First Year Courses

Autumn Quarter Early Session

The Human Body
Health Care Disparities in America: Equity and Advocacy
Scholarship and Discovery 1A

Autumn Quarter

Medical Cellular Biology & Genetics

Physician-Patient-Society-Systems (P2S2)
- Clinical Skills 1A
- The American Healthcare System
- Longitudinal Program
The Human Body

The Human Body course is the first component of the Scientific Foundations of Medicine curriculum in Year 1. The Human Body course will provide you with a foundation in the structural organization of the body. You will learn gross anatomy of the back, thorax, abdomen, pelvis, head and neck, and upper and lower limbs through large and small group teaching sessions, as well as cadaver dissection. Correlations with Radiology and Surgery are an integral part of the course and provide real world clinical context for the anatomic material.

Read more about our recently upgraded anatomy labs (/news/gross-anatomy-reboot).

When: August 8, 2017 - October 20, 2017

The course meets daily each morning, with dissection labs meeting in the afternoons.

Cadavers used in this course are generously donated to the Pritzker School of Medicine through the Anatomical Gift Association of Illinois. For more information about this process, please visit their webpage: Anatomical Gift Association of Illinois (http://www.agaillinois.org/about.htm). Each fall, the first year class commemorates the lives of those who donated their bodies to the course during an annual ceremony of gratitude.
Health Care Disparities: Equity and Advocacy

This course gives students an overview of disparities that exist in health and health care in the United States across categories such as race, gender, social economic status, age, and sexual orientation. The course includes lectures and small group sessions led by leaders in health care in Chicago and at the University, and culminates in a small group project that explores an aspect of health care disparities in detail. Students also become better acquainted with Hyde Park and greater Chicago through visits to health care facilities and institutions throughout the area.

When: August 15, 2017 - October 12, 2017

The course meets on most mornings during the Summer Quarter.

In the News

Health Care Disparities in America Course Leads to Free Screenings for Uninsured Women (http://pages.exacttarget.com/page.aspx?QS=472529ee60bf32a1a99f98152952b9d79dfdf73a6e94c7)
Health Care Disparities Curriculum Highlighted in University of Chicago Magazine (http://magazine.uchicago.edu/0712/investigations/care.shtml)
Scholarship and Discovery 1A, 1B, and 1C

Students at Pritzker are required to complete a scholarly project by the time of graduation, focusing on one of five scholarly tracks. The Scholarship and Discovery thread (/page/scholarship-and-discovery) is a four-year curriculum designed to facilitate the successful completion of this project. Students will have the opportunity to learn about five different scholarship track areas, which are:

Scienfific Investigation (/page/scientific-investigation-track)
Clinical Research: Led by Drs. David Glick (http://www.uchospitals.edu/physicians/physician.html?id=4424) and V. Leo Towle (http://neurology.uchicago.edu/page/v-leo-towle-phd)
Medical Education (/page/medical-education-track)
Quality and Safety (/page/healthcare-delivery-sciences-track-formerly-quality-safety)
Community Health (/page/community-health-scholars-track)
Led by Drs. Arshiya Baig (http://www.uchospitals.edu/physicians/physician.html?id=6437) and Deb Burnet (http://med-www02.bsd.uchicago.edu/339/FacultyPro/faculty_profile.aspx?empl_id=1171)
Global Health (/page/global-health-track)
Led by Drs. Brian Callender (http://med-www02.bsd.uchicago.edu/339/FacultyPro/faculty_profile.aspx?empl_id=8589) and John Schneider (http://med-www02.bsd.uchicago.edu/339/FacultyPro/faculty_profile.aspx?empl_id=7118)
Students will also conduct a mentored project in one of these areas. During the first year, students will participate in introductory courses including introduction to scholarship principles and skills (Summer quarter), epidemiology and biostatistics (Winter quarter), and elective courses in specific scholarly tracks (Spring quarter). Students can choose to begin work with a mentor on their scholarly projects during the academic year or through a variety of elective summer experiences between Years 1 and 2, such as the NIH-sponsored Pritzker Summer Research Program, the Summer Service Partnership, or the Global Health Scholars Program.

**Summer and Autumn Quarters** focus on introduction to scholarship principles, skills, and learning about the tracks.

**Winter Quarter** focuses on epidemiology and research design.

**Spring Quarter** focuses on starting work on a mentored scholarly project or receiving advanced training in a track area.

Course Director: Dr. [Vineet Arora](http://med-www02.bsd.uchicago.edu/339/FacultyPro/faculty_profile.aspx?empl_id=5881)
Medical Cellular Biology & Genetics

The Medical Cellular Biology & Genetics course is the second component of the Scientific Foundations of Medicine curriculum in Years 1 and 2. The course is co-taught by two faculty members: Dr. Darrel Waggoner and Dr. Nikolai Dulin. The course covers these areas by using clinical cases to illuminate the material. Students become active participants in the learning process by working in small groups to unravel and understand the basic science behind these clinical cases. The course includes the following topics: gene expression, signal transduction, cell cycle regulation, organization of cytoplasm, membrane traffic and cell motility, protein structure and function, energy production and utilization, and intermediary metabolism. Basic genetic concepts and the role of genes in disease processes and susceptibilities incidence and broad spectrum of human genetic disease, the importance of taking a family history, and the procedures used for diagnosing genetic diseases.

When: October 23, 2017-December 12, 2017

The course meets five mornings per week for lecture, small group discussion, and workshops.
Physician-Patient-Society Systems

P2S2 is a new curricular thread that will be implemented longitudinally across the entire four year Pritzker curriculum. In the first year, P2S2 brings under one umbrella the content of courses including Health Care Disparities: Equity and Advocacy, Clinical Skills, Doctor-Patient Relationship, and Social Context of Medicine and the American Healthcare System. Learning occurs in several environments, including lectures, small group work, outpatient clinical settings, and standardized patients in the Clinical Performance Center.

When: P2S2 meets on Tuesday and Thursday afternoons throughout Year 1 for lectures and small group discussions.
Clinical Skills 1A

Physician-Patient-Society-Systems (P2S2): Clinical Skills 1A

Clinical Skills is the first communication course that introduces the basics of doctor-patient communication. Students begin the process of learning to interview patients and also learn about such issues as health literacy. In addition to lecture, there are small group meetings with attending physicians and housestaff, videotaped interactions with standardized patients, and direct clinical experience in outpatient and inpatient settings.

When: This course meets on Thursday afternoons for lectures and interactive sessions.
The American Healthcare System


The American Healthcare System The course is co-taught by two faculty members: Dr. Gregory Ruhnke and Dr. Ram Krishnamoorthi. The course covers topics including developing a basic understanding of the types of organizations in which physicians practice, the effects of race and class on people's health and on the delivery of medical care, Medicare, Medicaid, and private health insurance, managed care, challenges facing hospitals, problems with cost quality, and access to care in the U.S. Many sessions are given by lecturers who are nationally recognized experts in their field.

When: October 16, 2017 through December 13, 2017
First Year Courses

Winter Quarter

Tissues: Cell and Organ Physiology

Physician-Patient-Society-Systems (P2S2)
  - Clinical Skills 1B
  - Doctor-Patient Relationship

Scholarship and Discovery 1B: Introduction to Medical Evidence
The Cell and Organ Physiology course is the third component of the Scientific Foundations of Medicine curriculum in Years 1 and 2. The course is co-taught by two faculty members: Dr. David Beiser and Dr. Benjamin Ko.

When: January 2, 2018–March 15, 2018

It integrates basic cell physiology with organ-based physiology and histology, providing a comprehensive understanding of structure/function relationships in human physiology. The course covers cell and membrane physiology, as well as physiology and histology of the cardiovascular, respiratory, digestive, endocrine, kidney, and reproductive systems. Lectures and small group sessions are supplemented by trips to cardiovascular and pulmonary laboratories and other clinical correlations.

The course meets five mornings per week for lecture and lab sessions.
Clinical Skills 1B

Physician-Patient-Society-Systems (P2S2): Clinical Skills 1B

The continuation of Clinical Skills 1A in which students learn to take vital signs, and perform the heart, lung, abdominal, breast and neurological exams, and pulses. Students will learn how to put the exam together and will perform an Objective Structured Clinical Examination (OSCE).

Direct clinical experience in outpatient and inpatient settings continue.

When: This course meets Thursday afternoons for lecture and interactive sessions during the Winter Quarter.
Doctor-Patient Relationship

Physician-Patient-Society-Systems (P2S2): Doctor-Patient Relationship

Doctor-Patient Relationship provides an introduction to the importance of the doctor-patient relationship to the process of ethical decision making. The course is taught by Dr. Mark Siegler and Dr. Andrew Aronsohn. The topics of informed consent, assessment of patient competence, truth telling, confidentiality, and end-of-life decisions, religion, spirituality, and law are examined in several clinical contexts such as acute care, pediatrics, geriatrics, and rehabilitation medicine. Small group sessions following lecture provide a chance for in-depth discussion.

When: This course meeting Tuesday afternoons for lectures and small group discussions.
Scholarship and Discovery 1A, 1B, and 1C

Students at Pritzker are required to complete a scholarly project by the time of graduation, focusing on one of five scholarly tracks. The Scholarship and Discovery thread (/page/scholarship-and-discovery) is a four-year curriculum designed to facilitate the successful completion of this project. Students will have the opportunity to learn about five different scholarship track areas, which are:

**Scientific Investigation** (/page/scientific-investigation-track)
Clinical Research: Led by Drs. David Glick (http://www.uchospitals.edu/physicians/physician.html?id=4424) and V. Leo Towle (http://neurology.uchicago.edu/page/v-leo-towle-phd)


**Medical Education** (/page/medical-education-track)

**Quality and Safety** (/page/healthcare-delivery-sciences-track-formerly-quality-safety)

**Community Health** (/page/community-health-scholars-track)
Led by Drs. Arshiya Baig (http://www.uchospitals.edu/physicians/physician.html?id=6437) and Deb Burnet (http://med-www02.bsd.uchicago.edu/339/FacultyPro/faculty_profile.aspx?empl_id=1171)

**Global Health** (/page/global-health-track)
Led by Drs. Brian Callender and John Schneider

Students will also conduct a mentored project in one of these areas. During the first year, students will participate in introductory courses including introduction to scholarship principles and skills (Summer quarter), epidemiology and biostatistics (Winter quarter), and elective courses in specific scholarly tracks (Spring quarter). Students can choose to begin work with a mentor on their scholarly projects during the academic year or through a variety of elective summer experiences between Years 1 and 2, such as the NIH-sponsored Pritzker Summer Research Program, the Summer Service Partnership, or the Global Health Scholars Program.

Summer and Autumn Quarters focus on introduction to scholarship principles, skills, and learning about the tracks.
Winter Quarter focuses on epidemiology and research design.
Spring Quarter focuses on starting work on a mentored scholarly project or receiving advanced training in a track area.

Course Director: Dr. Vineet Arora
First Year Courses

Spring Quarter

Cellular Pathology and Immunology

Microbiology: Medical Biology

Physician-Patient-Society-Systems (P2S2)
  - Clinical Skills 1C

Scholarship and Discovery 1C

Electives
Cellular Pathology and Immunology

This course provides an introduction to the pathogenesis of human disease from both a mechanistic and research standpoint. The course is taught by Dr. Nicole Cipriani and Dr. Kammi Henriksen. The goals of the course are to help students understand the basic mechanism in the pathogenesis of human disease and to learn about basic research investigating human disease. The course meets daily and includes lectures, journal clubs, a clinical pathological correlation (CPC) session and laboratories that address case studies, clinical and biochemical data, and histology.

When: March 26, 2018 – June 4, 2018

This course meets for lecture and lab sessions each morning.
Microbiology

This class provides an overview of the clinically important microorganisms and their roles in infectious diseases. The objectives of the course are to discuss mechanism of microbial pathogenicity important in disease production, provide knowledge of the common organisms associated with specific infectious diseases as foundation for system (organ)-based approach to diagnosis, describe the interactions between the clinician and the clinical laboratory that are important for diagnosing infectious diseases.

When: March 26, 2018 - June 6, 2018

This course meets for lecture and lab sessions each morning.

The University of Chicago

©2017 The University of Chicago
Clinical Skills 1C

Physician-Patient-Society-Systems (P2S2): Clinical Skills 1C

Clinical Skills 1C helps students continue to develop their medical interviewing skills. Students will also learn how to do a written history, as well as an oral presentation of a medical history. Direct clinical experience in outpatient and inpatient settings continue.
Scholarship and Discovery 1A, 1B, and 1C

Students at Pritzker are required to complete a scholarly project by the time of graduation, focusing on one of five scholarly tracks. The Scholarship and Discovery thread (/page/scholarship-and-discovery) is a four-year curriculum designed to facilitate the successful completion of this project. Students will have the opportunity to learn about five different scholarship track areas, which are:

Scientific Investigation (/page/scientific-investigation-track)
Clinical Research: Led by Drs. David Glick (http://www.uchospitals.edu/physicians/physician.html?id=4424) and V. Leo Towle (http://neurology.uchicago.edu/page/v-leo-towle-phd)
Medical Education (/page/medical-education-track)
Quality and Safety (/page/healthcare-delivery-sciences-track-formerly-quality-safety)
Community Health (/page/community-health-scholars-track)
Led by Drs. Arshiya Baig (http://www.uchospitals.edu/physicians/physician.html?id=6437) and Deb Burnet (http://med-www02.bsd.uchicago.edu/339/FacultyPro/faculty_profile.aspx?empl_id=1171)
Global Health (/page/global-health-track)
Led by Drs. Brian Callender and John Schneider.

Students will also conduct a mentored project in one of these areas. During the first year, students will participate in introductory courses including introduction to scholarship principles and skills (Summer quarter), epidemiology and biostatistics (Winter quarter), and elective courses in specific scholarly tracks (Spring quarter). Students can choose to begin work with a mentor on their scholarly projects during the academic year or through a variety of elective summer experiences between Years 1 and 2, such as the NIH-sponsored Pritzker Summer Research Program, the Summer Service Partnership, or the Global Health Scholars Program.

Summer and Autumn Quarters focus on introduction to scholarship principles, skills, and learning about the tracks. Winter Quarter focuses on epidemiology and research design. Spring Quarter focuses on starting work on a mentored scholarly project or receiving advanced training in a track area.

Course Director: Dr. Vineet Arora.
First Year Electives

First Year Spring Elective Requirement

100 units of elective credit is required in the spring quarter of the first year of medical studies. To fulfill this requirement, students can select elective courses and/or the option of a faculty sponsored independent study. To fulfill the requirements of Scholarship & Discovery, first year students will either need to take a Scholarship & Discovery track elective or complete the Summer Research preparatory requirement.

Additionally, students who participate in the Summer Research Program will apply 50 units gained from their preparatory requirement towards the spring elective requirement. This will fulfill the Scholarship & Discovery requirement.

For every 100 credits that students elect to take, they should anticipate spending a minimum of 10 hours per week on that elective. Students may take more than 100 credits. All courses are graded Pass/Fail.

Elective courses may be taken outside of the BSD for a Pass/Fail grade with instructor approval.

Frequently Asked Questions
(/sites/pritzker.uchicago.edu/files/MS1ElectivesFAQ2014.pdf)

Elective Courses

In early March, first year students will receive a link to an online registration system for spring elective courses. Any course that is not in the registration list or is marked 'Consent Only' in its description can be added by sending an email confirming the course number, course title, and the consent from the department or the faculty offering the course. The consent must be returned to Maureen Okonski (mailto:mokonski@bsd.uchicago.edu)

2017 Deadline to add an elective: Monday, March 27, 2017.

Spring Elective Courses (https://aaa-uruk04.cri.uchicago.edu/PSOMCourseCatalog/search/SearchResults.aspx? t=ms1andms2&y=current)

Readings, Research, and Independent Study Preceptorships
First year students may also fulfill their spring elective requirement by taking a Readings, Research course, and/or an Independent Study preceptorship. Students need to locate and make project arrangements directly with a sponsoring faculty member.

To register for Readings, Research, and/or Independent Study courses please use the Preceptorship/Independent Study Proposal (https://survey.aaa.uchicago.edu/EFM/se.ashx?s=6CABE3017DB500EC). The proposal form needs to be confirmed by the sponsoring faculty member via email to Maureen Okonski (mailto:mokonski@bsd.uchicago.edu). A comprehensive description of the research or project needs to included in order for it to be evaluated. The proposal will then be reviewed to determine the number of units it will receive. Please allow a week for review. Results will be communicated via email.

Spring Readings and Research Courses (https://aaa-uruk04.cri.uchicago.edu/PSOMCourseCatalog/search/SearchResults.aspx?t=coursetype&ct=Research%20/%20Reading&y=current)

Courses in Another Division

Go to http://registrar.uchicago.edu/classes to browse courses in other divisions.

While students are able to take courses in another division, either an email confirmation from the instructor or an add/drop form signed by the instructor will be needed to be brought to Maureen Okonski, BSIC 104Q, to have the course count towards the Spring Elective Requirement.

Please check with the division offering the course to ensure the course is open to students outside their division. Please be aware that many courses have time requirements that are not conducive to your Pritzker schedule.

Registering for business school courses: Chicago Booth School of Business courses are open to students in other divisions starting 9:00am Tuesday, Thursday, and Friday of the second week of the spring quarter.

Registration is first-come, first-served and is performed in person (no stand ins or sign up sheets) at the Dean of Students Office in the business school building. Students must show their UChicago ID when registering. Anticipate long lines on Tuesday morning. View more details (http://departments.chicagobooth.edu/srs/nonmbastudent/onlinereg.asp).
Introduction to Emergency Medicine
2017-2018 academic year
EMED 30400 | 50 units
Course Type: Elective - Non-clinical

Director:
Dr. Keme Carter
Primary Instructor:
Dr. Keme Carter 2-7751 kcarter@medicine.bsd.uchicago.edu
Contact:
Debra Milton 773-702-0351 dmilton@medicine.bsd.uchicago.edu
Campus:
UCMC
Location on first day:
CLI L523
Included in Lottery:
No
Included in MedReg:
No
Course can be dropped:
Yes
Visiting Students:
No
Last reviewed:
1/19/2017

Overview

This course provides an overview of the pathophysiology and clinical care of the wide spectrum of illness and injury seen in the practice of emergency medicine. In addition to the Tuesday/Thursday lecture schedule, laboratory sessions providing experience in suturing is scheduled. Students are also required to spend observation time in the emergency department.

Objectives

Students will learn to integrate the clinical presentation of patients with the basic pathophysiology of a wide variety of medical and surgical conditions.

Evaluation

Evaluation will be based on attendance.

Schedules Offered

This course is offered on a Quarterly Basis during the following quarters:
Spring Quarter
Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>12:00-1:00</td>
<td>-</td>
<td>12:00-1:00</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes
The course runs from April 25- June 1 in room L-523 (except May 11 and May 25 room TBA)

Course Eligibility and Prerequisites

Max enrollment
40

Eligibility
First Year

Prerequisites
None
Scholarship & Discovery: Global Public Health
2017-2018 academic year
MEDC 30009 | 50 units
Course Type: Elective - Non-clinical

Director:
Dr. Brian Callender
Primary Instructor:
Callender, Brian 773-702-5207 bcallend@medicinebsd.uchicago.edu
Contact:
Brian Callender, MD 773-702-5207 bcallend@medicinebsd.uchicago.edu
Campus:
UCMC
Location on first day:
BH P315
Included in Lottery:
No
Included in MedReg:
No
Course can be dropped:
Yes
Visiting Students:
No
Last reviewed:
3/3/2017

Overview

This course is intended to provide an overview of key issues in global public health. It will be taught as a seminar where students actively participate in discussions on topics and concepts drawn from the assigned readings. The emphasis will be on discussion and critical analysis, not didactic lectures. The readings will include articles that describe particular global health interventions or initiatives. Throughout the seminar, the focus will be on real-world problems currently facing the global health community. The seminar will focus on a particular topic each week and attempt to produce solutions to the case problem through discussion, analysis, and debate. Examples of past cases include determining whether bednets for malaria should be sold or distributed for free, deciding how to allocate scare resources among different disease priorities, and determining the optimal price to pay farmers for chickens culled for avian flu prevention. The goal of this problem-based approach is to have participants gain a sense of the tradeoffs in global health.

Topics to be discussed include public health infrastructure, mathematical epidemiology, malaria, HIV/AIDS, communicable disease control, human resources, public health financing, chronic illnesses, epidemic management, poverty, vaccine policy, and ethical issues in global health.

Objectives

1. To provide a basic understanding of common issues in global public health
2. To understand the common trade-offs that are made when determining solutions to common global health problems

Evaluation

Grading will be based on two parameters:
1. Level of engagement and in-class participation during the seminar
2. Attendance

Schedules Offered
This course is offered on a Quarterly Basis during the following quarters:
Spring Quarter

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1:00-3:00</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

First class meets Friday, March 31.

Course Eligibility and Prerequisites

Max enrollment

15

Eligibility

First Year
Fourth year
Second Year
Religious Perspectives on Doctoring and Bioethics
2017-2018 academic year
MEDC 30030 | 50 units
Course Type: Elective - Non-clinical

Director:
Dr. Aasim Padela and Dr. John Yoon

Primary Instructor:
Padela, Aasim 773-702-6081 apadela@medicine.bsd.uchicago.edu
Dr. John Yoon jyoon1@bsd.uchicago.edu

Contact:
Cynthia Avila 312-659-0313 cavila1@medicine.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
MH - W-732 (MacLean Center Library)

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
No

Visiting Students:
No

Last reviewed:
2/6/2017

Overview

Religious traditions provide frameworks for understanding the human being and disease, and for attending to the moral dimensions of healthcare within the clinical encounter. For many patients and healthcare providers their religious identity strongly informs their health and healthcare behaviors, and religious authorities (texts as well as interpreters of those texts) provide ethical guidance by which to navigate the challenges of contemporary clinical medicine.

The course will first introduce the challenges that moral pluralism in contemporary society presents to the health care professionals along with the subsequent challenges such pluralism poses in navigating the clinical encounter in today’s complex health care system.

This course will expose students to consider the religious dimensions of health and the doctor (clinician)-patient relationship through a series of didactics that cover broad concepts relevant to the intersection of religion and clinical medicine from the perspective of the Abrahamic traditions (Judaism, Christianity, and Islam), and facilitated discussion sessions where students co-present readings that identify and address tensions between religion and medicine from contemporary secular and religious perspectives.

Moreover, students will also examine traditional religious accounts both of medicine and of moral formation, to consider how they might inform answer to the question, How does one become (and remain) a “good physician (healer)?”

After conceptual foundations for the course are discussed in the initial didactic sessions, the heart of the course will offer a deep dive into religious perspectives over multiple sessions. Each lecturer representing a faith tradition will address the following questions in their lecture:
1) What is health, how does it relate to living a fulfilling/flourishing life, and what is the place/role of contemporary medicine in enhancing human flourishing from the perspective of your tradition?
2) What are some salient clinical ethical challenges faced by adherents of your faith tradition in their interaction with contemporary medicine and the theological/ethico-legal concepts that undergird these challenges?
3) What does it mean to practice medicine in the context of living a good, faithful and rewarding life?
4) In your faith tradition, how does one become a “good physician” in the context of growing moral pluralism and health care complexity?

Objectives
Attendees will be able to describe and compare the ways each of several religious traditions define health and view medicine as a means to promote human flourishing.

Course attendees will also be able to identify the clinical ethical challenges that Jewish, Christian, and Muslim physicians and patients may confront and the values that are at-stake in these scenarios.

Evaluation

Pass/Fail Final Paper (TBD)

Schedules Offered

This course is offered on a Quarterly Basis during the following quarters:
Spring Quarter

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1:30-3:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Cross listed

Course Eligibility and Prerequisites

Max enrollment

15

Eligibility

First Year
Scholarship and Discovery: Health Care Delivery Sciences
2017-2018 academic year
MEDC 30114 | 50 units

Course Type: Elective - Non-clinical

Director:
Dr. Julie Oyler

Primary Instructor:
Dr. Julie Oyler 773-834-7055 joyler@medicine.bsd.uchicago.edu
Dr. Lisa Vinci lvinci@medicine.bsd.uchicago.edu

Contact:
Dr. Julie Oyler 773-834-7055 joyler@medicine.bsd.uchicago.edu

Campus:
UCMC

Location on first day:

Included in Lottery: No
Included in MedReg: No
Course can be dropped: No
Visiting Students: No

Last reviewed: 1/13/2017

Overview

The course will focus on the practical skills necessary to assess and improve quality of care in healthcare settings. Seminal literature in the areas of quality improvement and patient safety will be reviewed. Quality improvement skills such as writing aim statements, process mapping, choosing measures, and using Plan-Do-Study-Act cycles will be taught and practiced. Students will have the opportunity to review quality data collected from both inpatient and outpatient settings at the University of Chicago Medical Center and design interventions that have the potential to improve care delivery. The course will combine didactics with group exercises and projects. Visiting clinical sites to interview relevant stakeholders will be a required component of the course. Student will have the opportunity to interact with quality leaders from across the medical center. We anticipate that students may choose to continue their projects through to the implementation stage as part of the Quality and Safety Track.

Objectives

1. Identify seminal papers in healthcare quality and safety
2. Review clinical quality data and be able to identify areas to target for improvement
3. Write an aim statement
4. Process map a healthcare process
5. Design a quality improvement intervention
6. Understand and use PDSA cycles
7. Identify quality leaders at UCMC

Evaluation

Students will be evaluated on class participation, a group project and a short final presentation. The feasibility and potential impact of the quality improvement project(s) which they will design in small groups will also be evaluated. Students will be expected to give a final presentation on their projects.

Schedules Offered
This course is offered on a Quarterly Basis during the following quarters:
Spring Quarter

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1:00-3:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

First Class March 29

Course Eligibility and Prerequisites

Max enrollment
9

Eligibility

First Year
Second Year
Scholarship & Discovery: Community Health
2017-2018 academic year
MEDC 30116 | 50 units
Course Type: Elective - Non-clinical

Director:
Dr. Arshiya Baig

Primary Instructor:
Baig, Arshiya 0 abaig@uchicago.edu
Burnet, Deborah 0 dburnet@medicine.bsd.uchicago.edu

Contact:
Morgan Ealey  773-834-2239  mealey@medicine.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
L316

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
Yes

Visiting Students:
No

Last reviewed:
1/19/2017

Overview

The community health elective provides a conceptual framework and introduction to specific methodologies for health professionals to engage with community members to effectively address the medical, social and structural determinants of health. It builds relationships across the university and into the community, while introducing approaches to community engaged scholarship and service, including asset based community development, community engaged participatory research, community oriented primary care, service learning, and advocacy.

Objectives

Designed for medical students interested in the Scholarship and Discovery Community Health Track, participants in the Summer Service Partnership program from across the university, and interested others, we will:

1) Explore the role of social, societal and global environmental factors in producing health

2) Learn how doctors and other professionals can work with patients and communities to improve community health

3) Understand community health issues on the South Side of Chicago, with special attention to the priority topics defined through the UCM’s community health needs assessment: violence, sexual health, asthma, obesity, diabetes, cancer and access to care.

4) Meet academic and community leaders who work together to understand, address, and advocate for healthy solutions

5) Explore our own roles in building healthier communities—on the South Side, in the US, and in the world.

Coursework will consist of weekly readings, reflections, class participation, and community outreach. Recommended movies and multi-media resources will complement readings. We will explore the role of universities in partnering with communities, with weekly panels including speakers from the medical center, university and community organizations addressing priority health issues. We will visit a federally-qualified health center and other community organizations, and will attend a session of Community Grand Rounds. We will learn about various forms of community engaged scholarship, and students will work in teams to understand and educate classmates about a particular neighborhood on Chicago’s South Side as we consider community approaches to improving health.
Evaluation

Weekly reflections/journal
Class participation

Schedules Offered

This course is offered on a Quarterly Basis during the following quarters:

- **Spring Quarter**

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>3:00-5:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

This course is open to all first, second, and fourth year students regardless of track for scholarship and discovery, is recommended for all student leaders of community service groups, and is required for all students participating in the Summer Service Partnership.

We will be in L316 from 3-5pm every Wednesday beginning March 30 – June 1 with the exception of April 6 for which we have reserved L272, from 3-5pm.

Course Eligibility and Prerequisites

Max enrollment

25

Eligibility

- First Year
- Second Year
Reproductive Health: Clinical and Public Health Aspects of Contraception and Abortion
2017-2018 academic year
OBGY 30010 | 50 units
Course Type: Elective - Non-clinical

Director: Julie Chor, MD
Primary Instructor: Julie Chor, MD jchor@bsd.uchicago.edu
Contact: Julie Chor, MD jchor@bsd.uchicago.edu
Campus: UCMC
Location on first day: TBA
Included in Lottery: No
Included in MedReg: No
Course can be dropped: Yes
Visiting Students: No
Last reviewed: 3/7/2017

Overview

Each session will usually consist of one hour of lecture, followed by another hour of more interactive learning including a provider panel, clinical scenarios, discussions and hands-on teaching such as an IUD insertion workshop. The lectures will cover an introduction to family planning and related careers, family planning public health issues, contraception, abortion, political legal and ethical aspects of reproductive health, international family planning, teen pregnancy and sex education.

Objectives

The objective of this class will be to expose students to clinical aspects of reproductive health care including options related to pregnancy and contraception as well as to provide students with a foundation in related epidemiology and public health issues, especially those pertaining to the University of Chicago hospital patient population.

Evaluation

Evaluation will be based on class attendance and participation. Students who need to miss more than one class must make prior arrangements with course director.

Schedules Offered

This course is offered on a Quarterly Basis during the following quarters:
Spring Quarter

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>3:00-5:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Schedule Notes

Minimum of 10 students

The course will last 10 weeks. The first day of class will be Monday.

Course Eligibility and Prerequisites

Max enrollment

20

Eligibility

First Year
Second Year

Prerequisites

Pritzker Students Only
Scholarship & Discovery: Medical Education
2017-2018 academic year
PEDS 30110 | 50 units
Course Type: Elective - Non-clinical

Director:
Dr. H. Barrett Fromme

Primary Instructor:
Fromme, H Barrett 773-834-9043 hfromme@peds.bsd.uchicago.edu
Dr. Jeanne Farnan jfarnan@medicine.bsd.uchicago.edu

Contact:
Dr. H. Barrett Fromme 773-834-9043 hfromme@peds.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
H300

Included in Lottery:
No

 Included in MedReg:
No

Course can be dropped:
No

Visiting Students:
No

Last reviewed:
1/13/2017

Overview

This elective is designed to introduce key concepts in medical education to students interested in academic careers. The course will utilize Evidence-Based Education (EBE) to expand on the complexities of medical education and the varying roles and career opportunities for leaders in medical education. Starting with a foundation in the History of Medical Education, course participants will then be introduced to a sound basis in Learning Theory and Instructional Design/Teaching Skills. Emanating from that discussion we will then focus on methods and modalities for Learner Assessment. We will take our participants through a concrete approach to Curriculum Design and Evaluation, the bedrocks of medical education innovation. Throughout the course we will discuss venues for scholarship, as well as pointedly focus on varying Leadership opportunities and roles for academicians. The course will culminate in a final discussion of Hot Topics in Medical Education as chosen and presented by the course participants.

Objectives

By the end of the course, participants will be able to:
• Describe the key aspects of learning theory as applied to medical teaching
• Review medical education literature and summarize findings emphasizing areas for application
• List Kern’s six steps of curricular design
• Recognize evaluatory approaches and issues in curricular design
• Recognize various leadership opportunities in medical education

Evaluation

Course participants will be evaluated on two aspects:
1) Class participation, including but not limited to attendance, evidence of preparatory reading, and active participation in discussions
2) Course project – completion of a presentation on a current issue in medical education that includes a literature review, summary, and editorialized opinion

Each student is expected to attend the Pritzker Orientation (as applicable) as well as the Department of Pediatrics Orientation on their first day of service. In addition, each student will be required to meet with the Associate Clerkship Director halfway through...
their Sub-I/Elective experience - the student will be responsible for setting up and attending this meeting.

Near the end of the Sub-I/Elective experience, each student will be required to complete evaluations (i.e. on rotation, resident, faculty, etc.). Student evaluations will be distributed at the end of each experience to appropriate faculty and will be released upon completion.

Schedules Offered

This course is offered on a Quarterly Basis during the following quarters:

- Spring Quarter

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1:00-3:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Begins March 27 ENDS on 5/31

Course Eligibility and Prerequisites

Max enrollment

15

Eligibility

- First Year
- Second Year
Overview

This elective is designed to introduce medical students to a broader range of pediatric subspecialties and practice systems, emphasizing pediatric-specific disease processes, to illustrate the complexity of pediatric medicine and the rigor of science behind it. In addition to didactic lectures on key considerations among pediatric subspecialties, medical students will engage in interactive settings to contextualize learning objectives. These experiences will include simulation, hands-on training labs, patient/family panel discussions, and case-based discussions. Furthermore, medical students will observe rounds in different inpatient practice scenarios to integrate acquired medical knowledge to clinical constructs and case presentations.

Objectives

By the end of the course, students will be able to recognize pediatric considerations in at least nine pediatric subspecialties and apply basic pathophysiology to patient presentations in different disease populations and practice settings. They will learn basic skills in suturing and casting, as well as airway management.

Evaluation

Evaluation will be based on class participation, including: attendance, preparatory reading, and active involvement in discussions and training sessions. Each student will also present a summary of findings from inpatient experiences and compare variations in presentation or pathology to medical knowledge and skills acquired during didactic and interactive sessions. Each student will be required to complete evaluations (i.e. rotation, faculty).

Student evaluations will be distributed at the end of the course.

Schedules Offered

This course is offered on a Quarterly Basis during the following quarters:

Spring Quarter

Weekly schedule:
### Schedule Notes

### Course Eligibility and Prerequisites

**Max enrollment**

10

**Eligibility**

- First Year
- Second Year
Visual Art and Medicine: Using Art to Explore the Practice of Medicine
2017-2018 academic year
PSCR 44000 | 50 units
**Course Type:** Elective - Non-clinical

**Director:**
Michael Christiano

**Primary Instructor:**
Michael Christiano 773-702-2351 mchristiano@uchicago.edu
Dr. Michael Marcangelo 2-0667 mmarcang@yoda.bsd.uchicago.edu

**Contact:**
Michael Christiano 773-702-2351 mchristiano@uchicago.edu

**Campus:**
UCMC

**Location on first day:**
Smart Museum TBA

**Included in Lottery:**
No

**Included in MedReg:**
Yes

**Course can be dropped:**
No

**Visiting Students:**
No

**Last reviewed:**
3/28/2016

**Overview**

This 8 session course aims to hone students' visualization and verbal articulation skills through art-based discussions. Art observation sessions will challenge students to develop deep observation skills while viewing a variety works of art at The University of Chicago's Smart Museum.

Exercises will guide students in considering ways they might use these observation skills in a clinical setting. Group discussions held during the second half of each session will require students to apply their new observation skills to original artwork created by themselves and their classmates for the class.

Art work assignments and discussions will explore themes integral to the practice of medicine and will prompt students to contemplate the art of medicine, as well as their training and identities as future physicians. Talks by guest faculty as well as live drawing classes will augment class sessions and increase students' engagement and learning.

**Objectives**

To hone students' observational skills

To build communication skills through observation, description, and analysis

To consider artwork as a tool to build empathy

To use art as a tool to discuss values in medicine

**Evaluation**

Required attendance

Active class participation

Completion of projects
There are weekly required readings as well as four required art projects.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:

- April

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

**Weekly schedule:**

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>5:00-8:00</td>
<td>-</td>
<td>5:00-8:00</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

- Course DATES TBA
- Must attend all 8 sessions

Art and Medicine Resources on Reserve:
- The Body in Contemporary Art by Sally O’Reilly
- Medicine and art by Alan E.H. Emery and Marcia L.H. Emery
- Medicine in art by Giorgio Bordin, Laura Polo D’Ambrosio
- The Man Who Mistook his Wife for a Hat by Oliver Sacks
- The Whole New Mind (Empathy) by Daniel Pink

**Course Eligibility and Prerequisites**

**Max enrollment**

- 20

**Eligibility**

- First Year
- Fourth year
- Second Year
Clinical Neurosciences
2017-2018 academic year
PSCR 35000 | 50 units
Course Type: Elective - Non-clinical

Director:
Dr. Maureen Lacy
Primary Instructor:
Dr. Maureen Lacy 4-3930 mlacy@yoda.bsd.uchicago.edu
Contact:
Brandy Tyrpin  773-834-0373 btyrpin@yoda.bsd.uchicago.edu
Campus:
UCMC
Location on first day:
Arranged
Included in Lottery:
No
Included in MedReg:
Yes
Course can be dropped:
Yes
Visiting Students:
No
Last reviewed:
2/23/2017

Overview
This course provides medical students with a live introduction to neuropsychological assessment. Students may shadow neuropsychologists in Monday, Tuesday, Wednesday or Thursday clinics based on student availability. The majority of cases that will be observed in the clinic are referred from neurology, neurosurgery, oncology and psychiatry. These include Multiple Sclerosis, Concussion, CVA, CCM, Lymphomas, Chemobrain etc. Surgery cases include pre/post surgical epilepsy, deep brain stimulation, tumor resection, etc. Psychiatry referrals include dementia vs depression, learning disabilities, & attention deficits disorders. Neuroscience lectures (Fridays 10:30-12:00) and behavioral case conferences (Fridays 1pm-2:30) are open to students. Additional opportunities are available for direct participation in the neuropsychological assessments of children and surgery and WADA observations.

Objectives
To give students introductory knowledge of the clinical neurosciences and the technology of neuropsychological assessment. Students will learn about a) test selection and biases; b) observe test administration c) gain a better understanding of normative references d) learn common neurocognitive profiles associated with various dementias and medical conditions and e) learn to interpret the most salient aspects of the neuropsychological report.

Evaluation
Student will be evaluated by criteria established with the student as part of their individual program.

Schedules Offered
This course is offered on a Quarterly Basis during the following quarters:
Spring Quarter
Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
</table>

https://aaa-uruk04.cri.uchicago.edu/PSOMCourseCatalog/browse/ViewCourse.aspx?d=P... 10/16/2017
Schedule Notes

This course is offered on a Monthly or Bimonthly Basis during the following months: May

The schedule is flexible and can be individually arranged with the instructor.

Ideally students shadow on one half clinic day with optional additional tailored experiences.

Course Eligibility and Prerequisites

Max enrollment
3

Eligibility
First Year

Prerequisites
Consent of Electives Coordinator
Essentials of Medical Imaging  
2017-2018 academic year  
RADI 30500 | 50 units  
Course Type: Elective - Non-clinical

Director:  
Dr. Christopher Straus

Primary Instructor:  
Straus, Christopher 2-3331 cstraus@uchicago.edu

Contact:  
Laura Pawlak lpawlak@radiology.bsd.uchicago.edu

Campus:  
UCMC

Location on first day:  
BMH Q219

Included in Lottery:  
No

 Included in MedReg:  
No

Course can be dropped:  
Yes

Visiting Students:  
No

Last reviewed:  
1/13/2017

Overview

This course is designed primarily to introduce radiological imaging principles to the pre-clinical medical student. Image interpretation will be discussed in a group format, not just targeting for second-year medical students who have just finished with CPP&T but to first year students who have an interest in the topic. The course is designed to follow CPP&T which ends mid-April, thus adding to their basic knowledge on one of the most intriguing and dynamic specialties in contemporary medicine.

Sessions are structured to cover basic principles of image interpretation by organ approach or modality (plain radiographs, contrast and nuclear radiology, ultrasound, computed topography, MR) using diagnostic medical reasoning. This may provide additional insight into the active role radiologists play in patient care, as well as gain understanding of optimal effective uses of imaging in the medical practice. The course will emphasize basic common clinical scenarios students can expect on a routine basis. An additional effort will include material and concepts needed for Boards Part 1 preparation and anticipated imaging questions.

Objectives

Students should learn the basic principles of image interpretation and diagnostic reasoning, and the effective use of imaging in medical practice.

Evaluation

Grading is based on attendance, participation, and performance.

Schedules Offered

This course is offered on a Monthly Basis during the following months:  
May

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:
<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>5:00</td>
<td>7:00</td>
<td>5:00</td>
<td>7:00</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Pick materials up in Q219

**Course Eligibility and Prerequisites**

**Max enrollment**

40

**Eligibility**

First Year
Second Year

**Prerequisites**

Consent of Electives Coordinator
Consent of Instructor
University of Chicago

Pritzker School of Medicine
Second Year Courses

2017-2018
Second Year Courses

Autumn Quarter

First Half

- Medical Neurobiology
- Human Behavior in Health & Illness
- Pharmacology

Second Half

- Clinical Skills 2A
- Clinical Pathophysiology & Therapeutics I
Medical Neurobiology

The course is taught by Dr. Peggy Mason. This intensive course starts by introducing the student to neuroanatomy and neurophysiology. With the vocabulary afforded by that introduction in hand, students will then learn the general principles of perception, followed by focused treatment of vision, hearing and verbal communication, pain, and equilibrium. Students will then learn the key components of voluntary motor control including the motor unit, reflexes, gait, posture, praxis, cerebellar and basal ganglia function, and gaze control. The course wraps up with a consideration of neural contributions to homeostasis and a consideration of how the brain informs the practice of medicine.

The course consists of daily lectures, 8 laboratory exercises, 6 review sessions, a midterm and a final. In addition, the ophthalmology and neurology exams will be taught in collaboration with Clinical Skills.

At the conclusion of this course, students will be prepared for the boards, the neurological part of CPPT, and most importantly for understanding the neural contributions to disorders of all organ systems.

When: September 18, 2017 - November 1, 2017
Human Behavior in Health and Illness

Human Behavior in Health and Illness This course is designed to give 2nd-year medical students an overview of behavioral science principles that inform medical practice. The course is taught by Dr. Michael Marcangelo. The emphasis in the course is on normal behavior and the biological, psychological, and social factors that influence it. It is intended to be a big-picture view of a complex field, focusing largely on elements that shape health behaviors in general. In addition, students are taught aspects of behavior that can go awry, leading at times to poor coping with circumstances (including physical illnesses) or even to the onset of mental illnesses. The course should provide enough behavioral science material (psychological models of the mind, behavioral neurobiology, development through life cycle, sleep, sexuality, adaptation to illness, and normal v. psychopathology) to prepare students for the Psychiatry module of Clinical Pathology and Pathophysiology and for their clinical clerkships.

When: September 19, 2017- October 31, 2017

Class meets once per week for a two hour session.
Pharmacology

Pharmacology is taught by Dr. Peter O'Donnell. The course introduces the student to the principles of pharmacology, focusing primarily on basic science, but also providing reference to clinical applications. Course content is intended to provide a comprehensive and integrated overview for the student in preparation for the therapeutics component integrated into Clinical Pathophysiology and Therapeutics (CPP&T). There are also optional review sessions conducted by the teaching assistants.

The class meets daily for the first seven weeks of the autumn quarter.
Exams are multiple choice.

When: September 18, 2017 - November 2, 2017
Clinical Skills 2A and 2B

Clinical Skills 2A & 2 B: Like CPP&T, Clinical Skills 2A & 2B (Physical Diagnosis) meets for 1.5 quarters. The course introduces students to the technical skills of physical diagnosis (PD). Aspects of the course common to all groups begin with lectures, scheduled Tuesday and Thursday. The need for this to be personalized to each student's level of experience requires small group settings. All students are assigned to fourth year medical students who meet once per week in the University of Chicago Hospitals. Students are required to write up patients seen, usually taking one to three hours to complete. All students also attend additional evening sessions scheduled throughout the two-quarter sequence. These sessions allow small groups to assemble to cover topics like the gynecological exam, the ophthalmologic exam, rheumatology, etc. Workshops on cultural competencies, geriatrics, and advanced communication topics are also included in the course.

Evaluation includes a written review of systems, a complete physical exam on a child, a healthy adult, a standardized patient, and performance of an oral patient presentation.
Clinical Pathophysiology and Therapeutics I & II (CPP&T) is a comprehensive 1.5 quarter sequence. This course introduces students to the clinical pathophysiology and therapeutic modalities of selected diseases that are linked to the following 10 physiological systems: hematology, pulmonary, renal, cardiovascular, endocrine, ob/gyn, skeletal, gastrointestinal, hepatic, and CNS/neonatal. In addition, a psychopathology module has been integrated into the course. Class meets every Monday, Wednesday, and Friday, for seven hours each day. The material is presented as lectures, laboratory exercises, and discussions. The exams are multiple choice.

The course is taught by Dr. Scott Stern and Dr. Aliya Husain.
Second Year Courses

Winter Quarter

Clinical Skills 2B

Clinical Pathophysiology & Therapeutics II
Clinical Skills 2A and 2B

Clinical Skills 2A & 2B: Like CPP&T, Clinical Skills 2A & 2B (Physical Diagnosis) meets for 1.5 quarters. The course introduces students to the technical skills of physical diagnosis (PD). Aspects of the course common to all groups begin with lectures, scheduled Tuesday and Thursday. The need for this to be personalized to each student's level of experience requires small group settings. All students are assigned to fourth year medical students who meet once per week in the University of Chicago Hospitals. Students are required to write up patients seen, usually taking one to three hours to complete. All students also attend additional evening sessions scheduled throughout the two-quarter sequence. These sessions allow small groups to assemble to cover topics like the gynecological exam, the ophthalmologic exam, rheumatology, etc. Workshops on cultural competencies, geriatrics, and advanced communication topics are also included in the course.

Evaluation includes a written review of systems, a complete physical exam on a child, a healthy adult, a standardized patient, and performance of an oral patient presentation.
Clinical Pathophysiology and Therapeutics I & II (CPP&T) is a comprehensive 1.5 quarter sequence. This course introduces students to the clinical pathophysiology and therapeutic modalities of selected diseases that are linked to the following 10 physiological systems: hematology, pulmonary, renal, cardiovascular, endocrine, ob/gyn, skeletal, gastrointestinal, hepatic, and CNS/neonatal. In addition, a psychopathology module has been integrated into the course. Class meets every Monday, Wednesday, and Friday, for seven hours each day. The material is presented as lectures, laboratory exercises, and discussions. The exams are multiple choice.

The course is taught by Dr. Scott Stern and Dr. Aliya Husain.
Second Year Courses

Spring Quarter

Scholarship & Discovery

Optional

- Elective Courses
- Independent Study
The Scholarship & Discovery component of the Pritzker curriculum reaffirms the core mission of the University to generate new knowledge to improve human life. The University of Chicago has a rich legacy of discovery and is home to several Nobel Laureates. Key scientific discoveries (http://www.uchicago.edu/research/) at the University of Chicago have revolutionized the treatment of human disease. In keeping with this great tradition, students at the Pritzker School of Medicine receive the necessary skills and training to complete a mentored scholarly project by the time of graduation, focusing on one of five scholarly tracks: **Scientific Investigation** (https://pritzker-sites.uchicago.edu/page/scientific-investigation-track) (Basic Sciences, Clinical Research, Social Sciences); **Community Health** (/page/community-health); **Global Health** (/page/global-health-track); **Medical Education** (/page/medical-education-track); and **Healthcare Delivery Sciences (Formerly Quality & Safety)** (https://scholarshipdiscovery.uchicago.edu/page/healthcare-delivery-sciences-track-formerly-quality-safety).

The Scholarship & Discovery curriculum provides enhanced training in fundamental concepts and skills to ensure student success in one of these five tracks. Guidance is provided by faculty mentors during the first-year **Scholarship & Discovery Course** a, b, c. (/page/scholarship-and-discovery-1a-1b-and-1c) Below is a full outline of the Scholarship & Discovery curriculum.

Scholarship & Discovery resources are available through the Scholarship & Discovery site (http://scholarshipdiscovery.uchicago.edu/). Current students may schedule Office Hours with the S&D Team by submitting the **S&D Inquiry Form** (https://pritzker-sites.uchicago.edu/content/scholarship-discovery-inquiry-form).
<table>
<thead>
<tr>
<th>Year</th>
<th>Scholarship &amp; Discovery Milestones</th>
</tr>
</thead>
</table>
| MS1  | Scholarship & Discovery Course 1A, B, C  
(http://page/scholarship-and-discovery-1a-1b-and-1c)  
Meet track leaders, highlight mentors & student scholarship  
Learn basic concepts of each track (e.g., what is global health or QI?)  
Learn core scholarship skills (e.g., literature searching, library resources  
(http://www1.lib.uchicago.edu/e/crerar/index.html), research ethics  
(http://itm.uchicago.edu/consultations-with-experts/))  
Learn basic biostatistics and epidemiology (1B)  
Obtain advanced training in one area (1C)  
Meet with potential mentors  
Consider summer opportunities for scholarship  
via Pritzker Summer Research Program  
(http://page/summer-research-program) or other options (optional)  
In the Spring, students are presented with a variety of options to fulfill their required 50 S&D elective units |
| MS2  | Select track and mentor (early Fall Quarter)  
Interval group meetings with track leaders to present "work in progress"  
Time to work with mentor on project  
Progress report at end of second year |
| MS3  | Critical appraisal of literature and journal clubs (via core clerkships) |
| MS4  | Complete work on mentored project, work on a related project, or obtain advanced skills/experience in track.  
Disseminate work (local, regional, or national conferences  
(http://page/external-programs-and-funding))  
Present scholarly work at the Senior Scientific Session  
(http://page/senior-scientific-session)  
Complete final progress report |
<table>
<thead>
<tr>
<th>Year</th>
<th>Scholarship &amp; Discovery Milestones</th>
</tr>
</thead>
</table>

University of Chicago

Pritzker School of Medicine
Third Year Courses

2017-2018
Third Year Clerkships

The goal of the required clerkships is to expose students to the wide range of clinical activities associated with each discipline. Students master core competencies unique to each clerkship as well as general communication and professionalism competencies that are observed in all. The majority of the inpatient experiences take place at the University of Chicago Medicine or NorthShore University HealthSystem's Evanston Hospital Campus (with the exception of Family Medicine, which is located at MacNeal Hospital in a nearby suburb). Outpatient experiences can be in a variety of clinics around the Chicagoland area, but tend to be concentrated in the University of Chicago outpatient clinics.

Third Year Clerkships

Medicine (/page/medicine)
Surgery (/page/surgery)
Pediatrics (/page/pediatrics)
Obstetrics and Gynecology (/page/obstetrics-and-gynecology)
Psychiatry (/page/psychiatry)
Family Medicine (/page/family-medicine)
Neurology (/page/neurology)

Fourth Year Clerkships

Emergency Medicine at UC (https://aaa-uruk04.cri.uchicago.edu/PSOMCourseCatalog/browse/ViewCourse.aspx?d=EMED&n=31200&y=9)

The Foundations in Clinical Medicine (FICM) (/page/foundations-clinical-medicine) elective course is a seven day immersive experience designed to prepare second year students for the transition into the third year. The course uses lecture, small group discussion, and hands-on practice to expose students to data interpretation, clinical procedures, and case presentations in preparation for the clerkship experience.

The Introduction to the Clinical Biennium is a three-day event which trains rising third year students in the hands-on skills that they will need as they complete the required clerkships throughout their third and fourth years of medical school.
Topics Covered:

- BLS Testing
- EPIC Training
- Procedure Familiarity
- Professionalism in Medicine
Foundations in Clinical Medicine

Description

The course will be held from 8 AM - 5 PM June 12-16 and June 19 and 20, 2017. This course is packed with content and is intended to replicate the tempo of a typical clinical day. Students are expected to arrive on time for each session and to remain in class throughout the day. Other than an hour for lunch, there are no scheduled breaks. Students should expect nightly homework assignments.

The FICM course has eight components:

1. Clinical Thinking: In small group sessions, you will learn to reason through a clinical case, incorporating the history, physical examination and laboratory testing into the differential diagnosis and management plan.

2. Data: In small group sessions, you will learn to understand and interpret common laboratory tests such as the BMP, ABG, pleural fluid and chest x-ray.

3. Didactics: Faculty members, residents and medical students will speak to you about important topics such as reading the medical literature, and resources for the third-year of medical school and beyond.

4. Management: In small group sessions, you will learn about intravenous fluids as well as how to manage common medical emergencies including hemorrhage, hypotension and hypoxia.

5. Physical examination: Working in small groups, you will explore physical diagnosis techniques for the lungs, heart, abdomen and nervous system.

6. Presentations: Working in small groups, you will learn to present new and follow-up patients in a variety of clinical environments including surgery, pediatrics, gynecology and internal medicine.

7. Procedures: Working in small groups, you will learn to perform procedures including IV cannulation, mask ventilation and Foley catheter placement, as well as their indications and potential complications.
8. FICM Lab: Dr. Glick and Dr. O'Connor will hold office hours every evening for students who would like additional practice or who would like to explore the day's material in further detail.
Medicine

Internal Medicine (12 weeks)

Medicine Clerkship Directors:
Adam Cifu, MD | (773) 834-1745 | acifu@medicine.bsd.uchicago.edu
(mailto:acifu@medicine.bsd.uchicago.edu)
Amber Pincavage, MD

Medicine Clerkship Administrator:
Debra Milton | (773) 702-0351 | dmilton@medicine.bsd.uchicago.edu
(mailto:dmilton@medicine.bsd.uchicago.edu)

Website:
MedHub (https://uchicago.medhub.com)

Description

The Medicine clerkship is a three-month rotation that includes both inpatient and outpatient experiences. The goal of the rotation is to provide students with a foundation of knowledge in general internal medicine necessary to practice in any medical or surgical specialty. The rotation includes a two-week elective piece during which students may choose to concentrate on an experience in a related subspecialty.

During the twelve week clerkship, students rotate on services at the University of Chicago Medical Center and Evanston Hospital, part of the NorthShore University HealthSystem. Students will spend 1-2 months on inpatient general medicine services and 2-4 weeks on hematology/oncology and/or cardiology services. All students will participate in a 12-week, longitudinal ambulatory experience with a The University of Chicago Department of Medicine faculty member. The 2-week elective experience includes options to rotate in medicine subspecialties and related specialties such as radiology, physical medicine and rehabilitation, dermatology and radiation oncology.

During each of the core rotations, students function as active members of the ward team and assume a prominent role in the management of the patients. Students also meet weekly in small groups with a faculty preceptor. In addition to teaching responsibilities, the preceptor has primary responsibility for monitoring the progress of each student during
the clerkship. The preceptor is a person to whom students can turn if problems arise during the clerkship. The course directors are also readily available in case of problems.

Available teaching conferences include Resident Morning report, the Medical Morbidity and Mortality Conference and Medical Grand Rounds. Teaching conferences provided specifically for students include 5 days set aside for case-based discussion sessions and didactic lectures as well as an EKG lecture series.

Clinical Evaluation

Students are evaluated in several areas, including the quality of written and oral presentations, clinical reasoning skill, general fund of knowledge, the ability to interact with patients and colleagues, reliability in caring for patients, and humanistic qualities. Feedback about each student's clinical performance is solicited from physicians with whom the student works. Course directors encourage each attending and housestaff physician to meet personally with each student in order to provide feedback.

Objectives

The primary objective of the medicine clerkship is to gain insight into clinical principles and practice of internal medicine. Expectations regarding oral and written case presentations, number of cases to be seen and preceptor group participation are all explicitly stated during the orientation at the start of the rotation.

Evaluation of Clinical Clerks

Students receive grades of Honors, High Pass, or Pass for performances at the Manager, Interpreter, or Reporter level respectively. The breakdown of the grades are as follows:

Medicine Grade

Inpatient evaluations - 35%
OSCEs - 20%
Ambulatory evaluation - 15%
Written Exam - 15%
Observed patient encounter - 10%
Presentation - 5%
Electives - Pass/Fail
Preceptor Group - Pass/Fail
Recommended Textbooks

Stern, Cifu, Altkorn

Clerkship Preceptor Group and Ambulatory Syllabus

EKG Interpretation, Dale Dubin

©2017 The University of Chicago
Surgery

Surgery and Perioperative Medicine and Pain Management (12 weeks)

Clerkship Director:
Nora Jaskowiak, MD | (773) 702-2048 |
jaskowi@surgery.bsd.uchicago.edu
(mailto:njaskowi@surgery.bsd.uchicago.edu)

Clerkship Coordinator:
Susan Chambers | (773) 702-6337 | schamber@surgery.bsd.uchicago.edu
(mailto:schamber@surgery.bsd.uchicago.edu)

Websites:
Department of Surgery
(http://surgery.uchicago.edu/education/medclerkships/)
MedHub (https://uchicago.medhub.com)

Description

This clerkship is divided into four phases: four weeks of a general surgery service, two weeks on two specialty services, and two weeks of anesthesiology
(documents/PerioperativeMedicineandPainManagementClerkship12-
13_000.doc). At the UCH, there are four general surgery services and a large number of surgery subspecialty services. Each handles patients with diseases classically associated with general surgery or the surgical subspecialty area. However, there are various emphases from service to service, and the student should familiarize him/herself with these subspecialty emphases if the student has a particular interest in such areas as breast surgery, transplantation surgery, endocrine surgery, etc.

Students may also choose to do general surgery at NorthShore University Health System's Evanston Hospital Campus, Evanston, IL where the service is more general and students have an opportunity to see a more diverse spectrum of cases.

Students are considered a part of the team and are encouraged to participate actively in ward rounds, inpatient care, outpatient clinics, and the surgery of patients on his/her service. Students are encouraged to do outside reading and to attend the various weekly surgical conferences. A
lecture series will be held at the U of C for all students, with students in Evanston participating via video conferencing. The lectures will run from 6:45am-7:30am on Mondays, Tuesdays, Thursdays and Fridays. Students also participate in case presentations at both sites.

Clinical Evaluation

A student's clinical performance is evaluated and graded by the faculty and residents at U of C and Evanston who work with the student on each rotation. They are asked to evaluate the student in several areas, including clinical acumen, interpersonal skills, professionalism and general knowledge. A written consensus evaluation is submitted to the departmental office by the designated faculty coordinator for that service.

Objectives

To expose students to the medical management of surgical patients and basic surgical techniques. To provide students an opportunity to participate in peri-operative care as well as operative procedures. Provide a didactic experience centered around management of surgical diseases and to give students an opportunity for evaluation of surgical inpatients and outpatients.

Surgery Grade

Clinical Performance - 60%
Written Exam - 20%
OSCE - 7%
Oral Exam - 10%
Case Log Completion - 3%

Required Textbooks

NMS Surgery Casebook by Bruce E Jarrell
Cope's Diagnosis of Acute Abdomen by William Silen

Recommended Textbooks

Blueprints Clinical Cases: Surgery by Michele Li
Obstetrics and Gynecology

Obstetrics and Gynecology (6 weeks)

Clerkship Director:
Sabrina Holmquist, MD, MPH | (773) 834-5129 |
sholmqui@babies.bsd.uchicago.edu

Clerkship Coordinator:
Sharon Binion | (773) 702-6726 | sbinion2@babies.bsd.uchicago.edu

Website:
MedHub (https://uchicago.medhub.com)

Description

The Obstetrics and Gynecology clerkship is a six week primarily inpatient experience, performed at either the University of Chicago or NorthShore University HealthSystem. Students at both hospitals spend three weeks each on the Obstetrics service and a gynecologic surgery service. Students at NorthShore will have a primarily low-risk OB and general gynecology experience, whereas students at the U of C see primarily high-risk obstetrics and rotate on either the benign gynecology or gyn-oncology surgical service. Students who rotate at NorthShore will remain at NorthShore for their entire clerkship, excepting orientation day and exam day, the final day of the clerkship.

The inpatient portion of the Obstetric service (OBS) comprises caring for pregnant patients who are hospitalized for complications of pregnancy, and for postpartum patients. Labor and Delivery is where the student will follow patients in labor and participate in their delivery. It is a fast-paced experience and consists of 12-hour shifts. All students will also take at least one 12 hour weekend call during the rotation, with option for more call experience based on interest.

During their inpatient gynecology rotation, students will scrub on surgical cases, care for post-operative patients, see ER consultations with their team and attend morning attending rounds. Students at the U of C will be assigned to either the benign gynecology service or the gyn-oncology
service; NorthShore students may be assigned to benign or oncology cases depending on case load.

Each student at both sites will also be assigned an individual faculty preceptor. This preceptor will provide individual evaluation of clinical skills, and will mentor the student in the outpatient setting. Students will attend at least one half-day of outpatient clinic per week with their preceptor. In addition, students on the OB service at the U of C will spend 1-2 half-days per week in the high risk obstetrics clinic. Other opportunities for outpatient exposure will vary by site.

Didactic sessions will be held throughout the week at the individual sites. Some of these lectures will be videoconferenced; others may be available on-line for individual viewing. Other required didactic activities will include on-line case studies, presentations to the chair and required reading from the text listed below.

Clinical Evaluation

Clinical performance is evaluated by the residents and faculty who work with the students on each rotation, as well as the student's faculty preceptor. Students provide evaluation cards to the residents and faculty with whom they have worked most; these evaluation cards provide both quantitative and qualitative feedback to the clerkship director, who determines a composite clinical grade. This grade, in conjunction with the preceptor’s clinical skills assessment, accounts for 60% of the overall grade for the clerkship. Performance on the shelf and oral exam, completion of online clinical cases and the experience passport account for the remainder of the final clerkship grade.

Objectives

At the end of the OB/GYN rotation, students should:

Understand the basic concepts surrounding reproduction, the physiologic changes of pregnancy, common obstetric complications, the process of labor and delivery and the immediate post-partum period
Demonstrate physical exam skills necessary to perform a pelvic exam, an exam of a pregnant woman in prenatal care and in labor, and have participated in at least one vaginal and one cesarean delivery
Understand the fundamentals of common gynecologic issues, including generation of a gynecologic differential diagnosis and understanding of basic treatment options both surgical and non-surgical
Understand the epidemiology, anatomy, screening and diagnosis of common gynecologic cancers
Obstetrics and Gynecology Grade

Clinical Performance - 50%
Written Exam - 25%
OSCE - 15%
Case Presentation - 5%
Case Log Completion - 5%

Required Textbook

Beckmann et al, Obstetrics and Gynecology; available in the campus bookstore
Pediatrics

Pediatrics (6 weeks)

Clerkship Directors:
Maria (Lolita) Alcocer Alkureishi, MD | 6576 (pager) |
malkureishi@peds.bsd.uchicago.edu
(mailto:malkureishi@peds.bsd.uchicago.edu)
Nicola Orlov, MD | 4955 (pager) | nmeyerorlov2@peds.bsd.uchicago.edu
(mailto:nmeyerorlov2@peds.bsd.uchicago.edu)

Clerkship Coordinator:
Dawn Croach | (773) 834-0497 | dcroach@peds.bsd.uchicago.edu
(mailto:dcroach@peds.bsd.uchicago.edu)

Websites:
Pediatrics Clerkship (http://pedclerk.bsd.uchicago.edu/)
MedHub (https://uchicago.medhub.com)

Description

The Pediatrics clerkship is a six week rotation. Three weeks are spent on one or more inpatient units, which could be at Comer Children's Hospital, NorthShore University HealthSystem, or La Rabida Children's Hospital. 3 days are spent in the General Care Nursery at the University of Chicago, and the remaining two and a half weeks are spent at an outpatient pediatrics office, some of which are off-site. We will send an electronic survey before the start of the rotation asking for location preferences and will try our best to accommodate them.

Regardless of site, Tuesday or Thursday afternoon are our main teaching days. We also have an interactive experience at the Smart Museum on observational skills. Depending on site, students are also invited and expected to take part in our resident morning and noon conferences.

Clinical Evaluation

70 percent of a student's grade is comprised of their faculty evaluations on the outpatient, inpatient and general care nursery. Attendings evaluate the student in several areas, including medical knowledge, proficiency in the history and physical exam, the quality of their written and oral
presentation skills, clinical reasoning, communication and professionalism. 25 percent of the grade is based on their performance on the Shelf Exam, and 5 percent of the grade is comprised of their demonstrated professionalism skills including completion of their Procedure encounter log on a timely basis.

Objectives

To learn to perform a pediatric-specific history and physical in both inpatient and outpatient settings for all ages: newborn, toddler, school-age and adolescent.
To learn child growth and development from birth through adolescence.
To become familiar with working within a family structure with your patients.
To learn about the common childhood illnesses and disorders, how to evaluate them, and how to treat them.

Pediatrics Grade

Clinical Performance - 60%
Written Exam - 25%
General Care Nursery - 10%
Professionalism - 5%

Recommended Textbooks

There is no one specific assigned textbook, but we do encourage some independent study using a review book in preparation for the end of clerkship Shelf Exam. We have several recommended articles posted on the MedHub site for students to refer to. In addition, the students have access to CLIPP (Computer-assisted Learning in Pediatrics Program, www.med-u.org (http://www.med-u.org)), an outstanding online teaching tool that has 30 virtual pediatric cases (12 specific cases are mandatory).
Last but perhaps most useful, the pediatric clerkship website (https://pedclerk.sites.uchicago.edu) is a fantastic pooled resource of current literature on a variety of general pediatrics topics you may encounter on the rotation.
Psychiatry

Psychiatry (4 weeks)

Clerkship Director:
Mike Marcangelo, MD, Director of Medical Student Education | (773) 702-0667 | mmarcang@yoda.bsd.uchicago.edu

Clerkship Coordinator:
Brandy Tyrpin | 773-834-0373 | btyrpin@yoda.bsd.uchicago.edu

Websites:
Psychiatry Clerkship (http://psychiatry.uchicago.edu/page/message-michael-marcangelo)
MedHub (https://uchicago.medhub.com)

Description

The psychiatry clerkship is a four week experience that combines hospital-based work with outpatient experiences. Three primary site assignments are available including the consultation-liaison service at University of Chicago, the community inpatient service at Northshore, and the academic inpatient service. Each site includes University of Chicago faculty and residents. Each site features one or two half days of clinic experiences each week. Students also have call responsibilities a few times during the rotation that allow them to experience emergency psychiatry.

The Clerkship Sites

University of Chicago Medical Center (UCMC) – Primary assignment on the adult consultation-liaison (CL) psychiatry service that provides assessment and consultation to patients and physicians on UCMC medical, surgical, and subspecialty units.
Evanston Hospital – Primary assignment on the adult inpatient unit providing psychiatric care to both general psychiatry and dual diagnosis patients.
Chicago Lakeshore Hospital (CLH) – Primary assignment on the adult inpatient service with University of Chicago faculty and residents.
patients have severe mental illness and often have co-morbid substance use disorders. Chicago Lakeshore Hospital is a freestanding, for profit psychiatric hospital.

University of Chicago outpatient clinics – Students are assigned to weekly outpatient clinics including general adult clinics, neuropsychiatry clinic, our clinics for patients with schizophrenia, and child psychiatry clinics.

Objectives

The goal of the clerkship is to impart basic psychiatric skills and a fund of knowledge that will provide students with the tools necessary to detect and manage common mental disorders as future physicians. Broad areas of skills include interviewing techniques, including history-taking and mental status examination of psychiatric symptoms and signs; development of psychiatric differential diagnoses and a formulation of patients' psychiatric illness; and formulation of psychiatric treatment options, including pharmacotherapy and psychotherapy. The fund of knowledge students must acquire includes the epidemiology, phenomenology, pathophysiology, treatment, and course of psychiatric disorders. At the end of the rotation, mastery of these skills and areas of knowledge is assessed through written evaluations by faculty and residents of the student's clinical performance during the clerkship, by a NBME "shelf" subject examination, and by a standardized patient exam. More information can be obtained at our website: - - > link to Psychiatry Clerkship website (http://psychiatry.uchicago.edu/page/message-michael-marcangelo).

Psychiatry Grade

Clinical Performance - 67%
Written Exam - 33%
OSCE - P/F
Family Medicine

Family Medicine (4 weeks)

Clerkship Director:
Sonia Oyola, MD | (773) 702-5509 | soyola@bsd.uchicago.edu
(mailto:soyola@bsd.uchicago.edu)

Education Coordinator:
Shewanna Wackman | (773) 834-6852 | swackman@bsd.uchicago.edu
(mailto:swackman@bsd.uchicago.edu)

Websites:
Family Medicine Clerkship
(http://familymedicine.uchicago.edu/MedicalStudents/M3FamilyMedicineClerkship)

MedHub (https://uchicago.medhub.com)

Description

This month long clerkship is conducted at various clinical sites within and around the Chicagoland area. The clinical sites include community health centers, private practices and all Northshore Medical Group Locations including the Northshore Family Medicine Residency Program. Most students are assigned to two (2) different preceptors sites, working at each two days a week. When rotating at the Northshore Family Medicine Residency Program, students work with both faculty and residents.

Students are engaged in clinical activities Tuesdays through Fridays throughout the rotation. On Mondays, students return to the University for clerkship didactics and small group discussion. Traditionally, the last Thursday of the rotation is an assigned reading day to prepare for the final exam. Students will work with their preceptors up to and including the Wednesday before the exam.

Clinical Evaluation

At the end of the first two weeks, students ask preceptor(s) to complete the Mid-Rotation Student Evaluation form and then meet with them to discuss their progress to date. If there are two preceptors, either
preceptor can complete this form, but having both of them complete a midterm evaluation is ideal.

By the end of the third week, students should ask one of their preceptors to observe them interacting with a patient to complete the Observed History and Physical Examination form and to discuss their performance.

Prior to a student’s last day at the assigned site(s), students should remind their preceptor(s) to complete the student evaluation form to rate their clinical performance for the clerkship on E*Value. If you have any questions about the forms, please contact the Education Coordinator or the Clerkship Directors.

**Objectives**

Obtain a focused history and physical examination appropriate to the patient’s presenting complaint while considering common outpatient clinical problems confronted by family physicians.

Generate differential diagnoses for patient’s problems, with special consideration of the common and complex disorders that present in a family medicine setting.

Present diagnoses and treatment plans using best evidence and understanding of pathophysiology while taking psychosocial factors into consideration.

Write an accurate and concise note conveying only the most relevant points of the patient’s medical history, presenting complaint, physical exam, assessment and plan.

Recognize and apply health promotion and prevention counseling services at every possible clinical opportunity.

Communicate appropriately with and listen to patients with compassion and empathy while applying the concepts of motivational interviewing and shared decision making when appropriate and confirming patient understanding.

Triage acute care visits in the family medicine ambulatory care setting to outpatient follow up vs. emergency/urgent care or 911 while taking into consideration health care system resources.

**Professionalism:** Conduct professional relationships with patients, staff and colleague with the highest moral and ethical standards and understand the role of each member of the healthcare team

**Professionalism:** Actively seek feedback about your clinical performance and practice while taking into account any professional limitations
**FM Role in Health Care System:** Describe and experience the roles of family physicians in the office and community. Describe the central role of primary care in the health of the public.

**FM Role in Health Care System:** Recognize the value of self-care, resilience and the joy in medicine.

**Family Medicine Grade**

Grading is determined by a student’s performance in three areas:

- Clinical Performance - 60%
- Professionalism/Educational Attitude - 20%
- Written Exam - 20%

**Recommended Reading**

No specific assigned textbook. On the chalk site, there are multiple current review articles and resources for students. In addition, the students have access to fmCases (Family Medicine Computer-Assisted Simulations for Educating Students, [www.med-u.org/student-community](http://www.med-u.org/student-community)), an outstanding online teaching tool that has 40 virtual Family Medicine cases.
Neurology

Neurology (4 weeks)

**Clerkship Director:**
James Brorson, MD | (773) 834-9778 |
jbrorson@neurology.bsd.uchicago.edu
(mailto:jbrorson@neurology.bsd.uchicago.edu)

**Clerkship Co-Director:**
Naoum Issa, MD | (773) 702-0151 |
nissa1@uchicago.edu (mailto:nissa1@uchicago.edu)

**NorthShore Clerkship Director:**
Octavia Kincaid, MD | okincaid@northshore.org
(mailto:okincaid@northshore.org)

**Clerkship Coordinator:**
Marla Scofield | (773) 702-0151 | mscofiel@neurology.bsd.uchicago.edu
(mailto:mscofiel@neurology.bsd.uchicago.edu)

**Website:**
MedHub (https://uchicago.medhub.com)

**Description**

Students in the Neurology clerkship will be assigned to either the University of Chicago Medical Center site, or the NorthShore Medical University site in Evanston. Clinical training at the two sites is similar in breadth and depth of patient exposure and educational content, with some differences in the structure and specific focus of the clinical rotations. Students are assigned on the basis of a lottery, but can communicate site preferences to be accommodated when possible. Students at both sites will be provided a joint orientation session on the first day of the clerkship, and receive parallel didactic training. Students from both sites will re-convene at UCMC for testing on the last day of the clerkship.

**The UCMC Clerkship Site**

During the 4 week clerkship, students participate in several venues, including the adult neurology inpatient ward, the Neurointensive care unit, and the adult and pediatric outpatient neurology subspecialty
Two weeks will be spent on the **Adult Inpatient ward**, where students will make rounds with residents, attend morning conferences, and participate in daily rounds, Monday through Saturday. Students will help admit new patients and follow established patients, monitoring their examinations and assisting in care. Students will take call through midnight with their assigned resident. The goal of this rotation is experience in hands-on evaluation and management of acute neurological problems.

In the **NeuroICU**, students will participate in providing care to critically ill neurological patients, working with the NeuroICU team. Students will participate in the care of critically ill neurological and neurosurgical patients (acute ischemic stroke, intracranial hemorrhages, traumatic brain injury, hydrocephalus, intracranial hypertension, paralytic syndromes, status epilepticus) admitted to the NeuroICU or in consultation in the E.R. or other ICUs. Students will also participate in first response to acute stroke calls. The NeuroICU team will round on the patients on a daily basis. An intense experience of the care of critically ill neurological patients can be expected.

In the **Outpatient Clinics**, students will work one-on-one with attending physicians in general adult and pediatric neurology subspecialty clinics. The goal of this week is to become familiar with common and unusual neurological problems by observing numerous patients in specialty clinics in areas including multiple sclerosis, neuro-oncology, sleep disorders, epilepsy, stroke, movement disorders, and diseases of the peripheral nervous system. This week will also afford opportunities to observe and assist in performing a lumbar puncture, to observe electroencephalography, and to observe an EMG.

**The Northshore University HealthSystem Clerkship Site**

At the NorthShore University HealthSystem site, the clerkship is directed by Dr. Octavia Kincaid. The third year neurology clerkship at NorthShore University is an intensive clinical exposure to neurological patients. At NorthShore, students rotate through the inpatient general Neurology consult service, the stroke consult service, and the Neurology outpatient clinics, experiencing a wide variety of neurologic disorders and treatment options.

During the **Neurology Consult** service rotation students will perform histories and physicals on assigned patients and develop treatment plans including a differential diagnosis, diagnostic work-up and treatment recommendations. They will follow patients throughout their hospital
stay and adjust the treatment plan as needed whether in the ICU, medical or surgical units.

Rotation on the Stroke service will involve working with the stroke team to evaluate patients with stroke from the time they enter the emergency room through diagnosis and treatment. Students will gain insight into acute stroke treatment management as well as secondary stroke prevention.

Rotation in the Outpatient Neurology Clinic will provide students with an opportunity to work with subspecialty attendings in the areas of epilepsy, movement disorders, multiple sclerosis, behavioral neurology, neuromuscular disorders, sleep medicine, pediatric neurology and neuro-oncology. Throughout the rotation students will participate in didactic and case review lectures and will attend departmental conferences, both at NorthShore and at University of Chicago (via videoconferences). Opportunities will also be provided to observe and/or assist with lumbar punctures, electroencephalography and EMGs.

Clinical Evaluation

Students are expected to be present daily during the clerkship. They will be evaluated by attending physicians on their ability to perform a complete neurological examination and interpret the abnormal findings, make a diagnosis and understand the agents used in therapy. In addition, oral and written communication and professional behavior will be assessed. Students are expected to participate in weekly Case Discussion sessions with the teaching attending, to attend clinical conferences, and to submit a complete write-up of a case.

Objectives

Learn to obtain a neurological history and perform a competent neurological examination
Students will be provided a framework for neurological history taking and examination that they will utilize when examining patients on the floor. They will also observe attendings and residents perform the neurological examination on the floor and in the clinics.
Learn the basics of localization in neurology
Students will learn about localization during an orientation session with the clerkship director.
They will also learn the importance of localization in diagnosis.
Obtain exposure to a variety of neurological disorders
On the inpatient floor and in the neuro-intensive care unit students will have exposure to acute presentations of stroke, seizures, multiple sclerosis, and neuromuscular disorders.

During the outpatient week students have the opportunity to work with attendings in specialty clinics.

Understand the role of diagnostic tests in neurology
Students will have the opportunity to see patients undergoing EMG and EEG tests.

They will also have the opportunity to understand the role of multiple diagnostic modalities including CT, MRI and ultrasound imaging as well as lumbar puncture and other lab investigations relevant to patients seen on the floors and in the clinics.

Understand the role of medical and surgical treatment and rehabilitation of neurological disorders
Students will have exposure to various acute and chronic modalities of medical and surgical treatment as applied to patients seen on the floor and in the clinic.

Obtain feedback on neurological history taking and examination
Students will obtain ad-hoc feedback on history /examination skills on the floors and in the clinic

Students on the inpatient service will present their history and physical examination to the attending, and they will be given feedback on their history taking and localization skills during presentations.

**Neurology Grade**

Clinical Performance - 50%
Written Exam - 25%
OSCE - 25%

**Recommended Reading**

Overviews of Neurology, suggested as background reading during clerkship (choose one):


*Blueprints in Neurology* (Blueprints Series), by Frank Drislane et al.

Comprehensive textbooks of Neurology, useful for reference purposes:

*Harrison’s Neurology in Clinical Medicine*; Ed. Hauser S.


University of Chicago

Pritzker School of Medicine
Fourth Year Courses

2017-2018
Anesthesia & Critical Care
Fourth Year Electives

2017-2018
Clinical Clerkship in Anesthesia & Critical Care
2017-2018 academic year
ANCC 32700 | 100 units
Course Type: Elective - Clinical

Director:
Dr. Stephan Cohn
Primary Instructor:
Stephan Cohn 2-1188 scohn@dacc.uchicago.edu
Contact:
Tiffany Schmidt 773-702-0103 tschmidt@dacc.uchicago.edu

Campus:
UCMC
Location on first day:
I-420
Included in Lottery:
Yes
Included in MedReg:
Yes
Course can be dropped:
No
Visiting Students:
Yes
Last reviewed:
2/23/2017

Overview

This is a one month course designed for students who desire a more intensive experience in preoperative assessment, in
terooperative management, and postoperative care of surgical and obstetric patients. The student will be integrated into the
department and participate in the care of patients in the operating room and post anesthesia care units. The Outpatient Pain Clinic
and Preoperative Medicine Clinic in the DCAM are additional sites where the students may elect to spend part of their rotation.
Some flexibility to structure the month according to individual student's goals is permitted. The student will be assigned to work
with a primary group of 2 or 3 senior residents who are directly supervised by an attending anesthesiologist. Attendance at
departmental conferences will be expected.

Objectives

To gain exposure to and experience in the anesthetic management of surgical and obstetric patients. Broaden the knowledge base
of medical conditions which impact on surgical and anesthetic risks. Gain hands on experience in the treatment of acute and
chronic pain, vascular access and airway management. Broaden the knowledge base of anesthetic, sedative, and resuscitative
drugs and their pharmacology.

Note to prospective visiting students: Participation in a visiting rotation, regardless of performance, does not guarantee the offer of
an interview.

Evaluation

The student will receive a composite narrative evaluation based upon the feedback of the primary residents and attendings with
whom the student worked. He/she will be assessed on growth of new knowledge, application of existing medical knowledge, and
clinical performance. He/she will be required to complete a written exam at the beginning and end of the rotation, that will assess
the growth of new knowledge, application of existing medical knowledge, and clinical performance.

Note: ONCE ADDED, STUDENTS CANNOT DROP WITHOUT NOTIFYING THE DEPARTMENT.

Schedules Offered
This course is offered on a Monthly Basis during the following months:
  January
  February
  July
  August
  September
  October
  November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td></td>
<td>6:30</td>
<td>6:30</td>
<td>7:00</td>
<td>6:30</td>
<td>6:30</td>
<td></td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td></td>
<td>-4:00</td>
<td>-4:00</td>
<td>-4:00</td>
<td>-4:00</td>
<td>-4:00</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

July added for 1 student only

You are expected to attend the course Monday through Friday from the first of the month to the end of the month. You are off on weekends and holidays. You are expected to be at morning lecture every work day unless otherwise instructed by your attending/resident.

You may have up to three (3) excused work days during the month. If you miss more than three days, you will have to make these days up on a weekday (NOT week-end or holiday), or you will receive an Incomplete for the course.

If you choose to take call one day, you will have the next day off (unless you choose to be on call on a Friday). The post-call day off does not count as one of your excused work days. You may NOT take call on a weekend or holiday.

**Course Eligibility and Prerequisites**

**Max enrollment**

3

**Eligibility**

  Fourth year
  Visiting Student (from LCME Accredited Medical Schools Only)

**Prerequisites**

  Visiting Students - Letter of Recommendation
  Visiting Students - USMLE Step 1 Exam passing score
Research in Anesthesia & Critical Care
2017-2018 academic year
ANCC 33100 | VAR units

Course Type: Research / Reading

Director:
Anesthesia Faculty

Primary Instructor:

Contact:
Tiffany Schmidt  773-702-0103  tschmidt@dacc.uchicago.edu

Campus:
UCMC

Location on first day:
O-416

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
No

Visiting Students:
No

Last reviewed:
2/23/2017

Overview

Students will participate in ongoing research in the department. Examples of such projects include the neurobiology of pain, pharmacology of and recovery from sedative and anesthetic drugs, intraoperative brain monitoring, evaluating operating room quality and efficiency, and ocular blood flow and ischemia. Various clinical or epidemiological projects are ongoing within the department. The student may design his/her own project under the tutelage of the appropriate faculty.

Objectives

To introduce the student to principles of basic science or clinical research methods, to become exposed to the publication process, and to gain familiarity and expertise in the subject of interest.

Evaluation

Performance will be evaluated based upon fruitful participation and performance in the learning process described above.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
July
August
September
October
November
December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arrange with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

8

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Readings in Anesthesiology and Critical Care
2017-2018 academic year
ANCC 34000 | VAR units
Course Type: Elective - Clinical

Director:
Dr. David Glick
Primary Instructor:
Dr. David Glick 2-5553 dglick@dacc.uchicago.edu
Contact:
Tiffany Schmidt 773-702-0103 tschmidt@dacc.uchicago.edu
Campus:
UCMC
Location on first day:
I-420
Included in Lottery:
No
Included in MedReg:
No
Course can be dropped:
No
Visiting Students:
No
Last reviewed:
2/23/2017

Overview

Although highly variable in conception and execution, this course begins by a student identifying an area of shared interest with a faculty member. Examples of such topics include smoke inhalation, pharmacokinetics of anesthetic drugs, issues in airway management, etc. Following a literature search to insure that the subject can be encompassed in the period of time allocated, the student will critically read the relevant publications under the tutelage of the faculty member. It is expected that a publishable manuscript (Usually a review article) will result.

Objectives

The essence of this course is to improve the student's ability to critically read the literature, evaluate salient aspects, and participate in the writing and editorial process.

Evaluation

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
July
August
September
October
November
December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor be able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

8

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Anesthesia/Critical Care 4th year ICU Elective
2017-2018 academic year
ANCC 34400 | 50 units
Course Type: Elective - Clinical

Director:
Dr. Michael Woo

Primary Instructor:
Dr. Michael Woo 773-834-0383 mwoo@dacc.uchicago.edu

Contact:
Tiffany Schmidt 773-702-0103 tschmidt@dacc.uchicago.edu

Campus:
UCMC

Location on first day:
I-420

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
2/23/2017

Overview

This course is an introduction for Fourth year students to surgical critical care. Students choosing this elective can spend either 2 or 4 weeks on either the Cardiothoracic (CT) ICU, the Burn Unit (BU), the Surgical ICU (SICU) or shift back and forth between them. ICU assignment will be determined by DACC staff based on student preference and service workloads. The care team in all the units includes Anesthesia residents, Surgery residents, ICU fellows, and the Anesthesia/Critical Care attending.

Regardless where the student is assigned, he/she will participate actively in the care of critically ill patients. The student is expected to become an integral member of the ICU service. They are expected to follow at least one patient and assume as much responsibility for the care of that patient as they are able. Students on this rotation are expected to attend both morning and afternoon rounds, as well as a variety of care and teaching conferences associated with the work in these units. Clinical teaching in the ICU is centered on the management of organ system failure, including circulatory failure, respiratory failure, renal failure, and others (management of lines, fluids, pressors, invasive monitoring, respiratory failure, sepsis, nutrition, and sedation). Anesthesia specific topics including transport of critically ill patients, airway management, and pain control may also be addressed. Students will have the opportunity to participate in procedures such as central/arterial line placement, central line changes, IV placement, and chest tube removal as time, circumstance, and their level of competence permit.

There is no mandatory overnight call responsibility, but students are expected to participate every weekday and 1 weekend day per week. Time off may be arranged with the consent of the ICU Attending. All days should be confirmed with the ICU attending, including weekend and holidays. Each student will be expected to prepare and deliver at least one brief presentation of a selected topic relevant to critical care. Examples of such topics in the past include perioperative beta blockade, atrial fibrillation in the ICU, steroid replacement in sepsis, and ventricular assist devices. Members of the ICU team, including the resident, fellow, and attending can assist the student with preparation.

At the end of the rotation, students will be expected to be able to effectively present critically ill patients at ICU rounds, synthesize historical, laboratory, and examination findings, and devise a basic diagnostic and therapeutic plan for the patient. They are also expected to learn basic blood gas and acid-base analysis, basic respiratory and cardiovascular management (including the rational use of mechanical ventilation and pressors). Evaluations will be based on degree of participation, and mastery of expectations as described above.

Objectives

Understand the pathophysiology and management of circulatory failure, respiratory failure, renal failure, sepsis and other organ system failures and complications of critical illness. Develop an organized approach to the ICU patient, including respiratory
failure, invasive monitoring, hemodynamic instability, pain, and sedation. Gain familiarity with procedures. Recognize critical events and learn to prioritize problems.

Note to prospective visiting students: Participation in a visiting rotation, regardless of performance, does not guarantee the offer of an interview.

Evaluation

The student will receive a composite narrative based upon the feedback of the primary residents and Anesthesia/Critical Care attending. The student will be assessed on clinical performance, application of medical knowledge, quality of presentation, and degree of participation.

Schedules Offered

This course is not offered on a Monthly Basis, or no schedule has been set at this time

This course is offered on a Bi-weekly (two week) Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>6:00</td>
<td>6:00</td>
<td>7:00</td>
<td>6:00</td>
<td>6:00</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

“Two week course, offered the 1st-15th OR the 16th-last day of the month.

Two slots per month except for April and September, during which there will be 1 slot. This limitation is because the Burn Unit is typically less busy during these months. Pritzker students take priority over non-Pritzker students.

Eligibility to 4th year students who have completed the 3rd year. Every weekday at 6:30 and extending to 5:00pm. One weekend day per week (typically morning to early afternoon). No mandatory overnight call. Students may, with permission, extend the course to 1 month at 100 credits.”

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility
Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Visiting Students - Letter of Recommendation
Visiting Students - USMLE Step 1 Exam passing score
Clerkship in Anesthesia & Critical Care – Northshore
2017-2018 academic year
ANCC 37000 | 100 units
Course Type: Elective - Clinical

Director:
Dr. Louis Alford and Dr. Arthur Tokarczyk

Primary Instructor:
Dr. Arthur Tokarczyk atokarczyk@hotmail.com
Dr. Louis Alford louisalford@gmail.com

Contact:
Celeste Pates  847-570-2760 cpates@northshore.org

Campus:
Northshore

Location on first day:
Evanston Hospital Main OR Desk

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
2/24/2017

Overview

Students would rotate at Evanston Hospital in the Department of Anesthesia for one month. During this period they would have at least 30 minutes of daily didactic teaching each morning touching on basic anesthesia topics including airway management, pharmacology, and peri-operative patient care. The students will have the opportunity to work on their history taking and physical exam skills on patients for a wide variety of surgical procedures. They will experience being a member of the operating room team as an anesthesia provider. The rotation also provides an excellent opportunity to learn about airway management. They will work under the supervision of a resident training in anesthesia, as well as an attending physician each day.

Prefer applicants considering a career in Anesthesiology.

This course offers an opportunity to witness anesthesia practice in a community hospital setting. This course does not offer contact with University of Chicago faculty involved in residency match selections.

Objectives

The Student will be able to:
1) Write a history and physical that is succinct, but encompasses all pertinent information; admission and daily order and discharge summaries and plans.

2) Understand the fundamentals of mechanical ventilation, fluid management, use of vasopressors and general medical issues including diagnosis and treatment plans of a variety of common medical problems that are encountered in the critically ill patient.

3) Assist in the coordination of communication between all physicians, nurses and other patient care providers.

Evaluation

Each student evaluation will focus on the ability of the student to achieve the above objectives specifically noting the student’s advancement of medical knowledge, improvement of patient care, improvement of interpersonal and communication skills, professionalism, engagement in practice base learning and improvement, and systems based practice. In addition, the students will take a written exam consisting of 20 multiple choice questions that will be part of the final grading.
Schedules Offered

This course is offered on a Monthly Basis during the following months:
July
August
September
October

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>6:30</td>
<td>6:30</td>
<td>6:30</td>
<td>6:30</td>
<td>6:30</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-3:00</td>
<td>-3:00</td>
<td>-3:00</td>
<td>-3:00</td>
<td>-3:00</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Prefer applicants considering a career in Anesthesiology.

Course only offered July-October.

Course Eligibility and Prerequisites

Max enrollment
1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Visiting Students - Letter of Recommendation
Visiting Students - USMLE Step 1 Exam passing score
Sub-Internship in Cardiothoracic Intensive Care
2017-2018 academic year
ANCC 41000 | 150 units

Course Type: Sub-Internship

Director:
Dr. Michael Woo

Primary Instructor:
Faculty in the Dept of Anesthesia and Critical Care @dacc.uchicago.edu
Faculty in the Dept of Surgery 0 surgery@surgery.bsd.uchicago.edu

Contact:
Dr. Michael Woo 773-834-0383 mwoo@dacc.uchicago.edu
Tiffany Schmidt 773-702-0103 tschmidt@dacc.uchicago.edu

Campus:
UCMC

Location on first day:
8S CTICU at 7:00 am

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
No

Last reviewed:
2/23/2017

Overview

This sub-internship experience will take place in the adult cardiothoracic intensive care units (CTICU), where care is provided for 12-25 critically ill patients daily. Over the academic year, nine faculty members, three critical care fellows, and rotating residents from the surgery and anesthesia & critical care residency programs will provide supervision and instruction.

The student participating in this sub-internship will begin the month-long experience assigned to the CTICU team (3 residents, one nurse practitioner). The student will be assigned critically ill patients at the time of admission in the same fashion as would an intern and will be expected to complete most intern-level tasks related to the care of these patients. These tasks include but are not limited to history taking, physical examination, interpretation of monitoring and test results, development of care plan, performing procedures with appropriate supervision, documentation of a plan of care, communication with other care providers, and communication with patients and surrogate decision-makers where appropriate.

Responsibilities

The sub-intern will be responsible for:

• Presenting 1-2 patients on morning and afternoon work rounds. Inherent to this are the following:
  • Data gathering, organization, interpretation, prioritization
  • Generating differential diagnoses, and plans for confirmation/exclusion
  • Generating/executing treatment plans
  • Generating the documentation inherent to the service including:
    • “The list”
    • Admission H&P
    • Daily progress note*
  • Learning how to enter orders into EPIC
  • Participate in hand-offs, either to or from the night call team, alternatively, as part of the night call team.*
  • The sub intern is expected to help with cross coverage of the remainder of the service.*
  • Attending and participating in afternoon lectures.
  • Aligning her/himself with the resident-of-the-day (carrier of #6666). This will ensure that the sub-intern is part of the first response.*
  • Call responsibilities for the 8S sub intern may partake in one of two schedules:
    • Nighttime call: Coincide with an anesthesia resident or the 8S surgical resident.*
    • Daily resident-of-the-day call: In this schedule, night call is replaced by 6-day/week participation.*
*These points are expectations of the sub-internship, in contrast to the 4th year elective in critical care (ANCC 34400).

**Objectives**

- Gather and organize the large quantity of information typical of critically ill adult patients
- Achieve fundamental knowledge and baseline competency for evaluating and treating common critical care scenarios including but not limited to:
  - Shock including hypovolemic, septic, and cardiogenic
  - Support with vasoactive medications
  - Respiratory failure including acute hypoxemic respiratory failure and acute-on-chronic respiratory failure
  - Non-invasive ventilation
  - Invasive mechanical ventilation
  - Sedation and analgesia
  - Acute kidney injury
  - Advanced liver disease
  - Common infectious diseases
  - Surgical management of heart failure including mechanical assist devices and pacemakers
  - Routine postoperative care of the cardiothoracic surgery patient
  - Postoperative care of the transplant patient (heart, lung)
- Perform common critical care procedures
- Actively participate in empathic and comprehensive end-of-life care
- Learn a comprehensive and inter-professional approach to complex critically ill patients
- Appreciate best practices to minimize risk of adverse events in vulnerable patients

**Evaluation**

The student will be evaluated using the Subinternship Student Assessment Form. The evaluation will be completed based on the following:

- Oral presentations
- Written documentation of care plan
- Observation of patient and family encounters
- Participation in small-group learning activities
- Performance as member of inter-professional team

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

**Weekly schedule:**

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Schedule Notes

Students will have on average one day off per week. The day off will not always fall on a weekend.

ONCE SCHEDULED, THIS COURSE CANNOT BE DROPPED UNLESS YOU OBTAIN THE PERMISSION OF THE COURSE DIRECTOR (Michael Woo)

Course Eligibility and Prerequisites

Max enrollment
1

Eligibility
Fourth year

Prerequisites

Pritzker Students Only
Sub-Internship in Surgical and Burn Intensive Care
2017-2018 academic year
ANCC 42000 | 150 units
Course Type: Sub-Internship

Director:
Dr. Michael Woo
Primary Instructor:
Faculty in the Dept of Anesthesia and Critical Care @dacc.uchicago.edu
Faculty in the Dept of Surgery 0 surgery@bsd.uchicago.edu
Contact:
Dr. Michael Woo 773-834-0383 mwoo@dacc.uchicago.edu
Tiffany Schmidt 773-702-0103 tschmidt@dacc.uchicago.edu
Campus:
UCMC
Location on first day:
9N SICU
Included in Lottery:
Yes
Included in MedReg:
Yes
Course can be dropped:
No
Visiting Students:
No
Last reviewed:
2/23/2017

Overview

This sub-internship experience will take place in the adult surgical and burn intensive care units (SICU, Burn Center), where care is provided for 10-20 critically ill patients daily. Over the academic year, nine faculty members, four critical care fellows, and rotating residents from the surgery and anesthesia & critical care residency programs will provide supervision and instruction.

The student participating in this sub-internship will begin the month-long experience assigned to one of two ICU teams (2 residents, one nurse practitioner) that provide care for patients admitted to the Burn Center and the SICU. The student will be assigned critically ill patients at the time of admission in the same fashion as would an intern and will be expected to complete most intern-level tasks related to the care of these patients. These tasks include but are not limited to history taking, physical examination, interpretation of monitoring and test results, development of care plan, performing procedures with appropriate supervision, documentation of a plan of care, communication with other care providers, and communication with patients and surrogate decision-makers where appropriate.

Responsibilities
The responsibilities of the sub-intern are based in the Burn Center (D2ICU) and the Surgical ICU (9N). The sub-intern will be responsible for:

• Presenting 1-2 patients on morning and afternoon work rounds. Inherent to this are the following:
  • Data gathering, organization, interpretation, prioritization
  • Generating differential diagnoses, and plans for confirmation/exclusion
  • Generating/executing treatment plans
  • Generating the documentation inherent to the service including:
    • “The list”
    • Admission H&P
    • Daily progress note*
  • Learning how to enter orders into EPIC
  • Participate in hand-offs, either to or from the night call team, alternatively, as part of the night float call team.*
  • The sub intern is expected to help with cross coverage of the remainder of the student’s service as well as the alternative ICU.*
  • Attending and participating in afternoon lectures.
  • Aligning her/himself with the resident-of-the-day (carrier of #2428 in D2 or #4428 in 9N). This will ensure that the sub-intern is part of the first response to any call.*
  • Call responsibilities for the D2/9N sub intern may partake in one of two schedules:
• Nighttime call: Coincide with the D2 or 9N anesthesia resident or the 9N surgical resident.*
• Daily resident-of-the-day call: In this schedule, night call is replaced by 6-day/week participation.*

*These points are expectations of the sub-internship, in contrast to the 4th year elective in critical care (ANCC 34400).

Objectives

• Gather and organize the large quantity of information typical of critically ill adult patients
• Achieve fundamental knowledge and baseline competency for evaluating and treating common critical care scenarios including but not limited to:
  o Shock including hypovolemic, septic, and cardiogenic
  o Support with vasoactive medications
  o Respiratory failure including acute hypoxemic respiratory failure and acute-on-chronic respiratory failure
  o Non-invasive ventilation
  o Invasive mechanical ventilation
  o Sedation and analgesia
  o Acute kidney injury
  o Advanced liver disease
  o Common infectious diseases
  o Thermal injury evaluation and surgical management
  o Complex wound care
  o Routine critical postoperative care of the surgical patient
  o Postoperative care of the transplant patient (kidney, liver)
  • Perform common critical care procedures
  • Actively participate in empathic and comprehensive end-of-life care
  • Learn a comprehensive and inter-professional approach to complex critically ill patients
  • Appreciate best practices to minimize risk of adverse events in vulnerable patients

Evaluation

The student will be evaluated using the Subinternship Student Assessment Form. The evaluation will be completed based on the following:
• Oral presentations
• Written documentation of care plan
• Observation of patient and family encounters
• Participation in small-group learning activities
• Performance as member of inter-professional team

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
  June
  July
  August
  September
  October
  November
  December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:
<table>
<thead>
<tr>
<th>AM</th>
<th>6:00 -</th>
<th>6:00 -</th>
<th>6:00 -</th>
<th>6:00 -</th>
<th>6:00 -</th>
<th>6:00 -</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td>-</td>
<td>-8:00</td>
<td>-5:00</td>
<td>-4:00</td>
<td>-4:00</td>
<td>-8:00</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Students will have on average one day off per week. The day off will not always fall on a weekend.

**ONCE SCHEDULED, THIS COURSE CANNOT BE DROPPED UNLESS YOU OBTAIN THE PERMISSION OF THE COURSE DIRECTOR (Michael Woo)**

**Course Eligibility and Prerequisites**

- **Max enrollment**
  - 1

- **Eligibility**
  - Fourth year

- **Prerequisites**
  - Pritzker Students Only
Neuroscience of Pain and Opioids
2017-2018 academic year
ANCC 43001 | 50 units
Course Type: Selective - Basic Science

Director:
  Kevin Hellman, PhD
Primary Instructor:
  David Dickerson, MD ddickerson@dacc.uchicago.edu
  Kevin Hellman, PhD 872-226-7124 khellman@northshore.org
Contact:
  Kevin Hellman, PhD  872-226-7124 khellman@northshore.org
Campus:
  UCMC
Location on first day:
  TBA
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  Yes
Visiting Students:
  Yes
Last reviewed:
  3/22/2017

Overview

The prevalence and impact of chronic pain and the resulting complications stemming from opioid treatment, including addiction and overdose, are well known in contemporary medical practice. Understanding the mechanisms of both pain and opioids are an important foundation for those who prescribe these medications as well as physician-scientists who wish to develop better options for the future.

This course is designed to be a guided tour through the primary opioid and pain literature focused on teaching how to critically evaluate scientific papers while simultaneously learning about the scientific basis for opioid use in modern pain medicine.

The experience of going through the primary literature will provide a foundation for students who wish to educate themselves and their patients on the frontiers of pain research. We will examine the most clinically relevant scientific articles, review articles, and policy statements on the mechanisms of pain and opioid analgesia/addiction. We will also discuss case studies relevant to the selected articles.

Objectives

By the end of this elective you will be:
1.) Better equipped to evaluate merit of basic research publications.
2.) Able to explain to colleagues or patients the scientific evidence for the causes of pain and mechanisms of opioid analgesia
3.) Have a basic foundation of some of the important scientific literature on pain that will allow you to accelerate your own research
4.) Be aware of the limitations in pain research so you can better explain to patients why they are suffering and opioids provide ineffective relief for chronic pain
5.) Be informed of current research guiding public policy.

Evaluation
Evaluation will be based on attendance and participation in class discussion of the primary literature. Students who need to miss more than one class must make prior arrangements with the course directors.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:

- **January**

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

**Weekly schedule:**

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>5:00 -6:30</td>
<td>-</td>
<td>5:00 -6:30</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

**Course Eligibility and Prerequisites**

**Max enrollment**

- 10

**Eligibility**

- Fourth year
- Visiting Student (from LCME Accredited Medical Schools Only)
Advanced Cardiovascular Life Support (ACLS)
2017-2018 academic year
EMED 30700 | 25 units
**Course Type:** Elective - Clinical

**Director:**
Joseph Reid, MSN, RN

**Primary Instructor:**
Joseph Reid, MSN, RN  joseph.reid@uchospitals.edu

**Contact:**
Melissa Cappaert, MA  773-834-7929  mcappaert@bsd.uchicago.edu

**Campus:**
UCMC

**Location on first day:**
Mitchell 6SE

**Included in Lottery:**
No

**Included in MedReg:**
Yes

**Course can be dropped:**
Yes

**Visiting Students:**
No

**Last reviewed:**
7/31/2017

**Overview**

The sole purpose of the ACLS class is education in the management of patients in arrest or near arrest. The ten core cases are discussed followed by skill stations.

ACLS certifications remain active for 2 years after successful completion of the course.

**Objectives**

Knowledge and management of patients in cardiac arrest or near arrest following the current American Heart Association guidelines.

**Evaluation**

Must attend the entire course and pass written exam, airway management, and CPR/AED skills.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:
- January
- March
- April
- May

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

**Weekly schedule:**

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>8:30</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

AM
Schedule Notes

The course is one day format and begins at 8:30 - 4:30 pm. Students must sign up for their choice in the registration system.

Cannot ADD or DROP less than 2 Weeks before class begins. Must email Maureen Okonski mokonski@bsd.uchicago.edu for any drops.

Offered only in the Winter and Spring. The sole purpose of the ACLS class is education in the management of patients in arrest or near arrest. The ten core cases are taught via lecture and skills station.

Dates for 2018
January 3, 2018
February 7, 2018
March 7, 2018
April 4, 2018
May 2, 2018

Course Eligibility and Prerequisites

Max enrollment
24

Eligibility
Fourth year

Prerequisites
Other: Current Certification in BLS
Emergency Medicine Clerkship
2017-2018 academic year
EMED 31200 | 125 units
Course Type: Emergency Medicine

Director:
Dr. Keme Carter
Primary Instructor:
Dr. Keme Carter 2-7751 kcarter@medicine.bsd.uchicago.edu
Contact:
Debra Milton 773-702-0351 dmilton@medicine.bsd.uchicago.edu
Campus:
UCMC
Location on first day:
L-523
Included in Lottery:
Yes
Included in MedReg:
No
Course can be dropped:
No
Visiting Students:
Yes
Last reviewed:
1/13/2016

Overview

This clerkship is a one-month rotation. Students complete the clinical portion of the rotation at the U of C or NorthShore depending on lottery results. Students will have the opportunity to care for patients with a wide range of medical, surgical, and obstetrical/gynecological disorders. They will have a unique opportunity to assess the undifferentiated patient who is often acutely ill. The rotation will provide the students with experience in rapid patient assessment and the opportunity to simultaneously manage multiple patients. We will help the student master the prioritization of care for the individual patient and acquire triage principles required to care for multiple patients in the Emergency Department setting. Orientation will be held on the first day of the rotation and is mandatory, no exceptions. Students will take part in weekly simulation and didactic sessions and must attend all sessions to successfully complete the clerkship.

Objectives

The emergency medicine clerkship is designed to give students experience in the management of patients with a wide variety of medical conditions, ranging in acuity from the ambulatory stable patient to the critically ill or injured patient. Students will apply clinical knowledge in conducting an appropriate history and physical examination, directed versus comprehensive, based on the patient's presenting chief complaint.

Evaluation

Students will be evaluated by attending and resident physicians on their ability to perform a focused history and physical, develop appropriate differential diagnoses, propose appropriate diagnostic evaluation and treatment plans, assess and stabilize critically ill patients, and prioritize care for multiple patients. Students will take a final exam and complete a case presentation at the end of the clerkship.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Students are not to make any plans that involve multiple days off in a row during their Emergency Medicine Clerkship. Student schedules are chosen from a template and no schedule changes can be made to the template without prior approval from the clerkship director.

Visiting students will need to provide their own transportation in order to commute to NorthShore Hospital for the weekly required simulation/didactic sessions.

Course Eligibility and Prerequisites

Max enrollment

6

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of the Department
Emergency Medicine Clerkship - NorthShore
2017-2018 academic year
EMED 84700 | 125 units

Course Type: Emergency Medicine

Director:
Northshore Director: Joanna Davidson, MD

Primary Instructor:
Joanna Davidson, MD JDavidson2@northshore.org
Dr. Keme Carter 2-7751 kcarter@medicine.bsd.uchicago.edu

Contact:
Tabitha Rosca trosca@northshore.org

Campus:
Northshore

Location on first day:
Orientation in Hyde Park at University of Chicago in L-523

Included in Lottery:
Yes

Included in MedReg:
No

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
5/16/2017

Overview

This clerkship is a one-month rotation at Northshore. Students will have the opportunity to care for patients with a wide range of medical, surgical, and obstetrical/gynecological disorders. They will have a unique opportunity to assess the undifferentiated patient. The rotation will provide the students with experience in rapid patient assessment and the opportunity to simultaneously manage multiple patients. We will help the student master the prioritization of care for the individual patient and acquire triage principles required to care for multiple patients in the Emergency Department setting. Orientation will be held at the University of Chicago on the first day of the rotation and is mandatory, no exceptions. Students will take part in weekly simulation and didactic sessions and must attend all sessions to successfully complete the clerkship.

Objectives

The emergency medicine clerkship is designed to give students experience in the management of patients with a wide variety of medical conditions, ranging in acuity from the ambulatory stable patient to the critically ill or injured patient. Students will apply clinical knowledge in conducting an appropriate history and physical examination, directed versus comprehensive, based on the patient’s presenting chief complaint.

Evaluation

Students will be evaluated by attending and resident physicians on their ability to perform a focused history and physical, develop appropriate differential diagnoses, propose appropriate diagnostic evaluation and treatment plans, assess and stabilize critically ill patients, and prioritize care for multiple patients. Students will take a final exam and complete a case presentation at the end of the clerkship.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Students are not to make any plans that involve multiple days off in a row during their Emergency Medicine Clerkship. Student schedules are chosen from a template and no schedule changes can be made to the template without prior approval from the clerkship director.

team 1 6-2
team 1 2-10
team 2 4-12
team 2 10-6

For the duration of the rotation visiting students will need to provide their own transportation while rotating at NorthShore Hospital.

Course Eligibility and Prerequisites

Max enrollment

5

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Family Medicine
Fourth Year Electives

2017-2018
Overview

During this wonderful 2 week or month-long elective, one 4th year U of C medical student will participate in the care of patients at outpatient clinical sites with various Integrative Medicine specialists at private and public clinics on the North and South side of Chicago. The student will be provided 20 hours of online learning modules from the renowned University of AZ Integrative Medicine fellowship. The student will begin to learn the tools necessary to educate patients on healthy diets, vitamins and supplements, and macronutrients; counsel patients on appropriate physical activity; learn the implications of stress with methods of stress management; identify sleep disorders and recommend options; and understand how to assess and counsel patients in decision making for sustained health and wellness.

The rotation also includes presentations by U of C and outside IM faculty on a variety of topics like an introduction to integrative medicine (IM), IM research,
the difference between IM and complementary and alternative medicine (CAM), and IM approaches to various health conditions.

The student will be expected to complete a patient handout focusing on Integrative Medicine during the elective. The specifics of the project to be determined by the student in collaboration with their supervising preceptor. Lastly, an important aspect of the rotation is a focus on personal growth and reflection. The student may have the opportunity to attend local or regional Integrative Medicine conferences that occur during these block times.

If you choose to do this over a 2 week block, please indicate that as your preference.

Evaluations must be completed by the student before final grade is submitted to the University.

The following conferences may be possible to attend:
February-Integrate Chicago-Feinberg School of Medicine, Northwestern
May 2018-Int'l Research Congress for Integrative Medicine and Health-Baltimore, MD

Objectives

1. Demonstrate an understanding of the scope of integrative medicine and the role that IM physicians play in the context of the larger healthcare system.

2. Appreciate the differences in the way in which integrative physicians care for adults, children, and pregnant women compared with current conventional practice.

3. Develop competency in caring for patients beyond the biomedical approach, encompassing the mind, body and spirit. Understand the basic principles of anti inflammatory diet.

4. Develop advancing clinical skills in independently assessing and treating patients from a broad spectrum of ages, both genders, and with healthcare concerns involving preventive care, acute care, and chronic disease management with an integrative medical approach.

5. Attain tools for counseling and motivating patients from an integrative medical perspective. Satisfactorily complete the online curriculum modules.
6. Complete a patient handout on a mutually agreed upon topic.

Evaluation

Clinical performance assessed as satisfactorily or better by course director with input from all participating clinicians.

Satisfactory completion of all assigned online modules prior to the end of the rotation.

Evaluation of the patient handout created by the student.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  March
  April
  September

This course is offered on a Bi-weekly (two week) Basis during the following months:
  March
  April
  September

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Credit determined by: clinical performance, attendance, participation, online curriculum module completion and project completion quality.

Students can only miss 1-2 days, upon approval of the instructor.
All conferences will include a weekend.

Course Eligibility and Prerequisites

Max enrollment
1

Eligibility

Fourth year

Prerequisites

Other: Completion of third year Clerkship
Primary Care Sports Medicine - NorthShore
2017-2018 academic year
FMED 45000 | 100 units
Course Type: Elective - Clinical

Director:
Carrie Jaworski, MD
Primary Instructor:
Carrie Jaworski, MD cjaworski@northshore.org
Contact:
Damaris Chaparro 847-657-1884 dchaparro@northshore.org
Campus:
Northshore
Location on first day:
Glenbrook Family Care Center, Glenbrook Hospital, 2050 Pfingsten Road, Suite 200
Glenview, IL 60026
Included in Lottery:
Yes
Included in MedReg:
Yes
Course can be dropped:
No
Visiting Students:
Yes
Last reviewed:
3/23/2016

Overview

This elective is based primarily at the Glenbrook Family Care Center at Glenbrook Hospital, the outpatient training site for The University of Chicago (NorthShore) Family Medicine Residency Program and the Primary Care Sports Medicine Fellowship.

The student will participate in the care of patients encompassing the full range of sports medicine. This includes both musculoskeletal and medical conditions that affect athletes. Patients will be seen primarily in the office setting. There are also experiences in the training room and athletic events of a local high school with student athletes and athletic trainers. Sports Medicine
related office procedures are performed at the center.

Attendance is expected at the weekly Sports Medicine didactic session.

Objectives

The medical student will learn how to approach, diagnose, and treat acute & chronic sports-related injuries and conditions. The student will help athletes safely condition, stretch, and train to prevent injury. In addition, the medical student will be trained in basic fundamentals of sports medicine, as well as the role/use of physical therapy in treatment and injury prevention.

Evaluation

Written evaluation will be done course director with input from all attendings, SM fellow, resident physicians and athletic room trainers with whom the student has worked.

Student will show competency in evaluating patients, physical exam skills, patient education and in a formal presentation in conference or journal club.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
   April
   September

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:
<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Saturday may be required for High School athletics.

**Course Eligibility and Prerequisites**

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Other: Third Year Medical Clerkship
Overview

This Sub-Internship in Family Medicine is based at Glenbrook Hospital within the NorthShore University Health System, the main teaching affiliate of the University Of Chicago Pritzker School Of Medicine. Students are expected to function as an intern rotating in the adult inpatient service of the Department of Family Medicine with the residents and attending faculty of the U of C Family Medicine residency program. Students are engaged as full partners on the Family Medicine team in the care of inpatients. The students will be specifically working on admitting patients to the inpatient wards, documenting history and physicals and
helping to establish the medical assessment and treatment plans. The usual hours for the rotation are from 6 am to 6 pm, Sunday through Friday plus one of the four weeks in our night float from 5 pm -7 am. Consults also occur in Family Medicine In-Patient, Psychiatry, Surgery, Gynecology and Pediatrics. Conferences are scheduled for one full afternoon per week. The department is known for its blend of using the best in patient centered interviewing with evidence-based approaches to assessment and management. Learning also takes place during daily multidisciplinary pharmacy rounds.

During this rotation, students will develop the skills to ready themselves to serve as an independent intern in their internship year within a supportive, learning centered environment. The faculty and residents are committed to giving the student an excellent rotation of learning-while-doing in caring for our patients!

Objectives

At the completion of this rotation, sub-interns should be able to:

1. Appropriately assess and manage inpatients that present with or develop one or more of the following problems:
   A. Abdominal Pain
   B. Acute Gastrointestinal bleeding
   C. Chest Pain
   D. Common Arrhythmias
   E. Congestive Heart Failure
   F. Delirium
   G. Dementia
   H. Drug and Alcohol Withdrawal
   I. Electrolyte and acid-base disorders
   J. Glycemic Control
   K. Hypertensive urgencies and emergencies
   L. Pneumonia
   M. Severe Asthma
   N. Severe Pain conditions
2. Appropriately assess and make recommendations for In-Patient consults for Family Medicine Psychiatry, OB and Pediatrics.

3. Further refine effective communication skills with patients, family members, colleagues, nursing and other staff team members, including effective 'hand-offs' of clinical information to immediate team members.

4. Know how to effectively coordinate patient care including effective utilization of consultants.

Evaluation

Grading is determined by a student's performance in two areas:
1. 90% Clinical performance, focusing on good evidence-based clinical problem solving within a framework of family-centered patient communication and education. Evaluation is organized by ACGME competencies; Medical Knowledge, Patient Care, Professionalism, Interpersonal and Communication Skills and Practice Based Learning/Life Long Learning.
2. 10% Presentation of weekly didactic learning topics to the team.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
August
September
October
November
December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
</tr>
<tr>
<td>PM</td>
<td>5:00</td>
<td>-6:00</td>
<td>-6:00</td>
<td>-6:00</td>
<td>-6:00</td>
<td>-6:00</td>
</tr>
</tbody>
</table>

Schedule Notes

Permission is required to drop.

Schedule requires 1 week from 5:00 pm to 7:00 am (Sunday-Friday)

Permission is required to excuse absences from school-required or optional extra-curricular activities. Students are expected to be present daily and consistently during their month as an acting intern and maintain the same schedule as the rest of the interns on the team.

On month notice is required to drop this course once enrolled. One month notice is required for any requested absences to be approved.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility
Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Other: Third Year Medical Clerkship
Empowering Clinicians-in-Training to Address Domestic Violence
2017-2018 academic year
FMED 50300 | 50 units
Course Type: Elective - Clinical

Director:
  Dr. Sonia Oyola
Primary Instructor:
  Dr. Susan Glick sglick@medicine.bsd.uchicago.edu
  Sonia Oyola, MD soyola@bsd.uchicago.edu
Contact:
  soyola@bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  Dept of Family Medicine
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  Yes
Visiting Students:
  Yes
Last reviewed:
  2/24/2017

Overview

Over the next two weeks, you will participate in an innovative, intra-professional domestic violence course. You will practice the skills necessary for advocacy, screening empathically and review the ways to assist a patient affected by domestic violence. You will explore the definition of DV, the cycle of violence, validated screening tools, what it means to do a safety assessment, the steps for harm reduction, mandatory reporting and how to refer patients to DV to the allied social service professionals in the community.
Objectives

By the end of this 2 week elective, we hope you are better able to:
1. Discuss the definition of Domestic Violence (DV)
2. Practice establishing rapport and perform compassionate screening
3. State the risk factors for becoming victimized or perpetrating DV
4. Recognize the common diseases and conditions associated with DV
5. State current Medical Provider Responsibilities and Obligations: Illinois Statute and Illinois Domestic Violence Act
6. Perform a basic safety assessment and safety planning counseling
7. Identify HIPPA laws and when you are a mandated reporter
8. Discuss an algorithm to manage persons in acute and chronic DV
9. Identify and explain what DV resources exist for survivors of domestic violence
10. Identify and collaborate with Social Service, Legal, Law Enforcement and Community Outreach Organizations assisting persons affected by Domestic Violence

Evaluation

Pre and Post elective exams will be administered; Practice DV Screening Sessions will be evaluated by the faculty

Schedules Offered

This course is not offered on a Monthly Basis, or no schedule has been set at this time

This course is offered on a Bi-weekly (two week) Basis during the following months: March
Weekly schedule:

<table>
<thead>
<tr>
<th>AM</th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9:00</td>
<td>1:30</td>
<td>9:00</td>
<td>10:00-10:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>-11:00-5:00</td>
<td>-11:00</td>
<td>12:00</td>
<td>1:00</td>
</tr>
<tr>
<td>PM</td>
<td>2:00</td>
<td></td>
<td>2:00</td>
<td>1:00</td>
<td>3:00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>-6:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-7:00</td>
</tr>
</tbody>
</table>

Schedule Notes

March 1-15

Course Eligibility and Prerequisites

Max enrollment

8

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites
Reproductive Health
2017-2018 academic year
FMED 50500 | 100 units
Course T ype: Elective - Clinical

Director:
   Dr. Debra Stulberg
Primary Instructor:
   Dr. Debra Stulberg 773-834-1356 stulberg@uchicago.edu
Contact:
   Dr. Debra Stulberg 773-834-1356 stulberg@uchicago.edu
   Shewanna Wackman  773.834.6852 swackman@bsd.uchicago.edu
Campus:
   UCMC
Location on first day:
   M146
Included in Lottery:
   No
Included in MedReg:
   No
Course can be dropped:
   Yes
Visiting Students:
   Yes
Last reviewed:
   2/24/2017

Overview

** Contact Dr. Stulberg (stulberg@uchicago.edu) before registering for this course to check availability during the dates you are interested **

Family physicians, as well as outpatient clinicians from many specialties, encounter a variety of common reproductive health concerns. This course aims to prepare senior medical students – especially those who anticipate a primary care career – for the range of sexual and reproductive health concerns that arise in practice. These include abortion, family planning, sexually transmitted infections, sexuality and wellness, and cancer screening and diagnosis. Students will work with faculty at several
outpatient clinics around the Chicago area that provide comprehensive reproductive health care. Students will participate in all aspects of patient care, including: history-taking, counseling, physical exam including pelvic and genitourinary exams, and procedures. Students will have the opportunity under appropriate supervision to perform or assist with procedures that patients seek, including: Pap smears, STI screenings, insertion and removal of contraceptive devices, and pregnancy termination (medical and surgical).

Objectives

1) Provide patient-centered counseling on the full scope of contraceptive options. This includes demonstrating a mastery of the content knowledge regarding different contraceptive methods, their indications and contraindications; and attitudes and skills for effectively counseling the wide range of patients seeking family planning advice.

2) Provide patient-centered counseling on options for patients facing an unintended, undesired and/or medically complicated pregnancy, or a pregnancy loss. This includes mastery of the content knowledge regarding abortion, adoption, miscarriage, pregnancy and parenting; and attitudes and skills for effective counseling of patients facing complex and often difficult life situations.

3) Take a thorough, non-judgmental sexual history focusing both on risk-related behaviors and sexual wellness, among diverse patient populations.

4) Know the indications for a female pelvic exam and male genitourinary exam, and perform the exams so as to collect adequate clinical information, lab specimens, and maintain patient comfort. This includes mastery of information
regarding screening and diagnosis of cervical cancer and other reproductive tract cancers and sexually transmitted infections; procedural skills such as speculum use (insertion and removal); cervical, vaginal, and urethral specimen collection; and interpersonal skills to put patients at ease during an exam that many find awkward or uncomfortable.

5) Assist in reproductive health procedures, including: pregnancy termination, and insertion and removal of intrauterine devices and contraceptive implants.

**Evaluation**

Students are expected to demonstrate eagerness to learn, patient-centered care, and to be helpful, professional members of the clinic team. Every student must create a final project, which could include a literature review and write-up, a patient educational handout, a peer education presentation, or other formats. Topic, scope, and format will be decided in discussion with the course director.

Course evaluation is based primarily on feedback from clinical preceptors (approx 75%). Performance on the final project also plays a role (approx 25%).

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:

- January
- February
- March
- April
- May
- June
- July
- August
- September
This course is offered on a Bi-weekly (two week) Basis during the following months:

January
February
March
April
May
June
July
August
September
October
November
December

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>

Schedule Notes

No Call
Specific schedule will vary slightly from month to month. Contact course director for specific faculty one month before start of rotation.

Can do 2 weeks for 50 units.

Course Eligibility and Prerequisites

Max enrollment
Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Human Genetics
Fourth Year Electives

2017-2018
Application of Scientific Advancements to Disease Detection and Management
2017-2018 academic year
HGEN 30100 | 75 units
Course Type: Selective - Basic Science

Director:
  Dr. Darrel Waggoner
Primary Instructor:
  Waggoner, Darrel (773) 834-0555 dwaggone@genetics.uchicago.edu
Contact:
  Dr. Darrel Waggoner (773) 834-0555 dwaggone@genetics.uchicago.edu
Campus:
  UCMC
Location on first day:
  TBA in email sent prior to start of rotation
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  Yes
Visiting Students:
  No
Last reviewed:
  3/7/2016

Overview

Designed for fourth year students with an interest in genetic diseases. Focus will be on understanding genetic research, including the human genome project and how these advances are translated to clinical practice. Genetic diseases will be used to facilitate a scientific literature review to gain a better appreciation of how genetic advances contribute to the understanding of the physiology of the disease processes. Sessions will focus on understanding the science, but specifically concentrate on how the information can be used to improve diagnosis, affect counseling of families, and result in better therapeutic options in patient care.

Objectives

To give students a better understanding of how to obtain genetic information about disease processes,
understand the advancements in technology, and be able to apply this knowledge to detection and diagnosis of various diseases.

Evaluation

Evaluation will be based on class attendance and participation. Students who need to miss more than one class must make prior arrangements with course director.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  February

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1:00</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1:00</td>
<td>1:00</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-3:00</td>
<td>-3:00</td>
<td>-3:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course cannot be added or dropped after 1/1/2016.

Course Eligibility and Prerequisites

Max enrollment

20

Eligibility
Fourth year

Prerequisites
Overview

The technological advances in biomedical research that allow high-throughput methods mean vast data sets are rapidly becoming the norm in the field. This course is intended to introduce medical students in their M4 year to the challenges and opportunities of big data in clinical and translational contexts.

Topics will include:
the extent of natural genetic variability in genetics; human genetics and the association with disease; non-genetics databases (such as Medicare) and how they are used for research; mapping complex disease loci using large datasets; causal inference; the future of bioinformatics.

A background in computing is not required, but may be useful. This 12-session course will include both lectures and hands-on computational “labs.” Each session will have a formal 50 minute lecture followed by a hands-on session with real data sets and programs students would become familiar with. The
lectures will be given by faculty with senior postdocs running the associated computer labs.

Objectives

To create educated consumers of large datasets, who will understand translational research questions that can be addressed, how to direct bioinformatics collaborators, or interpret big data studies for patients.

Evaluation

Full participation in lecture and labs is required. Students will be evaluated through participation and completion of the labs and homework problem sets.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  February

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>9:00</td>
<td>-</td>
<td>9:00</td>
<td>-</td>
<td>11:00--</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-12:00</td>
<td>-</td>
<td>-12:00-2:00</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes

Meets 2/1-2/27

Priority is given to ISTP students

Course Eligibility and Prerequisites
Max enrollment

20

Eligibility

Fourth year

Prerequisites
Reading Elective in Quality Improvement and Patient Safety
2017-2018 academic year
MEDC 48000 | 25 units
Course Type: Research / Reading

Director:
  Dr. Lisa Vinci
Primary Instructor:
  Dr. Julie Oyler 773-834-7055 joyler@medicine.bsd.uchicago.edu
  Dr. Lisa Vinci lvinci@medicine.bsd.uchicago.edu
Contact:
  Dr. Lisa Vinci 773-834-7055 lvinci@medicine.bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  MH L339
Included in Lottery:
  No
Included in MedReg:
  Yes
Course can be dropped:
  No
Visiting Students:
  No
Last reviewed:
  3/16/2017

Overview

This course is a self-study reading elective. Students will be required to complete all 17 Institute of Healthcare Improvement modules and receive a certificate. They will meet with Dr. Oyler for 2 hours to review quality improvement principles learned and Dr. Vinci for 2 hours to review Patient Safety Principles learned.

Objectives

At the completion of the elective students will be able to: Explain the components of the Model for Improvement and give an example of a project with these components Complete a project proposal using the Model for Improvement approach Choose appropriate measures for a quality improvement project Explain current patient safety terminology Explain key components of a root cause analysis.
Evaluation

Students will complete a Quality Improvement self assessment survey before and after the course. The assessment include a self rating of comfort with various QI skills and 3 clinical scenarios which require the student to develop a QI project proposal to address a quality or safety problem.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  November
  December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>1:00</td>
<td>3:00</td>
<td>-</td>
<td>1:00</td>
<td>-</td>
<td>-3:00</td>
</tr>
</tbody>
</table>
<pre><code>| -3:00| -5:00| -3:00|
</code></pre>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

5

Eligibility

Fourth year
Prerequisites

Consent of Instructor
Overview

The course consists of a concentrated program on the inpatient cardiology service. It differs from the third year clerkship by assignment of additional responsibilities to the student, consistent with his/her experience as a Fourth year student. This is often equivalent to internship responsibility, but with fewer patients. The clerkship also offers opportunity for experience with all modern cardiac diagnostic procedures including electrocardiography, cardiac catheterization, angiography, electroconversion, pacemaker insertion, etc. Participation in attending rounds, clinical seminars and special clinical sessions is required. Care of coronary care unit patients are no longer part of this rotation.

Objectives

To assume the role of an intern under the guidance of a cardiology resident and attending physician. To
experience and learn the knowledge and skills of inpatient cardiology.

Evaluation

Daily clinical evaluations with a summary evaluation at the end of the month.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
   February
   March
   April
   July
   August
   September
   October
   November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

ONCE SCHEDULED, THIS COURSE CANNOT BE DROPPED UNLESS A REPLACEMENT IS FOUND. STUDENTS MAY NOT SCHEDULE ABSENCES DURING THIS ROTATION

The experience is one month in duration. Students will be assigned to a day team with every fourth day call for most of the rotation, with 5 night shifts at the end of the month, and 1 day off per week on average.

This course is a full-time inpatient experience resembling that of an inpatient medicine intern.
Rotations begin on the first day and end on the last day of the month. All students are required to participate in an orientation with Dr. Altkom. The day before the rotations begins, page resident for instructions.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year

Prerequisites

Pritzker Students Only
Overview

This course in invasive cardiovascular diagnostics and interventional (minimally-invasive and catheter-based) therapeutics is offered to one Fourth year student per month throughout the year. The student examines patients scheduled for cardiac catheterization, coronary and peripheral vascular angiography and angioplasty, discusses the clinical presentation with the multidisciplinary cardiac catheterization team, and participates in the invasive procedures routinely being performed in the cath lab and hybrid operating room. The student also attends and participates in weekly catheterization and section conferences at which clinical topics are discussed.

In addition, the student will be exposed to analysis of hemodynamic parameters and interpretation of angiograms, vascular/intravascular ultrasounds as well as other relevant cardiovascular imaging modalities. The student will work directly with Cath Lab attendings, faculty and fellows. Instruction in the analysis of hemodynamic parameters, calculations of valve areas and flows and interpretation of coronary, peripheral and
structural angiograms is offered. Additionally the student will gain exposure to the invasive management of structural heart disease, cardiomyopathy and shock, inclusive of mechanical circulatory support devices (IABP, Impella, ECMO, etc). Interested students will have the opportunity to participate directly in procedures as well as learn of opportunities to become involved in ongoing cardiovascular research.

Objectives

This course is designed to provide the student with an understanding of the clinical pathophysiology of cardiovascular, valvular and congenital heart diseases, coronary artery disease, peripheral vascular disease and cardiomyopathy. Major emphasis is given to the correlation between the clinical examination, noninvasive studies and the catheterization and angiographic data obtained in the laboratory and hands-on practical procedural instruction under the direct supervision of Interventional Cardiology attending physicians.

Evaluation

Participation in catheterization laboratory activities and conferences.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.
Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>7:30</td>
<td>8:00</td>
<td>7:30</td>
<td>8:00</td>
<td>7:30</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>

Schedule Notes

NOTE: ONCE SCHEDULED, THIS COURSE CANNOT BE DROPPED UNLESS A REPLACEMENT IS FOUND.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Overview

The goal of this course is to provide an electrophysiologic perspective on ECG interpretation. There will be four areas of focus:

1. Establishing an understanding of a normal tracing
2. Approach to bradyarrhythmia
3. Approach to tachyarrhythmia
4. Approach to ischemia

Some rhythm strips will also be covered in addition to standard 12 lead tracings. Tracings covered in the course will be placed in the Department of Medicine's Office of Student Programs by approximately January 16th --- to be picked up by course registrants (Only).

Please take the opportunity to review tracings before the two-session course on Wednesday and Thursday, January 25-26, 2017 during 5:00-7:15 p.m. The course format is to review each tracing in detail with the goal of involving one another in discussion and elaboration. The goal is to broaden general understanding of ECG interpretation and provide a foundation with which to build through internship and residency. You will learn skills that will help you in the middle of the night, but
our goal is to expand beyond a “cook-book” approach to ECGs. Please note that this course does not assume registration for the subsequent February course on acute care/arrhythmias and will focus on ECG analysis (i.e. this course will cover ECG interpretation, but not clinical presentation or treatment of arrhythmia).

Objectives

To provide an electrophysiologic perspective and approach to basic 12-lead ECG interpretation

Evaluation

By attendance (must attend both sessions).

Schedules Offered

This course is not offered on a Monthly Basis, or no schedule has been set at this time

This course is offered on a Bi-weekly (two week) Basis during the following months: January

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>5:00</td>
<td>5:00</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-7:15</td>
<td>-7:15</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Jan 24,25 @ 5:00-7:15 pm
M137

Two Session Course

Course Eligibility and Prerequisites
Max enrollment

100

Eligibility

Fourth year

Prerequisites

Pritzker Students Only
Cardiac Arrhythmia Service
2017-2018 academic year
MEDC 50400 | 100 units
Course Type: Elective - Clinical

Director:
   Dr. Hemal Nayak
Primary Instructor:
   Hemal Nayak, MD hnayak@bsd.uchicago.edu
Contact:
   Debra Milton 773-702-0351 dmilton@medicine.bsd.uchicago.edu
Campus:
   UCMC
Location on first day:
   M551
Included in Lottery:
   Yes
Included in MedReg:
   Yes
Course can be dropped:
   Yes
Visiting Students:
   Yes
Last reviewed:
   1/25/2017

Overview

Students will work directly with cardiac arrhythmia service (faculty and fellows) while participating in multiple aspects of the evaluation and management of cardiac arrhythmias. The experience will have four major components; 1) Outpatient evaluation and management of arrhythmias; 2) Inpatient arrhythmia consult services; 3) Outpatient device management; 4) Procedural and invasive management of arrhythmias. Student will work with faculty in clinic setting, on inpatient consults, in the device lab, and in the operating room over the course of the elective.

Objectives
1. To develop skills in obtaining accurate history, in performing physical examinations of adult cardiac arrhythmia patients, in evaluating diagnostic testing for arrhythmias, and in developing an appropriate treatment plan.
2. To develop an advanced approach to reading ECGs and developing a differential diagnosis.
3. To better understand the basic physiology of arrhythmia mechanisms and response to pharmacologic and non-pharmacologic treatment.
4. To expand knowledge base and familiarity with cardiac implantable devices and treatment options in the management of cardiac arrhythmias as well as congestive heart failure.
5. To gain basic understanding of current topics in cardiac arrhythmia research.

Evaluation

Participation in clinical setting and discussion with clinical faculty. Student will prepare presentation on topic in electrophysiology for evaluation by faculty.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
   January
   February
   March
   April
   May
   June
   July
   August
   September
   October
   November
   December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time
Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Cardiology Consults  
2017-2018 academic year  
MEDC 50500 | 50 or 100 units  
Course Type: Elective - Clinical

Director:  
   Cardiology Staff  
Primary Instructor:  
Contact:  
Campus:  
   UCMC  
Location on first day:  
   Page EKGs  
Included in Lottery:  
   Yes  
Included in MedReg:  
   Yes  
Course can be dropped:  
   No  
Visiting Students:  
   Yes  
Last reviewed:  
   3/13/2017

Overview

Student is to work directly with the cardiology fellow and the attending (or the attending alone).  
Student will be doing work-ups of cardiology consultation patients.

Objectives

To develop skills in obtaining accurate history, in performing physical examinations of adult cardiac patients, and in developing an appropriate treatment plan. To understand cardiac diagnostic testing and therapeutic interventions.

Evaluation
Students are expected to demonstrate eagerness to learn, patient-centered care, and to be helpful, professional members of the clinic team. Every student must create a final project, which could include a literature review and write-up, a patient educational handout, a peer education presentation, or other formats. Topic, scope, and format will be decided in discussion with the course director.

Course evaluation is based primarily on feedback from clinical preceptors (approx 75%). Performance on the final project also plays a role (approx 25%).

Schedules Offered

This course is offered on a Monthly Basis during the following months:
   January
   February
   March
   April
   May
   July
   August
   September
   October
   November
   December

This course is offered on a Bi-weekly (two week) Basis during the following months:
   January
   February
   March
   April
   May
   July
   August
   September
   October
   November
   December
Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>

Schedule Notes

Two week course, offered the 1st weekday of the month through the 15th; & the 16th (or the following weekday of the month) through the last weekday of the same month during the indicated months.
Monthly course offered the 1st weekday of the month through the last weekday of the same month.

ONCE SCHEDULED, THIS COURSE CANNOT BE DROPPED UNLESS A REPLACEMENT IS FOUND. STUDENTS MAY NOT SCHEDULE ABSENCES DURING THIS ROTATION

Course Eligibility and Prerequisites

Max enrollment
3

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites
Inpatient Cardiology Elective – Northshore
2017-2018 academic year
MEDC 50501 | 100 units
Course Type: Elective - Clinical

Director:
   Dr. Mark Lampert
Primary Instructor:
   Mark Lampert, MD mlampert@northshore.org
Contact:
   Peggy Adams 847-570-2640 padams@northshore.org
Campus:
   Northshore
Location on first day:
   Evanston Hospital
Included in Lottery:
   Yes
Included in MedReg:
   Yes
Course can be dropped:
   No
Visiting Students:
   Yes
Last reviewed:
   2/24/2017

Overview

This clinical elective is designed to expose the student to a broad range of cardiovascular diseases in the inpatient setting. This would include assessment and treatment of acute coronary disease, heart failure, valvular disease and arrhythmias. The student will also gain an understanding of preoperative risk assessment, stress testing, echocardiography and ECG interpretation.

Objectives

1. Communicate effectively with patients, family members, colleagues and support staff.
2. Know how to coordinate patient care, including proper utilization of consultants and allied health professionals, and effective sign out of patients.
3. Demonstrate proficiency in the accurate and timely acquisition, organization, documentation and transfer of clinical information.
4. Assess and treat inpatients who present with or develop the following problems:
   A. Acute coronary syndrome
   B. Heart failure
   C. Cardiac arrhythmias
   D. Chest pain
   E. Valvular heart disease
   F. Pericarditis
   G. Hypertension

Evaluation

1) History and physical exam skills growth over the course of the rotation
2) Integration of testing modalities to formulate diagnoses and treatment plans
3) Thoroughness in patient work-ups and presentations
4) Empathy in doctor-patient relationships

Schedules Offered

This course is offered on a Monthly Basis during the following months:
   January
   February
   March
   April
   May
   June
   July
   August
   September
   October
   November
   December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at
Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
</tr>
<tr>
<td></td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
</tr>
<tr>
<td>PM</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
</tr>
<tr>
<td></td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>

Schedule Notes

For monthly rotations, if start or end dates fall on the weekends, students will start the first Monday of the month and finish the last Friday of the month.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

- Fourth year
- Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

None
Introduction to Nuclear Cardiology
2017-2018 academic year
MEDC 50700 | 50 units
Course Type: Elective - Clinical

Director:
  Dr. R. Parker Ward
Primary Instructor:
  Dr. R. Parker Ward pward@medicine.bsd.uchicago.edu
Contact:
  Dr. R. Parker Ward pward@medicine.bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  DCAM 5727
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  Yes
Visiting Students:
  Yes
Last reviewed:
  2/9/2017

Overview

This course is designed to familiarize the student with the non-invasive imaging and computer techniques utilized in diagnostic nuclear cardiology. Emphasis on exercise testing, nuclear imaging, and exercise electrocardiographic interpretation. Students also will attend Cardiology conferences during the rotation.

Objectives

To familiarize the student with the non-invasive imaging and computer techniques utilized in diagnostic nuclear cardiology, specifically
understanding the instrumentation and clinical aspects of scintigraphic evaluation of myocardial perfusion and ventricular function at rest and stress, exercise test performance, and exercise electrocardiographic interpretation.

Evaluation

Students will be evaluated on the basis of class participation and attendance. 50 credits - 2 weeks and 100 credits - 1 month.

Schedules Offered

This course is not offered on a Monthly Basis, or no schedule has been set at this time

This course is offered on a Bi-weekly (two week) Basis during the following months:
  January
  February
  March
  April
  May
  June
  July
  August
  September
  October
  November
  December

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>8:30</td>
<td>8:30</td>
<td>8:30</td>
<td>8:30</td>
<td>8:30</td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td>-4:30</td>
<td>-4:30</td>
<td>-4:30</td>
<td>-4:30</td>
<td>-4:30</td>
<td>-4:30</td>
</tr>
</tbody>
</table>

Schedule Notes
Students may, with permission, extend the course to 1 month at 100 credits.

Course Eligibility and Prerequisites

Max enrollment

4

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Outpatient Cardiology Elective – Northshore
2017-2018 academic year
MEDC 50802 | 100 units
Course Type: Elective - Clinical

Director:
   Dr. Mark Lampert
Primary Instructor:
   Mark Lampert, MD mlampert@northshore.org
Contact:
   Peggy Adams 847-570-2640 padams@northshore.org
Campus:
   Northshore
Location on first day:
   2501 Compass Rd, Glenview; 1713 Central, Evanston
Included in Lottery:
   Yes
Included in MedReg:
   Yes
Course can be dropped:
   No
Visiting Students:
   No
Last reviewed:
   2/24/2017

Overview

This clinical elective is designed to expose the student to a broad range of cardiovascular diseases in the ambulatory setting. This would include assessment and treatment of coronary disease, heart failure, valvular disease, arrhythmias, and lipid disorders. The student will also gain an understanding of preoperative risk assessment, stress testing, and echocardiography and ECG interpretation.

Objectives

1) Learn to take a focused cardiovascular history and physical exam
2) Gain a basic understanding of common cardiac diagnostic tests – ECG, arrhythmia monitoring, stress testing, echocardiography, and nuclear stress testing
3) Formulate diagnostic evaluation for patients referred for outpatient cardiac consultation
4) Design treatment plans for specific cardiac disorders
5) Gain a basic understanding of cardiac imaging

Evaluation

1) History and physical exam skills growth over the course of the rotation
2) Integration of testing modalities to formulate diagnoses and treatment plans
3) Thoroughness in patient work-ups and empathy in doctor-patient relationships

Schedules Offered

This course is offered on a Monthly Basis during the following months:
   January
   February
   March
   April
   May
   June
   July
   August
   September
   October
   November
   December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00</td>
<td>-</td>
<td>8:00</td>
<td>-</td>
<td>-</td>
<td>8:00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-</td>
<td>8:00</td>
<td>-</td>
<td>-</td>
<td>8:00</td>
</tr>
<tr>
<td>PM</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>

Schedule Notes

A CAR IS REQUIRED.
Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Overview

This will be a 2 or 4 week rotation designed to introduce advanced heart failure management to medical students. The primary responsibilities of the students will be to see new consults and round on other patients. There will be opportunities to participate in the management of heart transplant patients and observation of the entire transplant procedure. In addition, there will be chances to see new patients for transplantation evaluation in the outpatient setting. Students will also have an opportunity to see the mechanical support options for the failing heart. Presentation of a brief case or journal article for discussion may be required at a Heart Failure/Pulmonary Hypertension discussion.
depending on the timing of the rotation and the conference schedule.

Objectives

Students should have an understanding of the basic evaluation and inpatient treatment of advanced heart failure.

Evaluation

Evaluations will be based upon clinical performance and participation. 100 credits for 1 month. 50 credits for 2 weeks.

Schedules Offered

This course is not offered on a Monthly Basis, or no schedule has been set at this time.

This course is offered on a Bi-weekly (two week) Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>7:30</td>
<td>7:30</td>
<td>7:30</td>
<td>7:30</td>
<td>7:30</td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>
Schedule Notes

This section is offered during both the first half and second half of the month (1-15th, 16-30/31st). Students may, with permission, extend the course to 1 month at 100 credits

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

None
Overview

This course provides an opportunity for one-one-one study or research with a faculty mentor from the Department of Medicine.

Contact the faculty member with whom you will work.

Objectives

The objectives will vary depending on the activity agreed upon by the student and the faculty mentor, and will be developed by the individuals involved.

Evaluation

Schedules Offered
This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of the Department
Overview

This course is directed to fourth-year medical students who desire more knowledge regarding acute, chronic, and preventive cardiac care. Topics include the evaluation and management of patients with acute myocardial infarction, shock, unstable ischemic syndromes, congestive heart failure, and cardiac arrhythmias. Discussions will also focus on the principles of interactions between respiration and circulation and interventional approaches (including primary percutaneous transluminal coronary angioplasty, stents, structural heart interventions, the complications of myocardial infarction, and management of the post-infarction state). Electrophysiological mechanisms and management of major supraventricular and ventricular arrhythmias will be reviewed. Acute and chronic management of heart failure will be addressed. Primary and secondary prevention strategies in heart disease are also included. The course is primarily lecture-based, and discussion is encouraged.
Objectives

The course aims to provide a strong foundation in the underpinnings of cardiology practice in a manner intended to help students prepare for residency.

Evaluation

Schedules Offered

This course is offered on a Monthly Basis during the following months:
   February

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
| PM     | 5:00| 5:00| 5:00 | 5:00| -   | -   | -
|        | -7:00| -7:00| -7:00| -7:00| -   | -   | -   |

Schedule Notes

Course is only offered in February.

Course Eligibility and Prerequisites

Max enrollment

60

Eligibility
Fourth year

Prerequisites

Pritzker Students Only
Overview

This elective is a full-time commitment for 1 month or 2 weeks in which students will participate in the outpatient dermatology clinical practice and didactic sessions. Students will be exposed to a range of dermatologic problems. They will be encouraged to develop the ability to formulate excellent descriptions of skin eruptions, and formulate relevant differential diagnoses. Additionally, they will observe a range of outpatient dermatologic procedures and develop a familiarity with dermatologic therapeutics. Opportunities will be available for case presentations to faculty and residents. Students may arrange to be available for
inpatient consultations and Dermatopathology, as well.

Objectives

At the conclusion of this elective participants should be able to:
• Describe the scope of the specialty of dermatology
• Explain the basic pathophysiology of common dermatologic disease
• Employ specialized dermatologic vocabulary in accurately describing skin lesions
• Develop basic differential diagnosis of skin conditions
• Discuss the main therapeutic modalities used in routine dermatology

Evaluation

The Course Director will provide a written final evaluation, based on personal experience with the students as well as input from other faculty members.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  July
  August

This course is offered on a Bi-weekly (two week) Basis during the following months:
  January
  February
  March
  April
  May
  July
  August
  September
  October
## Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td>1:30</td>
<td>1:30</td>
<td>1:30</td>
<td>1:30</td>
<td>1:30</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>

## Schedule Notes

In July and August - Priority is given to U of C fourth-year students applying for dermatology residency positions. Those interested in taking the course in July and August should contact Debra Milton directly. DO NOT INCLUDE JULY AND AUGUST IN THE LOTTERY.

This section covers the first half of the month (1st weekday of the month through the 15th) or the second half of the month (16th-last weekday). Students may, with permission, extend the course to 1 month at 100 credits.

Open to Visiting Students Sept-May

Students cannot drop this course less than 2 wks before the start of their rotation.

## Course Eligibility and Prerequisites

Max enrollment

2

Eligibility
Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

None
Overview

Students who take this course will be instructed in the evaluation and management of dermatological conditions by the faculty at NorthShore University HealthSystems. Students will attend clinical sessions in general, pediatric, and surgical dermatology. Students will be expected to take patient histories and perform directed physical exams. They will contribute to diagnostic considerations and the development of a treatment plan for their patient. They will see a very wide variety of patients including specialized care in the treatment of inflammatory skin disease and dermatological surgery.

Objectives
The NorthShore Dermatology outpatient rotation is designed to provide experience for medical students in the evaluation, diagnosis, and management of a wide variety of dermatological conditions. Management of both medical and surgical problems in dermatology will be emphasized. After the rotation, students should be able to recognize basic patterns of skin disease as well as options available for treatment for common dermatological conditions.

Evaluation

Evaluation will be made by the faculty based on attendance, participation in clinic, and extent of medical knowledge.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Schedule Notes

Time TBA - Student must have a car

Course Eligibility and Prerequisites

Max enrollment

3

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Endocrinology Consultation Service
2017-2018 academic year
MEDC 55400 | 100 units
Course Type: Elective - Clinical

Director:
   Dr. Colleen Majewski
Primary Instructor:
   Colleen Majewski, MD 773-834-5711 cmajewski@bsd.uchicago.edu
Contact:
   Debra Milton 773-702-0351 dmilton@medicine.bsd.uchicago.edu
Campus:
   UCMC
Location on first day:
   Report to Medicine Resident Listed On Schedule
Included in Lottery:
   Yes
Included in MedReg:
   Yes
Course can be dropped:
   Yes
Visiting Students:
   Yes
Last reviewed:
   2/27/2017

Overview

The student will function as a full member of the consultation team by responding to the request for consultation. After performing the initial history and physical examination on the patient, the student will present the results of the evaluation to the resident/fellow on the consultation service and then to the attending physician. The student will participate in instituting treatment plans and in follow-up care. Students on the consultation service will participate in 2-4 outpatient Endocrinology clinics per week as an integral part of the rotation. There is also a didactic portion of the rotation consisting of twice weekly lectures.
Objectives

The Endocrinology Consult rotation is designed to provide students with an educational experience in the evaluation, diagnosis, and management of endocrine problems encountered in acutely and hospitalized patients. There is a wide variety of endocrine patients that are seen. This provides the student with a very good training in management of endocrinology cases that is necessary for a broad training in internal medicine.

Evaluation

Performance will be evaluated by the attending physician on the Endocrinology Consultation service, based on attendance, participation, and depth of medical knowledge.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:
Schedule Notes

STUDENTS MAY NOT SCHEDULE ABSENCES DURING THIS ROTATION.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

None
Overview

Students who take this course will receive individual instruction from Endocrinology faculty in the diagnosis and management of patients with Endocrine disease. Students will perform the history and physical examination on patients in the Endocrinology clinic and will then present the results of their evaluation to the faculty member who takes care of the patient. Patients with a wide range of Endocrine disorders are seen in the clinic. Students will also attend our weekly endocrine research seminar (Mondays at 5 pm), our weekly endocrine fellows' lecture series (Monday at 3 pm), and our weekly clinical meeting Endorama (Thursdays at 4:30 pm)
Objectives

To acquire basic understanding of pathophysiology, clinical presentations, diagnosis and treatment of endocrine diseases.

Evaluation

Observation of clinical skills, participation in case discussion, attendance at weekly conferences

Schedules Offered

This course is offered on a Monthly Basis during the following months:
   January
   February
   March
   April
   May
   June
   July
   August
   September
   October
   November
   December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td></td>
</tr>
<tr>
<td>AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>
Schedule Notes

Students may also choose to combine outpatient clinic and inpatient consult rotation, depending how many people are assigned to each service.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Hypertension Elective
2017-2018 academic year
MEDC 55800 | 100 units
Course Type: Elective - Clinical

Director:
  George Bakris, MD
Primary Instructor:
  George Bakris, MD gbakris@medicine.bsd.uchicago.edu
Contact:
  Barbara Brisky 773-702-7926 bbrisky@medicine.bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  P328
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  No
Visiting Students:
  Yes
Last reviewed:
  3/15/2017

Overview

The course will involve both patient management and didactic teaching in an outpatient setting (The UC/ASH Hypertension Center-5A DCAM and Huron Clinics). The student will be expected to see and present a maximum of 4 patients/day, and develop and plan of hypertension management in concert with the attending.

Patient composition is exclusively that of referral patients with resistant hypertension. On non-clinic days the student will be given reading assignments and will have to provide summarize reports on specific topics in the curriculum which include but are not limited to proper measurement of blood pressure, Pharmacology of antihypertensive medications, Salt and blood
pressure etc. The student must take a test at the end of the course to assess knowledge gained and has the option of writing a short paper on a specific topic in addition to the test for extra credit.

The student must take a test at the end of the course to assess knowledge gained and had the option of writing a short paper on a specific topic in addition to the test for extra credit.

Objectives

The student should be able to be proficient in the following after this course:
1. Properly measure and assess blood pressure.
2. Be familiar with the various class of antihypertensive medications and their mechanisms of action
3. Be familiar with how to combine antihypertensive medications to achieve proper blood pressure control
4. Be familiar with the role of sodium and potassium as they pertain to development of hypertension
5. Be familiar with current guidelines for blood pressure management

Evaluation

The student will be evaluated in three settings: a) clinic-case/ presentations and ability to think through a diagnosis and provide some rationale for a treatment plan, b) Performance on a case-based 20 question exam at the end of the course, c) performance on an optional paper as well as daily interaction discussing various topics, i.e. is the student prepared and was the reading done as evidenced by knowledge during the discussion.

Schedules Offered
This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  August
  September

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Student must talk to course director prior to dropping the class.

Can be taken for 2 weeks for 50 units.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

  Fourth year
  Visiting Student (from LCME Accredited Medical Schools Only)
Prerequisites
Endocrinology Research
2017-2018 academic year
MEDC 56100 | VAR units
Course Type: Research / Reading

Director:
   Endocrine Faculty
Primary Instructor:
Contact:
   Ann M. Leu 773-702-6217 aleu@medicine.bsd.uchicago.edu
Campus:
   UCMC
Location on first day:
   M-267
Included in Lottery:
   No
Included in MedReg:
   No
Course can be dropped:
   No
Visiting Students:
   No
Last reviewed:
   1/25/2017

Overview

Student will work in a medical research laboratory under the direct supervision of a Post-Doctoral Fellow and the instructor. The student will participate in weekly journal and data clubs as well as other relevant conferences.

Objectives

To learn basic principles of medical research. To understand how the physician-scientist functions in a medical center.

Evaluation

Schedules Offered
This course is offered on a Monthly Basis during the following months:
  January  
  February  
  March  
  April  
  May  
  June  
  July  
  August  
  September  
  October  
  November  
  December  

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

4

Eligibility

Fourth year
Prerequisites

Consent of Instructor
Elective in Clinical Hepatology
2017-2018 academic year
MEDC 57500 | 50 units
Course Type: Elective - Clinical

Director:
Dr. Andrew Aronsohn
Primary Instructor:
Aronsohn, Andrew 773-834-1225 aaronsoh@medicine.bsd.uchicago.edu
Contact:
Dr. Andrew Aronsohn 773-834-1225 aaronsoh@medicine.bsd.uchicago.edu
Campus:
UCMC
Location on first day:
M-454
Included in Lottery:
Yes
Included in MedReg:
Yes
Course can be dropped:
No
Visiting Students:
No
Last reviewed:
2/9/2017

Overview

The aim of this elective is to provide the student with understanding of the diagnosis and management of patients with liver and bile duct disorders. Basic hepatic functions and the approach to the diagnosis of liver disease will be emphasized, and case discussions/lectures will focus on viral hepatitis, autoimmune liver diseases, cirrhosis and its complications, hepatocellular carcinoma, and rarer types of hepatobiliary disorders. Attention will also be given to the selection of patients for liver transplantation and basic regimens for immunosuppression following the procedure. The preceptee will have an opportunity to clinically follow patients on the inpatient liver and consultation services as well as evaluate patients in the outpatient clinics. The student will divide their time between rounding daily with the attending hepatologist and other members of the inpatient and consult teams. In addition, the student will be expected to attend the Monday Clinical Case Conference, Tuesday Hepatology Journal Club, the Thursday Inpatient Management Conference/Radiology Conference, and
the Thursday multi-disciplinary meeting for transplant candidacy.

Objectives

1. To better understand hepatobiliary diseases, including the various etiologies and their respective clinical manifestations and pathophysiology as well as the diagnostic and management strategies needed to address them.

2. To gain an appreciation for the management of liver transplant patients.

3. In preparation for internship, to become comfortable approaching and managing patients with medical complexity.

Evaluation

Students will be evaluated on their ability to:
1. Actively participate in the evaluation of patients with liver disease in both the inpatient and outpatient setting

2. Present cases in a clear and concise manner

3. Demonstrate a basic fund of knowledge in hepatobiliary disease

4. Advance knowledge during the clinical elective.

Schedules Offered

This course is not offered on a Monthly Basis, or no schedule has been set at this time

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>12:00</td>
</tr>
</tbody>
</table>
Schedule Notes

Full-time, spent in both inpatient and outpatient areas; attending of the month may switch a half day clinic's schedule to another day to coincide with his or her own clinic schedule.

Times TBA, coverage is all day M-Th, Friday is AM only.

Monday - Inpatient
Tuesday - Clinic - am Inpatient - pm
Wednesday - Inpatient
Thursday - Clinic-am Inpatient-pm
Friday - Inpatient

Open Dates
July 1st- July 15th
September 16th- September 30th
October 16th- October 31st
December 1st- December 15th
December 16th- December 31st
January 1st- January 15th
February 1st- February 15th
March 16th- March 30th
April 1st- April 15th
May 1st- May 15th
May 16th-May31st
June 1st- June 15th
June 16th- June 30th

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Prerequisites

None
Elective in Clinical Gastroenterology
2017-2018 academic year
MEDC 57600 | 100 units
Course Type: Elective - Clinical

Director:
  Dr. David Rubin until 9/1/17, Dr. Vijaya Rao thereafter
Primary Instructor:
  Dr. David Rubin drubin@medicine.bsd.uchicago.edu
Contact:
  Amy Majowski 0 aszczudl@medicine.bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  TBA
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  Yes
Visiting Students:
  Yes
Last reviewed:
  3/16/2017

Overview

The goal of this elective is for the student to gain exposure to the pathophysiology, diagnosis and treatment of various gastrointestinal disorders. The rotation will include the inpatient consultation service where the student will work closely with residents, gastroenterology fellows and an attending physician. The student will be expected to take ownership of the patients they are assigned and the observation of endoscopic procedures will be encouraged to provide follow-up of inpatient consultations. There will be a strong emphasis on interactive education through daily attending rounds, presentations and clinical GI conferences. In addition, the student will rotate through various outpatient
clinics including inflammatory bowel disease, general gastroenterology and nutrition.

Objectives

The objective is to provide the student with a well-rounded learning experience in gastroenterology through both an inpatient and an outpatient experience. At the completion of the clerkship, the student should be able to perform an initial history and physical examination, as well as formulate a diagnostic and therapeutic plan for the more common gastrointestinal disorders. The student should also be able to recognize the need for an appropriate gastroenterology consultation.

Evaluation

All students rotated through the gastroenterology rotation will be provided with a written evaluation by the consult attending and fellows. This feedback will be discussed with the student as well.

Schedules Offered

This course is offered on a Monthly Basis during the following months:

January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at
Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

- Fourth year
- Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

- Consent of Instructor
Outpatient Gastroenterology
2017-2018 academic year
MEDC 57700 | 50 units
Course Type: Elective - Clinical

Director:
   Dr. David Rubin until 9/1/17, Dr. Vijaya Rao thereafter
Primary Instructor:
   Dr. David Rubin drubin@medicine.bsd.uchicago.edu
Contact:
   Amy Majowski 0 aszczudl@medicine.bsd.uchicago.edu
Campus:
   UCMC
Location on first day:
   TBA
Included in Lottery:
   Yes
Included in MedReg:
   Yes
Course can be dropped:
   Yes
Visiting Students:
   Yes
Last reviewed:
   3/16/2017

Overview

The student will participate each week in three half-day teaching clinics in outpatient gastroenterology, hepatology, or nutrition. These clinics are staffed by various faculty members in the section of gastroenterology. During clinic, the student will typically examine one new patient and see one or more follow-up patients. Students will learn a logical approach to common outpatient presentations of gastroenterological disorders.

Objectives
The objective of this elective is to provide exposure to outpatient gastroenterology and for the student to develop skills in obtaining a focused history and physical. At the end of the clerkship, the student should be able to formulate a differential diagnosis for common presentations in gastroenterology such as abdominal pain, nausea, vomiting, dysphagia, irregular bowel habits and anemia. The student should be able to identify appropriate steps in a diagnostic workup for these common signs and symptoms, and ultimately, a treatment plan as well.

**Evaluation**

All students rotated through the gastroenterology rotation will be provided with a written evaluation by the consult attending and fellows. This evaluation will be based on observation of clinical and presentation skills, participation in case discussion, and attendance at weekly conferences. This feedback will be discussed with the student as well.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time
**Weekly schedule:**

<table>
<thead>
<tr>
<th>AM</th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
<td>-</td>
<td>8:00</td>
<td>-</td>
<td>8:00</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PM</th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Clinic rotations can be individualized to accommodate specific interests and scheduling.

**Course Eligibility and Prerequisites**

**Max enrollment**

1

**Eligibility**

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

**Prerequisites**

Consent of Instructor
Outpatient and Inpatient Inflammatory Bowel Disease
2017-2018 academic year
MEDC 57802 | 125 units
Course Type: Elective - Clinical

Director:
  Dr. David Rubin
Primary Instructor:
  Dr. David Rubin 773-702-2950 drubin@uchicago.edu
Contact:
  Anna Gomberg 773-702-6073 agomberg@medicine.bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  DCAM 6B
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  No
Visiting Students:
  Yes
Last reviewed:
  1/27/2017

Overview

The University of Chicago has a renowned IBD Center, and patients are referred from colleagues around the world for consultation and management. This elective is a clinical experience managing both outpatient and inpatient inflammatory bowel disease patients. The student will be fully involved and responsible for inpatients with IBD and attend some of the outpatient IBD clinics as well. The inpatient service has a census of between 2-6 patients at a time, and is staffed by a dedicated inpatient nurse practitioner, the advanced and categorical GI fellows and faculty. Because there are no residents, it is an unique opportunity to be an integral member of the team and learn a large
amount of gastroenterology as well as general medicine.

Objectives

At the conclusion of this one month experience, the student will be able to:

1. Describe the clinical features of inflammatory bowel disease and distinguish between ulcerative colitis and Crohn's disease
2. Understand the indications for specialty referral and hospitalization of patients with known or suspected IBD
3. Understand the treatment algorithms for mild, moderate and severely ill patients with IBD
4. Know the indications for endoscopic procedures in IBD patients
5. Have primary responsibility for the inpatient care of an IBD patient, including order-writing, treatment decisions, and discharge planning.
6. Learn the approach to appropriate consultation and letter writing for complex referrals

Evaluation

Standard ABIM competency-based evaluations will be used at the conclusion of the four week rotation.

Schedules Offered

This course is offered on a Monthly Basis during the following months:

   January
   February
   March
   April
   May
   June
   July
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Rounding on inpatients in afternoons.
On Call Schedule:
No call. But may assist fellow and APN with new admissions during the day only. 2 of 4 weekends, the student may round with the team on the inpatients.

Note: Students can not drop without discussion with course director and identification of a substitute student.

Visting student: rarely, with approval.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility
Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Overview

Laboratory and/or clinical research under supervision of a member of the Section of Gastroenterology, Hepatology and Nutrition. Contact regarding current research opportunities. Will also consider proposals by the student for projects or reviews.

Objectives

Scholarly approach to clinical, translational or basic science investigation or reviews in relevant areas of digestive diseases.

Evaluation

Pass/Fail based on active participation and agreed upon deliverable (project summary or paper depending on individual project).
Schedules Offered

This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
  July
  August
  September
  October
  November
  December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Students must notify the coordinator in the Department of Medicine's Office of Student Programs of the name of the faculty member with whom she/he arranges to work.

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit

Course Eligibility and Prerequisites

Max enrollment
Eligibility

Fourth year

Prerequisites

Consent of Instructor
Becoming a Doctor: Perspectives on the Doctor-Patient Relationship
2017-2018 academic year
MEDC 58400 | 50 units
Course Type: Elective - Non-clinical

Director:
  Dr. Mark Siegler

Primary Instructor:
  Humphrey, Holly 0 hhumphre@uchicago.edu
  Dr. Mark Siegler msiegler@medicine.bsd.uchicago.edu
  Dr. Matthew Sorentino msorrent@medicine.bsd.uchicago.edu

Contact:
  Angela Pace-Moody 773-702-3906 apacemoody@bsd.uchicago.edu

Campus:
  UCMC

Location on first day:
  W-732

Included in Lottery:
  Yes

Included in MedReg:
  Yes

Course can be dropped:
  Yes

Visiting Students:
  No

Last reviewed:
  9/18/2017

Overview

This seminar course, “Becoming a Doctor: Perspectives on the Doctor-Patient Relationship,” will focus on the many roles of the doctor and patient in modern health care. The goal of this course is to help students consider the kind of physician they want to become and the kind of doctor-patient relationships they want to develop. Two central questions examined throughout the course are whether doctors can still practice personal medicine in an increasingly bureaucratic system of care and whether the doctor-patient relationship will survive in the face of modern challenges including health reform, the cost of care, and time constraints.

The course is offered in conjunction with the Bucksbaum Institute for Clinical Excellence, and will examine effective communication and negotiation between doctor and patient; how to reach good
decisions with patients; and how to sustain effective
doctor-patient relationships.

Objectives

1. Students will explore the history of the doctor-patient
relationship and contemporary challenges to the
doctor-patient relationship

2. Students will learn about the importance of
communication and negotiation with patients

3. Students will become familiar with the shared
decision-making model of patient care

4. Students will become aware of a multidisciplinary
approach to medicine that includes economics, law,
humanities, and the social sciences.

Evaluation

Evaluation will be based on the filling of two criteria:

1. Participation and performance in seminars - 50 units

2. An optional course paper – 25 additional units for 75
total units

Schedules Offered

This course is offered on a Monthly Basis during the following months:
March

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td></td>
<td>-</td>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>4:00</td>
<td>4:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-6:30</td>
<td>-6:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Schedule Notes

Dinner will be provided at each session

Dates March 6, 8, 13, 20, 22, 27 & 29.

Class before Match day will be cancelled.

Course Eligibility and Prerequisites

Max enrollment

30

Eligibility

Fourth year

Prerequisites

Pritzker Students Only
Case Studies in Cross-Cover: How to be the Intern On-Call
2017-2018 academic year
MEDC 58500 | 50 units
Course Type: Elective - Non-clinical

Director:
  Dr. Jeanne Farnan & Dr. Jason Poston
Primary Instructor:
  Farnan, Jeanne 0 jfarnan@medicine.bsd.uchicago.edu
Contact:
  Dr. Jeanne Farnan  jfarnan@medicine.bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  Location TBD
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  No
Visiting Students:
  No
Last reviewed:
  3/15/2017

Overview

The beginning of the internship represents a time of great change for recent graduates of medical schools. Interns who were recently students are assigned a new role as the treating physician for often very ill inpatients. They are frequently called on their first days with questions regarding acute changes in patient's health status. The purpose of this course is to introduce Fourth year medical students to common scenarios encountered during internship while performing cross over. The course will consist of two hours of interactive case based presentations along with independent review of relevant literature. There will be some specific sessions for students pursuing training in pediatrics.

Objectives

NOTE: A lengthy set of objectives is available as a component of the course syllabus. At the conclusion of this course, students will demonstrate: Knowledge of
the history and physical examination findings, differential diagnosis, and management of commonly encountered cross-cover scenarios. They will also be able to state situations when consultation with an upper-level resident is necessary. Skills: Conduct a focused history and physical exam, perform a focused chart review, develop a management plan and create a differential diagnosis for commonly encountered cross-cover problems.

Evaluation

Students will be evaluated based on their participation in the course. In addition, they will be surveyed during their internship to determine if they utilized the knowledge and skills from the course during their internship year.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- March

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>1:00</td>
<td></td>
<td>1:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>-3:00</td>
<td></td>
<td>-3:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes

Time subject to change.

Course Eligibility and Prerequisites

Max enrollment
Eligibility

Fourth year

Prerequisites

Pritzker Students Only
Transition to Internship: Procedures and other Practical Skills
2017-2018 academic year
MEDC 58600 | 50 units
Course Type: Elective - Clinical

Director:
 Dr. Jeanne Farnan & Dr. Jason Poston
Primary Instructor:
 Farnan, Jeanne 0jfarnan@medicine.bsd.uchicago.edu
Contact:
 Dr. Jeanne Farnan jfarnan@medicine.bsd.uchicago.edu
Campus:
 UCMC
Location on first day:
 TBA
Included in Lottery:
 Yes
Included in MedReg:
 Yes
Course can be dropped:
 Yes
Visiting Students:
 No
Last reviewed:
 3/22/2017

Overview

This course covers “orphan” topics (not formally covered in other parts of the curriculum) which are important to the optimal functioning of an intern.

The topics presented in this course are intended to prepare students for internship and include, for example, procedural skills for adult patients, techniques for obtaining informed consent, how to conduct sign-outs, pain management and financial planning.

The course will rely heavily on participation in workshop sessions using simulation technology and interactive conference.

Objectives

Procedural/clinical skills:

- Students will list the indications, techniques,
contraindications and complications associated with commonly utilized procedures including central line placement, intubation, lumbar puncture, arterial puncture, suturing, nasogastric tube placement, thoracentesis and paracentesis.
- Students will describe handling and diagnostic interpretation of samples received via the aforementioned procedures
- Students will recognize pain management strategies for inpatient and outpatient pain control

Communication skills:

- Students will describe and demonstrate the key elements necessary to obtaining informed consent
- Students will identify and demonstrate the key components utilized in safely “hand off” their patients to another physician
- Students will demonstrate comfort with initiating end of life discussions with patients and their family.
- Students will describe the strategies necessary to become effective role models for junior students

Life preparedness skills:

- Students will recognize skills by which to balance personal and professional responsibilities
- Students will review strategies for managing their finances including debt management, basics of investing and buying property during the early stages of their careers.

Evaluation

Students will be evaluated based upon their participation, attendance and contributions during discussions and workshop sessions.

Schedules Offered

This course is not offered on a Monthly Basis, or no schedule has been set at this time

This course is offered on a Bi-weekly (two week) Basis during the following months:
  April

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Schedule Notes

April 23-26

Course Eligibility and Prerequisites

Max enrollment
20

Eligibility
Fourth year

Prerequisites
Consent of Instructor
Overview

The goal of the course is to teach students how to write up and orally deliver clinical vignette presentations. The course will be sponsored and promoted by the Internal Medicine Interest group (IMIG). It can be used to fulfill Scholarship & Discovery credit.

The series of seminars will focus on how to properly write up a clinical vignette for abstract presentation. Prior to the seminars, students will prepare for the course by selecting a case they have seen during their clinical experiences as third and fourth year medical students. The preparation time expected by students prior to the course will be approximately 1 hour. The course will consist of two seminars spread out over two weeks (TBA). Each lecture will take place in the evening, generally from 4-6pm but final times to be specified. The first lecture will consist of an introduction, a clinical case vignette sample presentation, and instruction on strategies for selecting cases. Additionally, we will review skills needed for researching the case and writing an abstract, and provide further instruction on
how to prepare an oral presentation, PowerPoint, and written clinical vignette. Outside of class, between the first and second seminars, students will select clinical cases for presentation and begin to prepare an oral presentation as well as a written clinical vignette for their chosen cases. The second seminar will be a review of the skills learned during the first session, and an opportunity for students to present the first draft of their oral presentations with feedback from Drs. Martin and Arora as well as the other students.

The most significant portion of the course will consist of independent study where students will write up clinical vignettes. Students will spend an estimated 5 hours collecting data from Epic and pathology. Students will also spend approximately 10 hours researching on the internet and other sources. They will then spend an estimated 8 hours working on abstracts, 8 hours working on PowerPoint presentations, and 4 hours practicing oral presentations. Dr. Martin and Dr. Arora will be available for questions and additional meeting as needed during the periods of independent study and preparation.

The students will participate in an event at the end of the course called the “Internal Medicine – Clinical Case Competition”, which will be sponsored by the Department of Medicine Internal Medicine Residency Program and the Internal Medicine Interest Group. This culmination event is planned to be a 4 hour event on the afternoon of TBA (typically in September). Students will present their clinical vignette orals for faculty judges and the course directors. The winner of the competition will typically represent University of Chicago -Pritzker at the Illinois Regional American College of Physicians (ACP) Clinical Vignette competition in October. Other participants will apply directly to the ACP to participate in the official ACP Clinical Vignette Competition event. We will also encourage the submission to other regional and national conferences throughout the year.

Students will be expected to attend both didactic sessions as well as the Clinical Case Competition.

Objectives

• After taking the course, students will better understand how to write up and present clinical vignettes

• Students will present their clinical vignette at the University of Chicago IM-Clinical Case Competition on
TBA

• Students will submit their scholarly work to the Illinois-ACP

• Students will also be encouraged to participate in other national and regional meetings by submitting their scholarly work

Evaluation

• Attendance and participation is required for both didactic sessions and the final case competition. The didactic sessions take place from 4-6pm on TBA

• More importantly, participation in the case competition is required on TBA. The course directors will be judging the competition and evaluating the students on their oral presentations.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  September

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AM</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4:00</td>
<td></td>
<td></td>
<td></td>
<td>6:00</td>
</tr>
</tbody>
</table>

Schedule Notes

2 evening sessions in early to mid September from 4-6pm, TBD

The final event will be TBA in September 12pm-4pm.
Course Eligibility and Prerequisites

Max enrollment
40

Eligibility

Fourth year

Prerequisites

Pritzker Students Only
Empathy as a Clinical Tool
2017-2018 academic year
MEDC 58750 | 75 units
Course Type: Elective - Clinical

Director:
Dr. Tamara Vokes

Primary Instructor:
Pincavage, Amber apincava@medicine.bsd.uchicago.edu
John T. Cacioppo, PhD cacioppo@uchicago.edu
Dr. Olwen Hahn ohahn@medicine.bsd.uchicago.edu
Peggy Mason, PhD pmason@uchicago.edu
Stephanie Cacioppo scacioppo@bsd.uchicago.edu
Sonia Oyola, MD soyola@bsd.uchicago.edu
Dr. Tamara Vokes 773-702-6227 tvokes@uchicago.edu

Contact:
Dr. Tamara Vokes 773-702-6227 tvokes@uchicago.edu

Campus:
UCMC

Location on first day:
TBA

Included in Lottery:
No

Included in MedReg:
Yes

Course can be dropped:
Yes

Visiting Students:
No

Last reviewed:
7/14/2017

Overview

This is an experiential course aimed at improving the students' ability to use empathic communication as a clinical tool. The course will include classroom sessions and medical interviews of patients by the students. Each of the 8 3-hour bi-weekly classroom sessions will include three components:

1. A lecture about the science of empathy, delivering bad news, dealing with difficult patients or colleagues given by faculty in the first 5 sessions. In the last 3 sessions students will give a short presentation on their chosen topic from the field of empathy.

2. A practice portion, which will include a short meditation and somatic (movement) exercise followed by partner exercise in empathic communication, role playing (delivering bad news, dealing with challenging clinical situations) or watching a video of students interviewing...
patients.
3. Discussion of the observations of each student derived from performing the partner exercise, interviewing patients, or observing the videotaped sessions.

As a part of the course, the students will interview several patients each. These interviews will be videotaped and watched by the group followed by each student’s case presentation and a reflective piece about their experience during the patient interviews. Afterwards, the whole group will discuss their observations, discoveries and conclusions. At the end of the course, the students will write a final essay or a piece of reflective writing describing what they learned from the course and how they plan to apply it to future medical practice or life in general.

Objectives

After completion of the course the students will

1. Have an increased awareness of the other's (partner or patient) physical and emotional state

2. Be able to recognize one's own response to the condition of another such as pain, discomfort, fear, joy or hostility.

3. Use the information obtained through empathic communication to facilitate gathering of medical history

4. Improve communication with patients and experience greater satisfaction from medical encounter

5. Develop skills for dealing with challenging professional situations and improving resilience.

Evaluation

1. Participation in patient interview
2. Participation in class discussion
3. Final essay (encouraged but not mandatory)

Schedules Offered
This course is offered on a Monthly Basis during the following months: February

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

**Weekly schedule:**

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

AM  

-  -  -  -  -  -  -

PM  

-  -  5:30  -  6:00  -  -

-8:30  -9:00

**Schedule Notes**

Session 1 - Thursday – February 1  
Session 2 - Tuesday – February 6  
Session 3 - Thursday – February 8  
Session 4 - Tuesday – February 13  
Session 5 - Thursday – February 15  
Session 6 - Tuesday – February 20  
Session 7 - Thursday – February 22  
Session 8 – Tuesday – February 27

All classroom sessions will be in M170. Dinner will be provided at the beginning of each session.

During additional sessions that will be scheduled at a later date, students will interview patients at the BSLC – the times and room locations will be determined closer to the time of the course.

**Course Eligibility and Prerequisites**

**Max enrollment**

12

**Eligibility**

Fourth year
Prerequisites
Subinternship Prep Course
2017-2018 academic year
MEDC 58800 | 25 units
Course Type: Elective - Non-clinical

Director:
   Dr. Diane Altkorn
Primary Instructor:
   Altkorn, Diane 773-702-4581 daltkorn@medicine.bsd.uchicago.edu
Contact:
   Dr. Diane Altkorn 773-702-4581 daltkorn@medicine.bsd.uchicago.edu
Campus:
   UCMC
Location on first day:
   BSLC 109
Included in Lottery:
   Yes
Included in MedReg:
   Yes
Course can be dropped:
   Yes
Visiting Students:
   No
Last reviewed:
   6/2/2017

Overview

The goal of this course is to provide fourth-year students with an overview of skills necessary to the optimal functioning of a fourth-year sub-intern. The course is co-sponsored by the Departments of Medicine, Pediatrics, Surgery and Obstetrics/Gynecology and is intended for all students who will be doing subinternships. Topics to be covered may include advanced communication skills (such as handoffs, obtaining informed consent, discussing end of life care, using interpreters, interacting with consultants, answering pages from nurses), roles of multidisciplinary team members, and organizational skills. Department specific orientation sessions will be included at the discretion of each Department.

Objectives

- Students will understand the role of the subintern and the expectations of individual departments
- Students will describe the factors necessary to
improve quality of care and safety
- Students will understand the different types of peripheral and central lines commonly used in hospitalized patients
- Students will identify and demonstrate the key components utilized in safe "hand offs" of their patients to another physician
- Students will understand the principles of high value care
- Students will understand the principles of antibiotic stewardship
- Students will become familiar with the concept of shared-decision making

Evaluation

Pre and post course assessments of confidence.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
June

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>8:45</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>4:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Monday, June 5. 2017; 8:45 - 4:00 pm

This will be posted as July to count towards 4th year credit

Course Eligibility and Prerequisites
Max enrollment

100

Eligibility

Fourth year

Prerequisites

Pritzker Students Only
Overview

This is a subinternship in general medicine with the following goals: To provide an educational experience that closely recreates the experience of being the primary intern physician for inpatients, focusing on medical decision making, patient management skills, professional relationships, medical documentation, recognition of limitations, and cross cover.

The sub-intern will take one week of night float with a team during this rotation.

Objectives

1. At the completion of this rotation, sub-interns should be able to
2. Communicate effectively with patients, family members, colleagues and support staff.
3. Know how to coordinate patient care, including proper utilization of consultants and allied health professionals, and effective sign out of patients.
4. Demonstrate proficiency in the accurate and timely
acquisition, organization, documentation and transfer of clinical information.

5. Assess and treat inpatients who present with or develop the following problem

A. Abdominal Pain
B. Acute Gastrointestinal Bleeding
C. Acute Pulmonary Edema
D. Acute Renal Failure
E. Altered Mental Status
F. Arrhythmias
G. Chest pain
H. Drug Withdrawal
I. Electrolyte Disorders
J. Fever
K. Glycemic Control
L. Hypertensive Emergencies
M. Nausea and Vomiting
N. Pain Management
O. Seizures
P. Shock

Evaluation

Interim feedback with a summary evaluation at the end of the month.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- February
- March
- April
- May
- July
- August
- September
- October
- November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td></td>
<td>7:00</td>
<td>7:00</td>
<td>7:00</td>
<td>7:00</td>
<td>7:00</td>
</tr>
</tbody>
</table>
Schedule Notes

You will be admitting from 7am until 4pm except for Long Call days which will be 7am until 7pm. During this rotation you will also be expected to complete a week of night float which will begin on a Sunday at 7pm and will end on Friday at 7am.

STUDENTS MAY NOT SCHEDULE ABSENCES DURING THIS ROTATION.

7 a.m. to 4 p.m. EITHER Saturday or Sunday

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of the Department
Sub-Internship in General Internal Medicine
2017-2018 academic year
MEDC 59000 | 150 units
Course Type: Sub-Internship

Director: 
Dr. Diane Altkorn
Primary Instructor: 
Altkorn, Diane 773-702-4581 daltkorn@medicine.bsd.uchicago.edu
Contact: 
Dr. Diane Altkorn 773-702-4581 daltkorn@medicine.bsd.uchicago.edu
Campus: 
UCMC
Location on first day: 
Contact Dr. Altkorn prior to first day for instruction.
Included in Lottery: 
Yes
Included in MedReg: 
Yes
Course can be dropped: 
No
Visiting Students: 
No
Last reviewed: 
3/2/2017

Overview

This is a sub-internship in general internal medicine on the inpatient wards at The University of Chicago. Students will work directly with University of Chicago internal medicine residents and the attending physician.

Objectives

To assume the role of an intern under the guidance of an internal medicine resident and attending physician. To experience and learn the knowledge and skills of inpatient general medicine.

Evaluation

Daily clinical evaluations with a summary evaluation at the end of the month.
Schedules Offered

This course is offered on a Monthly Basis during the following months:
- February
- March
- April
- July
- August
- September
- October
- November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

On Call Schedule:
The experience is one month in duration with in house call once every 4 days and 1 day off per week on average.

ONCE SCHEDULED, THIS COURSE CANNOT BE DROPPED UNLESS A REPLACEMENT IS FOUND. STUDENTS MAY NOT SCHEDULE ABSENCES DURING THIS ROTATION.

This course is a full-time inpatient experience resembling that of an inpatient medicine intern. Rotations begin on the first day and end on the last day of the month. All students are required to participate in an orientation with Dr. Altkorn. The day before the rotation begins, page resident for instructions.

Max number per month
- July--2
- August--2
- September--2
Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Pritzker Students Only
Becoming a Resident Teacher
2017-2018 academic year
MEDC 59400 | 50 units
Course Type: Elective - Non-clinical

Director:
   Dr. Tia Kostas & Dr. Barrett Fromme
Primary Instructor:
   Tia Kostas, MD tkostas@medicine.bsd.uchicago.edu
Contact:
   Tia Kostas, MD tkostas@medicine.bsd.uchicago.edu
Campus:
   UCMC
Location on first day:
   L-316
Included in Lottery:
   Yes
Included in MedReg:
   Yes
Course can be dropped:
   No
Visiting Students:
   No
Last reviewed:
   3/15/2017

Overview

Residents have a critical teaching role in medical education, yet there is often little formal preparation for this important role. Resident and student work hour restrictions require efficient, effective teaching. In addition, documentation of teaching activities has become more important for career progression and promotion in teaching tracks. This course will prepare you for the teaching responsibilities you will take on as an intern and resident. Interactive sessions will offer practical strategies for how to be a better teacher. Topics will include introduction to Teaching and Role Modeling, Feedback, Technology to Teach, Bedside Teaching, and the One-minute Preceptor. You will participate in Observed Structured Teaching Excercise (OSTEs) and be certified by the Office of Medical Education as a Resident Teacher.

Objectives
To provide Fourth year medical students with practical skills in teaching for their residency years and beyond.

Evaluation

Students are expected to participate actively in class sessions and OSTEs, complete evaluations of the workshops, and to prepare a final presentation. Grading is pass/fail.

Schedules Offered

This course is offered on a Monthly Basis during the following months: March

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>1:00</td>
<td>-</td>
<td>1:00</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-</td>
<td>1:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course will meet the month of March in Room L-316. Course does not meet on Match Day.

Course Eligibility and Prerequisites

Max enrollment

36

Eligibility
Fourth year

Prerequisites

None
Ethics Consultation Teaching Service
2017-2018 academic year
MEDC 59500 | 50 units
Course Type: Elective - Clinical

Director:
  Dr. Tracy Koogler
Primary Instructor:
  Dr. Tracy Koogler 773-702-9659 tkoogler@peds.bsd.uchicago.edu
Contact:
  Dr. Tracy Koogler 773-702-9659 tkoogler@peds.bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  W700
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  Yes
Visiting Students:
  No
Last reviewed:
  2/7/2017

Overview

We offer a clinical ethics consultation service at the University of Chicago Hospitals and to help clinicians who are struggling with a clinical situation that raises ethical issues.

Typical problems include:
1). Does a patient have the capacity to make an informed decision?
2). If not, who is the appropriate surrogate?
3). What are the rights, responsibilities, and limitations of surrogate decision makers?
4). What principles should guide them in their role as surrogate?
5). What principles should guide patients, families, and physicians when considering withholding or withdrawing life sustaining treatment?

We offer a clinical ethics consultation service at the University of Chicago Hospitals and to help clinicians who are struggling with a clinical situation that raises ethical issues.
Typical problems include:
1). Does a patient have the capacity to make an informed decision?
2). If not, who is the appropriate surrogate?
3). What are the rights, responsibilities, and limitations of surrogate decision makers?
4). What principles should guide them in their role as surrogate?
5). What principles should guide patients, families, and physicians when considering withholding or withdrawing life sustaining treatment?

We also consult with researchers about ethical issues raised by their proposed projects either at the request of the researcher or the Institutional Review Board (IRB).

A multidisciplinary teaching conference based on actual cases meets weekly, and MacLean faculty and fellows as well as other members of the University community attend. Members of the clinical teams and/or research teams are invited to participate.

The Fourth year medical students are expected to participate in consults, case conferences, and other lectures/conferences held at the MacLean Center during their month-long rotation.

The students are supervised by Drs. Tracy Koogler, Dan Brauner, Mark Siegler, Dan Sulmasy, and other center faculty.

Objectives

To familiarize the student with the procedures and goals of ethics consultation; and how ethics consultation is similar and different from other medical consultation services. To improve upon the skills and knowledge of clinical ethics that was introduced in the first year doctor-patient relationship course and to apply it to actual cases.

Evaluation

The student will be evaluated by their involvement in the consult, and by their presentation and discussions in the weekly case conference.

The student will also be evaluated on attendance and
participation in the Ethics Fellows Coursework on Wednesdays.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  January
  February
  April
  May
  October
  November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8:30</td>
<td></td>
</tr>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-5:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Students are expected to participate actively in didactic clinical ethics classes which meet Wednesday 8:30am - 5pm and to take call for the entire month. Average number of consults are 2-3 per month; rarely evenings and weekends.

Contact Dr. Koogler at least one week before the start of the elective to get reading assignment.

This course can be taken in combination with course MEDC 60200-01 - Ethical Issues in Health Care Medicine.

Course Eligibility and Prerequisites

Max enrollment
Eligibility

Fourth year

Prerequisites

Consent of Instructor
Pritzker Students Only
Advanced Medical Ethics
2017-2018 academic year
MEDC 59506 | 50 units
Course Type: Elective - Non-clinical

Director:
   Dr. Andrew Aronsohn
Primary Instructor:
   Aronsohn, Andrew 773-834-1225 aaronsoh@medicinebsd.uchicago.edu
   Dr. Mark Siegler  msiegler@medicinebsd.uchicago.edu
Contact:
Campus:
   UCMC
Location on first day:
   W-732 or BSLC 109 (will be communicated)
Included in Lottery:
   No
Included in MedReg:
   No
Course can be dropped:
   No
Visiting Students:
   No
Last reviewed:
   2/9/2017

Overview

This is a course designed to teach fourth year and occasionally second year medical students advanced clinical medical ethics as well as the fundamentals of teaching and small group facilitation. It is adjuvant to being a peer educator for the first year medical student Doctor Patient Relationship Course.

Objectives

Students will understand principles of clinical medical ethics. Students will be able to describe the fundamental controversies about major themes in clinical medical ethics. Students will learn the fundamental principles of adult education, and be able to apply them to their role as teaching assistants. Students will be able to facilitate group discussion about complex medical topics.

Evaluation
Evaluation will occur by participation and attendance at both the course sessions of this elective as well as the first year medical school course.

Schedules Offered

This course is offered on a Quarterly Basis during the following quarters:
  Winter Quarter

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>4:30</td>
<td>1:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>6:00</td>
<td>-4:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes

This is the Peer Educator course for Doctor/Patient Relationship - Winter Quarter 2018 Special need for approval of Course Director.

Will meet from 4:30-6:00pm on Mondays in W732
Will meet from 1-4pm on Tuesdays in BSLC 109

Course Eligibility and Prerequisites

Max enrollment

25

Eligibility

Fourth year

Prerequisites
Overview

Students will work in the General Medicine/UCPCG Clinic 5 half days per week. They will see walk-in patients under the supervision of a faculty preceptor. Students are expected to attend ambulatory morning report.

Objectives

The emphasis will be on developing an efficient and logical approach to commonly encountered outpatient problems.

Evaluation

Clinical performance and attendance in clinic.
Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>

Schedule Notes

One student does mornings, one student does afternoons and one (1) Saturday am during the month. Arrange specific dates with Deb Milton. Students may, with permission, reduce the course to 2 weeks at 50 credits.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Prerequisites

Consent of Instructor
Overview

Students will spend 4-5 half days per week in the Med-Peds practice evaluating adult and pediatric patients under the supervision of Med-Peds residents and faculty. They will evaluate urgent, continuity, and preventive care patients. Students may choose to spend one or two additional half days per week at a specialty clinic of their choice. Popular clinics are the joint injection, transition care, and pediatric sports medicine clinics. One to two half days per week will be spent working on a small education or quality improvement project under the supervision of faculty.

Objectives
1. Perform complete histories and physical examinations on ambulatory patients, present the patients to residents and faculty and come up with an independent assessment and plan for the patients.

2. Create an educational or quality improvement project based in the med-peds outpatient setting.

3. Identify and apply the standards of care for highly prevalent problems seen in the outpatient setting such as asthma, hypertension, diabetes, and cardiovascular disease.

4. Cite 3 standards of care for adolescents and young adults as they transition from pediatric oriented to adult oriented care and apply them to patients in the clinic.

Evaluation

The course director will meet with the student to provide formal feedback halfway through the rotation and again at the end of the rotation. An evaluation form summarizing this feedback will be completed and submitted to the student's medical school. REQUIRED PROJECT.

Schedules Offered

This course is offered on a Monthly Basis during the following months:

- January
- February
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.
Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

M-F Time TBA

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Overview

Clinical medicine and advances in biomedical science raise fascinating ethical questions that impact on the doctor-patient relationship and the goals of medicine. These issues range from theoretical questions about what it means to give an informed consent to metaphysical questions about the meanings of life and death and the meaning of suffering. It also includes both theoretical and empirical studies about the doctor-patient relationship as well as issues on the cutting edge of contemporary science and society, such as new genetic and reproductive technologies, surgical innovations, and the organization and funding of health care. In the interplay between such questions lies not only enhanced understanding of pressing personal and public policy problems, but enduring insights into humanity. This course allows the student to pursue these and other questions of interest, particularly those that may be related to his or her own future clinical work in a one-on-one reading course with a faculty member, preferably one in the student's planned field of residency. The fourth year medical students are expected to participate in case conferences and other
Objectives

To familiarize oneself, through reading and discussion, about particular areas of clinical ethics or ethical issues in a particular area of clinical medicine or medical research. To allow the student to examine and question his/her own ethical responses to particular medical questions in a safe and supportive environment.

Evaluation

Evaluation will be based on the student's participation in discussions with the faculty member.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
  October
  November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8:30</td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td></td>
<td></td>
<td>-5:30</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes
Contact Dr. Ross at least two weeks before the start of the elective to coordinate a primary mentor with whom one will meet weekly and discuss readings. You will also be expected to participate in the Wednesday Ethics academic program which includes some courses (e.g. health law, foundations of bioethics, and ethics case conference).

This course can be taken in combination with course MEDC 59500-01- Ethics Consultation Teaching Service

Students are expected to participate actively in didactic clinical ethics classes which meet Wednesday 8:30am-5:30pm. Student will also arrange for 1-2 hours independently with the professor at a mutually convenient time. Student must arrange the elective with the particular faculty member. The student must also notify the registration coordinator in the office of student programs of the name of the faculty member with whom he/she arranges to study. This course can be taken in combination with course MEDC 59500

This will be an independent reading class and the weekly course schedule will be determined by the faculty member and the student. An additional two hours can be added at faculty's discretion. Students are also expected to attend all weekly ethics lectures on Wednesday.

Dr. Ross can be contacted to help facilitate appropriate selection of a faculty member. The student should remind the faculty member at least 1 week prior to the elective about the planned reading course in case ability has changed.

Course Eligibility and Prerequisites

Max enrollment

3

Eligibility

Fourth year

Prerequisites
Overview

This course provides an opportunity for one-one-one study or research with a faculty mentor from the Department of Medicine.

Contact the faculty member with whom you will work.

Objectives

The objectives will vary depending on the activity agreed upon by the student and the faculty mentor, and will be developed by the individuals involved.

Evaluation

The evaluation will vary depending on the activity agreed upon by the student and the faculty mentor, and will be developed by the individual faculty mentor.

Schedules Offered
This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
  July
  August
  September
  October
  November
  December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Credits will vary depending upon the activities chosen by the student and approved by the instructor. Students must notify the department of Medicine's Coordinator of the name of the faculty member with whom he/she arranges to work. (Debra Milton, dmilton@medicine.bsd.uchicago.edu), x2-0351.

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form https://bsdsurvey.bsd.uchicago.edu/Perseus/se.ashx? s=336931D9559C9E2E

Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites
Max enrollment

10

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Overview

This course will provide a setting to review some well-known and often cited studies in the medical literature. The dual goal is to improve the student's ability to read the medical literature and provide a foundation of familiarity with important studies. Past and current studies of all designs, from all medical and surgical specialties, will be considered. We will concentrate on how to read these articles critically and how to apply the results to the practice of medicine. Articles covered are chosen by students from a course syllabus and from the entire body of the medical literature.

Objectives

Improve skills in using literature to solve clinical problems. Familiarize students with some important studies, both past and current.

Evaluation
Students are evaluated based on attendance, participation and quality of their presentations.

Schedules Offered

This course is offered on a Monthly Basis during the following months: February

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>8:30</td>
<td>-</td>
<td>8:30</td>
<td>-</td>
<td>8:30</td>
<td>-</td>
</tr>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

This course is only offered during the month of February.

Course Eligibility and Prerequisites

Max enrollment

24

Eligibility

Fourth year

Prerequisites

Pritzker Students Only
Overview

This two week course will focus on the basics of interpreting chest and abdominal x-rays and CT’s, head CT’s, and EKG’s. The emphasis will be on reviewing a large number of clinically-oriented studies in each category. The presentations will include frequently seen diagnoses as well as less common entities which might be encountered during intern year.

Objectives

The main objective of the course is to help students feel comfortable with interpreting imaging studies and EKG’s and to get an introduction to the basics of diagnostic ultrasound. By the end of the course, students will understand relevant anatomy, have an organized approach to interpretation of these studies, and will have had the opportunity to review a large number of images. By the end of the course, students should feel ready to analyze radiological imaging and
EKGs and familiar with bedside diagnostic ultrasound in preparation for their upcoming intern year.

**Evaluation**

Students will be evaluated on the basis of their classroom participation and by a short examination which will cover the major topics reviewed in class. Students will also be asked to evaluate the teachers and the class format so this course can best meet the needs of our medical students in the future.

**Schedules Offered**

This course is not offered on a Monthly Basis, or no schedule has been set at this time.

This course is offered on a Bi-weekly (two week) Basis during the following months: April

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>9:00</td>
<td>9:00</td>
<td>9:00</td>
<td>9:00</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-11:00</td>
<td>-11:00</td>
<td>-11:00</td>
<td>-11:00</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-3:00</td>
<td>-3:00</td>
<td>-3:00</td>
<td>-3:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**


**Course Eligibility and Prerequisites**

Max enrollment

50

Eligibility
Fourth year

Prerequisites

None
Overview of Medical Informatics
2017-2018 academic year
MEDC 60316 | 50 units
Course Type: Selective - Basic Science

Director:
   Dr. Cheng-Kai Kao
Primary Instructor:
   Kao, Cheng-Kai 0 ckkao@medicine.bsd.uchicago.edu
Contact:
   Dr. Cheng-Kai Kao  ckkao@medicine.bsd.uchicago.edu
Campus:
   UCMC
Location on first day:
   MH W300
Included in Lottery:
   Yes
Included in MedReg:
   Yes
Course can be dropped:
   Yes
Visiting Students:
   No
Last reviewed:
   7/24/2017

Overview

Modern medicine is practiced by utilizing information from electronic medical records and point-of-care resources. Clinical informatics, which is the science of medical information, has become a fundamental skill that everyone in the healthcare field should be familiar with. The rise of the new subspecialty board of clinical informatics echoes the strong need for people’s involvement in this rapidly growing sector.

This highly interactive lecture series introduce basic informatics knowledge and also advanced topics such as clinical decision support, population health management, mobile health, and healthcare innovation and entrepreneurship. It is aimed to provide essential introduction to the important topics in clinical informatics, help students maximize efficiency in clinical practice and learning, and cultivate future innovators in different specialties of medicine.

Objectives
- Understand the scope of clinical informatics
- Understand the role of clinical decision support systems in healthcare
- Understand the privacy, ethics, and compliance issues within clinical and research informatics
- Understand the opportunities and challenges in improving quality and safety in healthcare
- Understand the concepts of human computer interaction
- Understand the current state and future applications in mobile health and telemedicine
- Understand the trend of value-based payment model and population health management
- Understand the path to innovation and potential entrepreneurship

**Evaluation**

Attendance and class participation

**Schedules Offered**

This course is not offered on a Monthly Basis, or no schedule has been set at this time

This course is offered on a Bi-weekly (two week) Basis during the following months:
- **October**

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td>-</td>
<td>3:30</td>
<td>-</td>
<td>3:30</td>
<td>-</td>
<td>3:30</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Schedule Notes**

This course is only offered during the first half of October (1st - 15th) on Mondays, Wednesdays and Fridays from 3:30 to 5PM in Mitchell Hospital Room W300.

Class starts on Monday October 2nd
Course Eligibility and Prerequisites

Max enrollment

25

Eligibility

Fourth year

Prerequisites

None
Money Management: What Every Young Physician Should Know
2017-2018 academic year
MEDC 60320 | 50 units
Course Type: Elective - Non-clinical

Director:
  Dr. Mohammed Minhaj
Primary Instructor:
  Dr. Mohammed Minhaj MMinhaj@dacc.uchicago.edu
Contact:
  Dr. Mohammed Minhaj MMinhaj@dacc.uchicago.edu
Campus:
  UCMC
Location on first day:
  CCD 7-710
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  Yes
Visiting Students:
  No
Last reviewed:
  10/3/2017

Overview

In today's world of fluctuating economic conditions; knowing how to manage your money and credit is very important for every medical student and resident. Money decisions which may seem basic or insignificant can impact your credit history and financial comfort for many years to come. Learning basic money management concepts and tips will allow you to make the most of your hard earned money. This highly interactive class will help you become a savvy money manager as you embark on the next phase of your medical career.

Objectives

Understand basic money management concepts including budgeting, credit history, investing, rent vs buy and credit cards and long term investing
Evaluation

Entirely participation based, 100% attendance in order to earn credit which is Pass/Fail.

Schedules Offered

This course is offered on a Monthly Basis during the following months:

October

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>AM</th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PM</th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3:30</td>
<td>-</td>
<td>3:30</td>
<td>3:30</td>
<td>3:30</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-5:30</td>
<td>-5:30</td>
<td>-5:30</td>
<td>-5:30</td>
<td>-5:30</td>
<td>-5:30</td>
<td>-5:30</td>
</tr>
</tbody>
</table>

Schedule Notes

NO ABSENCES ALLOWED
10/9th - Monday
10/10th - Tuesday
10/13th - Friday
10/16th - Monday
10/17th - Tuesday
10/19th - Thursday

Course Eligibility and Prerequisites

Max enrollment

35

Eligibility
Fourth year

Prerequisites

Pritzker Students Only
Comprehensive Care Program
2017-2018 academic year
MEDC 60330 | 50 units
Course Type: Elective - Clinical

Director:
  Dr. Grace Berry
Primary Instructor:
  Dr. Grace Berry  gberry@bsd.uchicago.edu
Contact:
  Dr. Grace Berry  gberry@bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  BMH H300 Conference Room
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  No
Visiting Students:
  Yes
Last reviewed:
  2/7/2017

Overview

The University of Chicago has developed a new internal medicine practice for patients at high risk of hospitalization that is staffed by Comprehensive Care Physicians (CCPs) who care for these patients in both the inpatient and outpatient setting. This program focuses on care for medically complex patients who are often hospitalized or seen in the emergency room. During this one-month rotation, fourth year medical students will work directly with the CCP attendings to provide continuing inpatient and outpatient care for patients assigned to them. Medical students will round on patients in the inpatient setting, complete daily tasks and follow the patients post discharge in clinic. Students will experience the breadth of internal medicine
patient care from admission to discharge to the outpatient setting. Students will also actively participate in multidisciplinary conferences. Students will complete a patient education project that incorporates the biopsychosocial model and advanced communication skills, and will give a 10-15 minute presentation near the end of the month.

Objectives

To provide an experiential rotation that engages learners in the care of vulnerable internal medicine patients who are at high risk for admission to the hospital within a unique model of care.

At the end of this rotation, learners will:
• identify the utility of multi-disciplinary rounds
• identify challenges to transitions of care
• demonstrate improved self-efficacy in the medical care of highly complex patients
• engage in a project to improve the quality of care in this new model and give a presentation on a topic related to care of complex patients

Activities during this rotation may vary depending on the number of patients admitted to the hospital, but will generally involve the following:
• Rounding on admitted patients daily (around 1-3 patients depending on the daily census)
• Presenting patients during MDR (multi-disciplinary) rounds
• Afternoons in clinic with the CCP attendings
• Shadowing members of our staff such as our CCP Social Worker (counseling sessions)
• Home visits (including a post-discharge home visit)
• Going through a Care Management Plan with a patient
• Post-discharge follow-up phone calls for hospitalized patients (24-48 hours after discharge)
• Post-discharge clinic visit for patients followed in the hospital
• Attending meetings/conferences such as our Chronic Pain Management conference (in conjunction with psychiatry, anesthesia and physical therapy), CCP group meetings and operations meetings
• A 10-15 minute presentation at our group meeting at the end of the month

Evaluation

Students will be evaluated in the following domains:
1) Communication skills
2) Organizational abilities
3) Knowledge of common Internal Medicine diseases
4) Ability to accept and utilize feedback from the multi-disciplinary team
5) Professionalism

Schedules Offered

This course is offered on a Monthly Basis during the following months:
   February
   March
   April
   July
   August
   September
   October

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Schedule Notes

No overnight call

Because continuity is an essential component of this service, excused absences will be considered on a case by case basis.

Can be taken for 2 weeks or 1 month.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

  Fourth year
  Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

  Consent of Instructor
Health and Human Rights
2017-2018 academic year
MEDC 60405 | 100 units
Course Type: Elective - Non-clinical

Director:
  Dr. Evan Lyon
Primary Instructor:
  Dr. Renslow Sherer rscherer@medicine.bsd.uchicago.edu
Contact:
  Dr. Evan Lyon  elyon@pih.org
Campus:
  UCMC
Location on first day:
  TBA
Included in Lottery:
  No
Included in MedReg:
  Yes
Course can be dropped:
  Yes
Visiting Students:
  Yes
Last reviewed:
  2/7/2017

Overview

This course will define health and health care in the context of human rights theory and practice. We affirm the position in the Declaration of Human Rights that a right to health, including a right to health care, is a human right, and then ask, ‘What are the implications of these rights for individuals, for national governments, and for civil society?’ We will explore specific issues of human rights with and their implications for health and health care, including environmental health, reproductive health and women’s health issues, global conflict and post-conflict humanitarianism, torture, institutions and prisons, HIV/AIDS, Tuberculosis, food security, and the impact of poverty on health.

Readings and discussions will explore the global social determinants of health, such as housing, educational institutions, employment, environmental health, and the social safety nets. We will pay particular attention to vulnerable populations, such as poor people, children, orphans and vulnerable children, refugees, migrant workers, drug users, commercial sex workers, men who have sex with men, and the mentally ill. Special
topics include vaccine safety and the anti-vaccine movement; access to primary care and health care reform in the United States and around the world; and the emerging metrics of health and human rights to describe the scale of the issues and to monitor progress towards internationally accepted targets for global health, such as the millennium development goals.

Mid-term and final papers will require the participant to accurately describe a current issue in health and human rights, and to take a position on the key factors in the problem that might lend themselves to a modest or large scale approach to the problem and the development of a meaningful remedy. On each subject, attention will be given to approaches and remedies that offer to mitigate human rights violations and to promote individual or population health.

Objectives

Introduce a human rights framework approach to health, health care, and medicine.

Write clearly in support of a medical-human rights issue.

Critique the limits of the human rights approach.

Evaluation

Mid-term and final papers will require the participant to accurately describe a current issue in health and human rights, and to take a position on the key factors in the problem that might lend themselves to a modest or large scale approach to the problem and the development of a meaningful remedy. On each subject, attention will be given to approaches and remedies that offer to mitigate human rights violations and to promote individual or population health.

Schedules Offered

This course is offered on a Quarterly Basis during the following quarters:
  - Winter Quarter

Weekly schedule:
Schedule Notes

Winter Quarter

Global Health Section
HMRT 21400/31400

Parent Course is HMRT 21400 and HMRT 31400
Course Eligibility and Prerequisites

Course Eligibility and Prerequisites

Max enrollment

90

Eligibility

Fourth year

Prerequisites
Ambulatory Medicine: Geriatric Medicine
2017-2018 academic year
MEDC 60900 | 100 units
Course Type: Elective - Clinical

Director:
Dr. Katherine Thompson
Primary Instructor:
Dr. Katherine Thompson katherine.thompson@uchospitals.edu
Contact:
Dr. Katherine Thompson 773-702-4990 katherine.thompson@uchospitals.edu
Campus:
UCMC
Location on first day:
TBA
Included in Lottery:
Yes
Included in MedReg:
Yes
Course can be dropped:
Yes
Visiting Students:
No
Last reviewed:
1/25/2017

Overview

This elective is designed to provide the student with a broad exposure to the care of older adults. This includes clinical assessment and care of older adults, with a scope that includes preventive care for the independent, healthy older adults to the complex medical and psychosocial management of frail and elderly persons. Students will work with the geriatricians at the South Shore Senior Center (our outpatient office), in our nursing homes, on the inpatient geriatrics consult service, and on home care visits. They can attend sub-specialty clinics in memory disorders, geriatric oncology, and frailty.

The multidisciplinary team care model will include exposure to geriatric fellows, social workers, nurses, physician assistants, and advanced practice nurses. Students will be encouraged to participate both in clinical learning and in an independent clinical project or research project if they are so inclined. Didactic sessions and clinical conferences on geriatrics and palliative care augment the curriculum. The elective can be 2-4 weeks.
Note: A car is needed for this rotation as clinical experiences are not on the main hospital campus.

Objectives

The student will demonstrate increased knowledge in the common geriatric syndromes, including delirium, dementia, frailty, falls, urinary incontinence, as well as developing skills for managing medications in older patients, discussing advanced directives, and administering palliative and hospice care. The student will be able to perform a comprehensive geriatric assessment. The student will be able to evaluate a patient with dementia. The student will understand the principles of pain management in older adults. The student will gain familiarity with the care of nursing home patients. The student will increase their understanding of multidisciplinary care and be better able to utilize members of the health care team, including social work, nursing, nurse practitioners, rehab medicine, home-care services, and clergy. The student will gain basic familiarity with Palliative Care Medicine.

Evaluation

Participation in clinics and didactic sessions with improvement in ability to ask well-informed clinical questions. Improvement in communication and physical exam skills through direct observation.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

This elective is designed to meet individual students own educational objectives, and so the contact time and hours will vary according to the students needs.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Other: Third Year Medical Clerkship
Invitation to Medical History
2017-2018 academic year
MEDC 61016 | 25 units
Course Type: Elective - Non-clinical

Director:
   Dr. Mindy Schwartz
Primary Instructor:
   Dr. Mindy Schwartz 773-702-4591 mschwart@medicine.bsd.uchicago.edu
Contact:
   Dr. Mindy Schwartz 773-702-4591 mschwart@medicine.bsd.uchicago.edu
Campus:
   UCMC
Location on first day:
   A700
Included in Lottery:
   Yes
Included in MedReg:
   Yes
Course can be dropped:
   Yes
Visiting Students:
   Yes
Last reviewed:
   2/14/2017

Overview

As a 4th year student, you are in a unique position to appreciate both the history of medicine and the medicine of history. This course is an invitation
Course Details: The course will be presented as an evening seminar on Mondays and Wednesdays in October. The course will meet twice a week as a seminar/discussion and lecture series. No previous knowledge of medical history is required. This course is designed as an introduction for those with a clinical foundation in medicine—and requires no previous history background. The goal is to explore the development of medicine over time—exploring seminal medical discoveries, as well as the evolution of clinical practice. We will discuss disease and explore its biological and social determinants. A special field trip to the Regenstein Library Special Collections and a visit to the International Museum of Surgical Sciences are two special events. Students who want extra credit—(25 points) will be required to write a short paper on the topic of their choice— to be due on December 31, 2017.
Objectives

- To impart a basic chronology of some of the most important themes, events, individuals and discoveries of medical history.
- To link history to contemporary clinical cases
- To develop a deeper understanding of disease- what it is, how we define it and what causes it both biologically and socially
- To encourage critical thinking about health, disease, the social and cultural aspects of medicine.

Evaluation

The grading is pass fail and requires attendance at lectures and the completion of a paper on a topic of the students interest.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  October

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>5:00</td>
<td>5:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-7:00</td>
<td>-7:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes

An additional visit to the Regenstein Special Collections is a special event for the class.

Students may apply for extra credit with permission of the course instructor.
Up to 15 visiting students w/b allowed.

Course Eligibility and Prerequisites

Max enrollment

100

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Pritzker Students Only
Overview

Pandemic HIV-1 infects more than 30 million globally. Two-thirds of infected persons live in sub-Saharan Africa, where co-infection with Mycobacterium tuberculosis is common, resulting in an overwhelming burden of disease for fragile economies. In the United States, the prevalence of HIV infection is above a million and the incidence although trending down slightly remains above 40,000 new infections per year. Populations at high risk are well identified (men who have sex with men, intravenous drug users and African Americans), who most benefit from targeted interventions. It is possible to eliminate new HIV infections in the United States. This will require three approaches: universal screening of patients evaluated in healthcare settings to diagnose HIV in asymptomatic persons unaware of their infection; linkage to care and treatment of all-infected persons to achieve an undetectable HIV viral load, which prevents >95% of the risk of further transmission; and prevention of HIV infection in high-risk persons with pre-exposure prophylaxis. Although HIV infection cannot be cured due to the
long-term survival of latently infected cells and no effective vaccine has been developed yet, highly-active antiretroviral therapy (HAART) prevents replication of the virus nearly completely, preventing both drug resistance and immunological deterioration. In patients with AIDS, treating HIV prevents opportunistic infections and AIDS-defining malignancy. In patients with earlier HIV infection, even at high CD4 counts, treating HIV slows down immunologic senescence and decreases mortality due to cardiovascular disease, renal insufficiency, liver impairment, and non AIDS-defining cancers. Treated and adherent patients are expected to achieve a nearly normal life expectancy.

This course will involve multiple lecturers and will describe:
1. Origins of HIV in Western African apes and spread to humans
2. Evolution of HIV and pandemic spread of HIV-1 group M
3. HIV life cycle and escape from immune responses within the human host
4. The natural history of HIV infection and AIDS associated immunodeficiency
5. Diagnostic challenges and testing for resistance, co-receptor tropism and hypersensitivity to abacavir
6. Epidemiology of HIV in the United States: can we eliminate HIV?
7. Global HIV: the pandemic, and effects of interventions
8. HIV in women; prevention of mother-to-child transmission
9. HIV in neonates and children
10. Opportunistic infections
11. AIDS-defining malignancy: Kaposi sarcoma, lymphoma and cervical cancer
12. Other HIV-associated manifestations: HIV encephalopathy, HIV cardiomyopathy, HIV nephropathy, cardiovascular mortality and non AIDS-defining malignancy
13. Highly active antiretroviral therapy regimens
14. Primary care of HIV patients
15. Immune reconstitution and immune reconstitution inflammatory syndrome
16. Case-based discussions (two sessions)

Objectives

The course aims at offering medical students a great review of the fascinating scientific and clinical aspects of HIV and AIDS, and providing them with the tools
needed to take care of HIV-infected patients. After completing the course, students will have a global understanding of the biology, medical impact and public health importance of HIV. The course will emphasize how to overcome the sociocultural barriers patients face to be diagnosed with and treated for HIV, and to maintain such good adherence to antiretroviral therapy that they reach their normal life expectancy while preventing infecting others.

Evaluation

Attendance to lectures and small group discussions is expected, and completing a multiple-choice test is required.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  April

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:

<table>
<thead>
<tr>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>5:00</td>
<td>5:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-6:50</td>
<td>-6:50</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes

PERMISSION REQUIRED TO DROP. April 2-25, 2018.

Course Eligibility and Prerequisites

Max enrollment
Eligibility

Fourth year

Prerequisites

Pritzker Students Only
Palliative Care Consultation
2017-2018 academic year
MEDC 61805 | 50 units
Course Type: Elective - Clinical

Director:
  Dr. Monica Malec
Primary Instructor:
  Dr. Monica Malec 773-702-2574 mmalec@medicine.bsd.uchicago.edu
Contact:
  Dr. Monica Malec 773-702-2574 mmalec@medicine.bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  W700
Included in Lottery:
  No
Included in MedReg:
  Yes
Course can be dropped:
  Yes
Visiting Students:
  Yes
Last reviewed:
  3/31/2017

Overview

During this two-week elective the student will learn to perform a structured history and physical exam on patients with advanced illness, treat pain and non-pain symptoms, and improve communication skills in end-of-life care. The student will be introduced to the role of consultation in palliative care for adult inpatient medicine and round daily, Monday - Friday, with the advanced practice nurse and palliative care attending on the consultation team. The student will also have the opportunity to evaluate patients in our ambulatory palliative medicine clinic. When possible, the student will have opportunities to perform home hospice visits on patients with a dedicated attending physician.
Objectives

* To learn fundamentals of palliative care consultation including how to perform initial and follow-up assessments.
* To enhance skills in pain and other symptom management (e.g. nausea, vomiting, dyspnea, anxiety, and constipation).
* To improve skills in breaking bad news, running a family meeting, discussing goals of care, withholding and withdrawing care, and working within an interdisciplinary team.
* To identify patients appropriate for hospice care or a home-based palliative care program.

Evaluation

The student will be evaluated on history and physical exam skills and ability to assimilate an assessment and plan on the consultation service. In addition competencies in ability to work within an interdisciplinary team and demonstrate end-of-life communication skills will be assessed.

Schedules Offered

This course is not offered on a Monthly Basis, or no schedule has been set at this time

This course is offered on a Bi-weekly (two week) Basis during the following months:
  January
  February
  March
  April
  May
  July
  August
  September
  October
  November
December

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Generally 8 am - 5 pm, Monday - Friday

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Overview

Fourth year externship in hematology/oncology consultation service with full time participation. Opportunity to study and manage hematology (particularly acquired bleeding and clotting disorders) and selected oncology patients from the entire hospital complex is offered. Priority is given to those who did not have inpatient hematology/oncology in Medicine 30300.

Objectives

The Hematology/Oncology Consult rotation is designed to provide students and residents with an educational experience in the evaluation, diagnosis, and management of hem/onc...
problems encountered in acutely ill and hospitalized patients. Self-instruction is emphasized and residents are expected to complete reading of appropriate chapters in standard textbooks of medicine as well as relevant chapters of standard textbooks of Hematology/Oncology. There is a wide variety of Hematology/Oncology patients that are seen. This provides the student/resident with a very good training in management of Hematology/Oncology cases that is necessary for a broad training in internal medicine.

Evaluation

Students will be evaluated based on written H&Ps, oral presentations, participation in team activities, and professionalism. In addition, students may give talks as well.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is offered on a Bi-weekly (two week) Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
**Weekly schedule:**

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td>-</td>
<td>-</td>
<td>8:00</td>
<td>-</td>
<td>8:00</td>
<td>-</td>
<td>8:00</td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Two week course, offered the 1st-15th and 16th-30/31st during the indicated months.

Time for Consult rounds are variable and depend on the attending responsible for Consult service. Students may, with permission, extend the course to 1 month at 100 credits. Arrange specific dates with Deb Milton.

**Course Eligibility and Prerequisites**

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Other: Medicine 30300
Overview

The student will rotate on the inpatient hematology-oncology service. Options for rotation will include the bone marrow transplant or chemotherapy service (specify when enrolling). The specific curriculum will be designed by the faculty depending upon the student's background and interests.

Objectives

This will be an inpatient experience, where the student will be primarily responsible for a group of patients, either with bone marrow/stem cell transplants, or those receiving inpatient chemotherapy. They will work with physician assistants, hematology/oncology fellows and an attending physician. Major objective is to learn more about patients with malignant diseases, to understand the complications of therapy and their management.

Evaluation
Students will be evaluated based on clinical activity and performance.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-4:30</td>
<td>-4:30</td>
<td>-4:30</td>
<td>-4:30</td>
<td>-4:30</td>
<td>-4:30</td>
</tr>
</tbody>
</table>

Schedule Notes

Contact attending prior to starting date. First day report to fellow on bone marrow or chemo service.

Bi-weekly = 50 credits

Monthly = 125 credits

Course Eligibility and Prerequisites
Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Hematology/Oncology Outpatient Clinic
2017-2018 academic year
MEDC 62600 | 100 units
Course Type: Elective - Clinical

Director:
  Dr. Kenneth Cohen
Primary Instructor:
  Dr. Kenneth Cohen kcohen@medicine.bsd.uchicago.edu
Contact:
  Dr. Kenneth Cohen  kcohen@medicine.bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  DCAM Hematology/Oncology Clinics 6C and 6D
Included in Lottery:
  No
Included in MedReg:
  No
Course can be dropped:
  No
Visiting Students:
  No
Last reviewed:
  9/29/2017

Overview

Three to five clinic sessions per week for 2-week block (5 per week) or 1 month blocks (3-5 per week) to see selected patients and gain perspective in the long-term management of hematology/oncology problems. Specialized clinics available include leukemia, lymphoma, stem cell transplantation, lung cancer, genito-urinary cancer, gastrointestinal cancer, melanoma, cancer risk, neuro-oncology, and drug development.

Objectives

Gain experience in the management and treatment of common malignancies. Gain perspective on the follow-up of patients with malignancies.

Evaluation
Performance will be evaluated by the attending physicians in the clinics attended by the students.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00-12:00</td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00-5:00</td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes

Please email Dr. Cohen for permission to take course. kcohen@medicine.bsd.uchicago.edu

Student schedules can be created to establish a broad exposure to different malignancies or schedules may be developed to focus on a particular malignancy (i.e, leukemia/lymphoma) or particular modality (stem cell transplantation or immunotherapy). Arranged: 3-5 half days per week for total duration of 1 month. This course is also offered on a two week basis and longer rotations (1-5 days over 3 months) can be arranged for students who desire a longitudinal exposure. No on-call schedule.
Bi-weekly rotations are worth 50 units of credit.

**Course Eligibility and Prerequisites**

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Hematology/Oncology Research
2017-2018 academic year
MEDC 63000 | VAR units
Course Type: Research / Reading

Director:
Dr. Funmi Olopade
Primary Instructor:
Olopade, Funmi folopade@medicine.bsd.uchicago.edu

Contact:
Campus:
UCMC
Location on first day:
Report to specific hem/onc faculty
Included in Lottery:
No
Included in MedReg:
No
Course can be dropped:
No
Visiting Students:
No
Last reviewed:
2/9/2017

Overview

Laboratory and/or clinical research under supervision of a member of the section. Opportunities vary. Dr. Ezra Cohen, 773-702-4137 or ecohen@medicine.bsd.uchicago.edu, Dawn Spearmon, 773-834-3094 or dspearmo@medicine.bsd.uchicago.edu, Fellowship Program Coordinator for more information.

Objectives

The Hematology/Oncology Research is designed to provide students and residents with an educational experience in the conduct of clinical or basic cancer research. The goal is to produce physician-scientists who possess the skills necessary to bridge the gaps that exist between clinical medicine and cancer biology. Students completing the rotation will be exposed to academic leaders in hematology/oncology who are able to vertically integrate their knowledge from the bedside to the bench. Students will be provided with a problem-oriented approach to research (either a
process or an approach within a disease or a specific basic science issue) and will be trained to study research problems using both laboratory and/or clinical research techniques.

Evaluation

Student/residents are evaluated by the attending under the guidelines of the American Board of Internal Medicine (ABIM) research guidelines. Performance is evaluated based on attendance, participation, ability to generate hypothesis driven research questions, and completion of a final research paper.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
   January
   February
   March
   April
   May
   July
   August
   September
   October
   November
   December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

NOTE: Student must notify the coordinator in Office of Student Programs of which faculty member with whom he/she arranges to work. Time negotiated and
arranged with faculty.

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

**Course Eligibility and Prerequisites**

**Max enrollment**

2

**Eligibility**

Fourth year

**Prerequisites**

Consent of Instructor
Overview

Elective readings with members of the Hematology/Oncology Faculty as individually arranged.

Objectives

The Hematology/Oncology Readings is designed to provide students and residents with an educational experience in the review of scientific literature. In order to provide the student/resident with a broad exposure to oncology research, a core curriculum has been developed which consists of a series of lectures and seminars in hematology/oncology is provided during the course of the year.

Students are encouraged to participate in the core curriculum which consists of the following components:

1.) Update in Hematology and Oncology: Clinical Research Issues and Basic Research Approaches
2.) Hematology/Oncology Conference. Updates in hematology oncology topics are provided by fellows,
faculty or invited guest lecturers every Monday afternoon from 12:00noon to 1pm

3.) Research Seminars. These conferences are presented every other Friday from 12-1:00p.m. These consist of state of the art presentations of important research topics in oncology and molecular biology presented by members of the faculty, invited guest speakers from other institutions, and invited guests from the Division of Biological Sciences.

In addition, students have the opportunity to research a special topic in depth with guidance by a faculty member.

Evaluation

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>12:00-</td>
<td>-</td>
<td>-</td>
<td>12:00-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

1:00  1:00

Schedule Notes
Student must notify the Coordinator in the office of Student Programs or the Faculty Member with whom they arrange to work. Schedule will be arranged with instructor on Mondays and Fridays.

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Overview

This is a full-time clinical clerkship in which students participate in the diagnosis and management of patients with traditional infections and newly characterized infections resulting from immunosuppression or medical progress. The student will see patients as the initial consultant and present cases at daily attending rounds. During attending rounds and in brief didactic sessions, students will receive instruction regarding major infective syndromes, antibiotic use, and clinical microbiology. Two clinical conferences are held each week for students, house staff, and faculty.

Objectives
To learn to recognize common infectious disease syndromes, to develop knowledge and critical judgment skills needed to evaluate suspected infections, and to learn appropriate use of antibiotics.

Evaluation

Students will be evaluated based on their performance on the wards and a written exam.

Schedules Offered

This course is not offered on a Monthly Basis, or no schedule has been set at this time

This course is offered on a Bi-weekly (two week) Basis during the following months:
  January
  February
  March
  April
  May
  July
  August
  September
  October
  November
  December

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>

Schedule Notes
Two week course, offered the 1st-15th and 16th-30/31st during the indicated months.

To accommodate residency interviews, up to one day per week may be excused for scheduled interviews. Students may, with permission, extend the course to 1 month at 100 credits. Two week rotations can be bumped by students requesting a full month. Arrange specific dates with Deb Milton.

This course ends after the last consult.

Course Eligibility and Prerequisites

Max enrollment

3

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Other: Medicine 30300
Overview

This is a full-time course open to students in all four years of medical school. Students are free to engage in clinical or basic research studies in affiliation with any member of the Infectious Diseases Section. Contact the Section Chief for information regarding current research opportunities.

Objectives

To learn research design and techniques and to gain substantial knowledge of a particular infectious disease.

Evaluation

An evaluation will be provided by the research mentor.
This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
  July
  August
  September
  October
  November
  December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course is offered Quarterly and Monthly.

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form
https://survey.cri.uchicago.edu/EFM/se.ashx?s=359EF85933091911

Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

1
Eligibility

Fourth year

Prerequisites

Consent of Instructor
Overview

Full-time participation in section's renal consultation services. Consultations are from all aspects of inpatient care, (including but not limited to medical, surgical, OB/GYN services, and critical care services). Consults commonly cover such topics as acute renal failure/kidney injury, electrolyte abnormalities, and fluid/acid-base management along with others. Students work closely with Nephrology Fellows and medical residents (PGY II and III) in initial evaluation of patients requiring renal consultation and daily follow-up of patients. Attendings will round with the consult team daily. Weekly conferences include renal grand
rounds, renal biopsy conference, electrolyte conference and a variety of other case presentations. Students are also encouraged to go to Tuesday afternoon General Nephrology Clinic with the Nephrology Fellow.

Objectives

Learn to evaluate and manage acute kidney injury. Learn how to complete and interpret urine analysis and urine electrolytes. Learn about indications for renal replacement therapy (both intermittent hemodialysis as well as continuous modalities, CVVH, CVVHD). Learn to evaluate and manage fluid, electrolyte, and acid-base disturbances. Learn to evaluate and manage chronic kidney diseases (including but not limited to glomerulonephritis, hypertensive kidney disease, diabetic kidney disease).

Evaluation

Attendance and proficiency.

Schedules Offered

This course is offered on a Monthly Basis during the following months:

- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
December

This course is offered on a Bi-weekly (two week) Basis during the following months:
  January
  February
  March
  April
  May
  June
  July
  August
  September
  October
  November
  December

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
</tr>
<tr>
<td>PM</td>
<td>-5:00</td>
<td>5:00</td>
<td>5:00</td>
<td>5:00</td>
<td>5:00</td>
<td>5:00</td>
<td>5:00</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

3

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)
Prerequisites

None
Elective with Nephrology - NorthShore
2017-2018 academic year
MEDC 66200 | 100 units
Course Type: Elective - Clinical

Director:
   Nephrology and Hypertension team
Primary Instructor:
Contact:
   Amy Wilde 847-570-2512 awilde@northshore.org
Campus:
   Northshore
Location on first day:
   Evanston Hospital - Division of Nephrology and Hypertension Room 3213
Included in Lottery:
   Yes
Included in MedReg:
   Yes
Course can be dropped:
   No
Visiting Students:
   Yes
Last reviewed:
   2/23/2017

Overview

Introduction to senior medical students to renal disease, hypertension, acid base and electrolyte disorders by direct experience with patients, daily teaching sessions, weekly/monthly conferences.

Objectives

To be involved in care of nephrology division patients

To begin understanding pathophysiology, assessment, and management of renal
disease. hypertension, acid-base and electrolyte disorders

Evaluation

Clinical performance – initial patient work-ups, progress notes, case presentation

Review of medical literature

Ability to work with house staff, fellows, division members

Presentation of pertinent topic to division members

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
  June
  July
  August
  September
  October
  November
  December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
</tr>
</tbody>
</table>
Schedule Notes

CONSENT NEEDED TO DROP

The student is not expected to be on call or be available on weekends.

Instruction given by all physicians of the Nephrology and Hypertension team

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of the Department
Overview

This is a laboratory research elective. The student will take part in ongoing investigations relating to one of the following topics: experimental rodent models of glomerular disease; functional genomic profiling; genetic engineering of diabetic mice; immunological tolerance and autoimmunity; murine models of lupus; experimental models of acute septic and ischemic renal failure; autocrine growth factors that mediate epithelial regeneration after injury; cell surface molecules that mediate nucleation and binding of urinary crystals. Reading pertaining to the relevant pathophysiology will be required. Attendance at both renal research and clinical conferences will be encouraged.

Objectives

Objectives of this course are to learn research design and techniques and to gain substantial knowledge of a particular nephrology disease.
Evaluation

An evaluation will be provided by the research mentor.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
  July
  August
  September
  October
  November
  December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

NOTE: Student must notify the coordinator in Office of Student Programs of which faculty member with whom he/she arranges to work. Course is arranged with a faculty member. Course is not available in two week sessions.

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.
Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Overview

This sub-internship experience will take place in the adult medical intensive care unit (MICU), where care is provided for 15-25 critically ill patients daily. Over the academic year, twelve faculty members, six critical care fellows, and rotating residents from the internal medicine residency program will provide supervision and instruction.

The student participating in this sub-internship will begin the month-long experience assigned to one of the four housestaff teams (one resident, two interns) that provide care for patients admitted to the MICU. The team will admit patients for a 24-hour period every fourth day and care for them until discharge from the ICU. The student will be assigned critically ill patients at the time of admission in the same fashion as would an intern and will be expected to complete all tasks related to the care of these patients. These tasks include but are not limited to history taking, physical examination, interpretation of monitoring and test results, development of care plan, performing procedures with appropriate supervision,
documentation of a plan of care, communication with other care providers, and communication with patients and surrogate decision-makers where appropriate.

The final week of the rotation will be spent as part of the night admitting and cross-covering team. The student will admit new patients and provide resident supervised cross-coverage for previously admitted patients on the service.

Seminars and learning activities will be based on the students' patient care experiences coordinated with a syllabus outlining broad aspects of the pathophysiology of critical illness. Attendance is expected for the entire month except for days off as scheduled for the team to which the student is assigned.

Objectives

- Gather and organize the large quantity of information typical of critically ill adult patients
- Achieve fundamental knowledge and baseline competency for evaluating and treating common critical care scenarios including but not limited to:
  - Shock including hypovolemic, septic, and cardiogenic
  - Support with vasoactive medications
  - Respiratory failure including acute hypoxemic respiratory failure, status asthmaticus, and acute-on-chronic respiratory failure
  - Non-invasive ventilation
  - Invasive mechanical ventilation
  - Sedation and analgesia
  - Acute kidney injury
  - Advanced liver disease
  - Common infectious diseases
- Perform common critical care procedures
- Actively participate in empathic and comprehensive end-of-life care
- Learn a comprehensive and inter-professional approach to complex critically ill patients
- Appreciate best practices to minimize risk of adverse events in vulnerable patients

Evaluation

The student will be evaluated using the Subinternship Student Assessment Form. The evaluation will be completed based on the following:

- Oral presentations
• Written documentation of care plan
• Observation of patient and family encounters
• Participation in small-group learning activities
• Performance as member of inter-professional team

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
  June
  July
  August
  September
  October
  November
  December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-8:00</td>
<td>-5:00</td>
<td>-4:00</td>
<td>-4:00</td>
<td>-8:00</td>
<td>-3:00</td>
</tr>
</tbody>
</table>

Schedule Notes

Students will have on average one day off per week. The day off will not always fall on a weekend.

ONCE SCHEDULED, THIS COURSE CANNOT BE DROPPED UNLESS YOU OBTAIN THE SIGNATURE OF THE ATTENDING PHYSICIAN ON SERVICE.

Course Eligibility and Prerequisites
Max enrollment

1

Eligibility

Fourth year

Prerequisites

Other: Medicine 30300
Overview

This elective provides in-depth exposure to a wide variety of pulmonary patients and disease processes. The Pulmonary Section is known for their expertise in airway disease (asthma/COPD and bronchiectasis and cystic fibrosis), interstitial lung disease, lung nodules and cancer and more unusual pulmonary diseases. The primary responsibility of the student is to evaluate patients for whom pulmonary consultation is requested by inpatient services throughout the hospital. During consultation rounds, unique aspects of history-taking and physical examination of the chest are reviewed, and students gain
experience interpreting data crucial to the understanding of pulmonary disease (chest x-rays, CT scans, pulmonary function tests, pleural fluid analysis, and pulmonary histopathology). Outstanding teaching, both formal and informal, is a hallmark of the rotation. A syllabus is given to the student with recommended literature to review during the rotation.

Each morning the service meets at Pulmonary and Critical Care Medicine Morning Report where consult cases, as well as cases from the Pulmonary Outpatient Clinics and the Medical Intensive Care Unit, are presented to the fellows and faculty of the section for review and discussion. Students also attend the weekly Chest Radiology conference and Pulmonary and Critical Care Clinical Conference where an interesting or complex case is presented in detail. The rotation is multidisciplinary with extensive interactions with chest radiology and pulmonary pathology faculty.

Objectives

Perform a focused history and physical examination on hospitalized patients with pulmonary disease. Learn to read chest x-rays and chest CT scans and pulmonary function tests. Learn to evaluate and diagnose pulmonary disease.

Evaluation

Based on attendance and skill in interviewing and examining consult patients, presenting patients to the attending physician, and discussing differential diagnosis and diagnostic evaluation of consult cases.
Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>8:30</td>
<td>8:30</td>
<td>8:30</td>
<td>8:30</td>
<td>8:30</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-4:30</td>
<td>-4:30</td>
<td>-4:30</td>
<td>-4:30</td>
<td>-4:30</td>
</tr>
</tbody>
</table>

Schedule Notes

Location on first day:
Page the pulmonary fellow on service and report to Pulmonary Morning Report at 9:00AM in CCD 10-490

NOTE: ONCE SCHEDULED, THIS COURSE CANNOT BE DROPPED UNLESS A REPLACEMENT IS FOUND OR YOU OBTAIN THE SIGNATURE OF THE ATTENDING ON SERVICE.
Course Eligibility and Prerequisites

Max enrollment

3

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

None
Pathophysiology of Critical Illness: An ICU Experience
2017-2018 academic year
MEDC 68500 | 100 units
Course Type: Elective - Clinical

Director:  
Dr. John P. Kress
Primary Instructor:  
Dr. John P. Kress jkress@medicinebsd.uchicago.edu
Contact:
Campus:  
UCMC
Location on first day:  
Report to MICU at 7:00 a.m.

Included in Lottery:  
Yes
Included in MedReg:  
Yes
Course can be dropped:  
No
Visiting Students:  
Yes
Last reviewed:  
1/25/2017

Overview

Clinical activities will be located in the adult intensive care units, where intensive care will be provided for 18-30 patients. Sixteen faculty members and six critical care fellows will participate in the program on the Critical Care team operating in the Medical ICU. An additional elective opportunity for the participating students is to take night call in the medical intensive care unit. Each student will be assigned one to two critically ill patients at the time of admission. As the student gains expertise, additional patients will be assigned. Seminars and learning activities will be based on the students' patient care experiences coordinated with a syllabus outlining broad
aspects of the pathophysiology of critical illness. Attendance is expected for the entire month except for days off arranged with ICU team that student is assigned to.

Objectives

Learn a comprehensive approach to the complex, critically ill patient. Gain experience with the principles of critical care.

Evaluation

Students will be evaluated based on oral and written presentations and small-group teaching settings.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
  June
  July
  August
  September
  October
  November
  December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

  Sun  Mon  Tues  Wed  Thu  Fri  Sat
AM  7:00 - 7:00 - 7:00 - 7:00 - 7:00 - 7:00 - 7:00

PM  -3:00 -5:00 -5:00 -5:00 -5:00 -5:00 -3:00

Schedule Notes

NOTE: ONCE SCHEDULED, THIS COURSE CANNOT BE DROPPED UNLESS YOU OBTAIN THE SIGNATURE OF THE ATTENDING ON SERVICE.

Can be taken for 2 weeks for 50 units

Course Eligibility and Prerequisites

Max enrollment

4

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Other: Medicine 30300
Overview

The Sub-internship in Critical Care at NorthShore is designed to introduce the student to the role of an intern in Critical Care. The student will be expected to perform in the role of an intern in handing the day-to-day patient care under the direct supervision of a resident and critical care attending. More specifically, the sub-intern will directly participate in the management of these patients by documenting history and physicals, progress notes, writing all orders and helping to establish the plan of care.

In this process, the student will be exposed to
the management of the critically ill patient, including but not limited to, the management of fluids, vasopressors, mechanical ventilation and general medical issues. The student will also attend all conferences expected of interns as well as the weekly sub-internship conference. In brief, the student will act as an intern as much as possible.

Objectives

The Student will be able to:

1) Write a history and physical that is succinct, but encompasses all pertinent information; admission and daily order and discharge summaries and plans.

2) Understand the fundamentals of mechanical ventilation, fluid management, use of vasopressors and general medical issues including diagnosis and treatment plans of a variety of common medical problems that are encountered in the critically ill patient.

3) Assist in the coordination of communication between all physicians, nurses and other patient care providers.

Evaluation

The student will be given a pass/fail grade on the basis of the following:
1) History and physical exam skills growth over the course of the rotation

2) Integration of testing modalities to formulate diagnoses and treatment plans

3) Understanding of the fundamentals of mechanical ventilation, fluid management, use
of vasopressors.

4) Thoroughness in patient work-ups and empathy in doctor-patient relationships

5) And more generally, these 5 areas will be used to evaluate the student:
   - Medical Knowledge
   - Patient Care
   - Professionalism
   - Interpersonal and Communication Skills
   - Practice Based Learning/Life Long Learning

Schedules Offered

This course is offered on a Monthly Basis during the following months:
   January
   February
   March
   April
   May
   July
   August
   September
   October
   November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>7:00</td>
<td>7:00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>7:00</td>
<td>7:00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>7:00</td>
<td>7:00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-6:00</td>
<td>-6:00</td>
<td>-6:00</td>
<td>-6:00</td>
<td>-6:00</td>
</tr>
</tbody>
</table>

Schedule Notes
Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

None
Procedure Service Rotation. All common invasive procedures (e.g. central lines, thoracentesis, paracentesis, arterial lines, lumbar puncture) both inpatient and outpatient are performed.

Objectives

To establish experience with all invasive procedures listed above.

Evaluation

Evaluation is based on performance participating in above procedures.

Schedules Offered
This course is not offered on a Monthly Basis, or no schedule has been set at this time

This course is offered on a Bi-weekly (two week) Basis during the following months:
   April
   July
   September
   October
   November
   December

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>9:00</td>
<td>9:00</td>
<td>9:00</td>
<td>9:00</td>
<td>9:00</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes

ONCE SCHEDULED, THIS COURSE CANNOT BE DROPPED UNLESS A REPLACEMENT IS FOUND.
Contact Dr. Kress one to two days prior to the first day of course. Student must notify Dr. Kress of planned absences prior to the beginning of the course.

Student is expected to be present every day of the rotation. If there are any days missed, regardless of the reason, the student must declare this prior to starting the rotation. This includes student interviews.

The following are specific dates the course will be offered:

7/26/17 to 8/8/17
9/20/17 to 10/3/17
10/4/17 to 10/17/17
11/1/17 to 11/14/17
12/27/17 to 1/9/18
4/4/18 to 4/17/18

Course Eligibility and Prerequisites

Max enrollment
Eligibility

Fourth year

Prerequisites

Consent of Instructor
Research in Pulmonary and Critical Care Medicine
2017-2018 academic year
MEDC 69004 | VAR units
Course Type: Research / Reading

Director:
   Dr. Julian Solway
Primary Instructor:
   Dr. Julian Solway 773-702-6790 jsolway@medicine.bsd.uchicago.edu
Contact:
   Dr. Julian Solway 773-702-6790 jsolway@medicine.bsd.uchicago.edu
Campus:
   UCMC
Location on first day:
   M-644
Included in Lottery:
   No
Included in MedReg:
   No
Course can be dropped:
   No
Visiting Students:
   No
Last reviewed:
   2/9/2017

Overview

Students will participate in ongoing research into the pathophysiology, treatment, and epidemiology of lung diseases and of critical illness. Research projects will be assigned and laboratory or clinical research will be closely supervised.

Objectives

The objective is to familiarize students with current research topics and techniques, through direct laboratory or clinical research experience.

Evaluation

Performance evaluation will be based on the student attendance and participation.
Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Students must notify the coordinator in the Department of Medicine’s Office of Student Programs of the name of the faculty member with whom the student arranges to work.

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment
Eligibility

Fourth year

Prerequisites

Consent of Instructor
Overview

For a 4th year medical student, a sleep medicine elective exposure to clinical care in all of these areas and will also reviews of neuroscience and respiratory physiology. Learning about healthy sleep practices will be critical for personal application in future medical training and practice.

A 2-week elective, for 4th year medical students. Clinical experience will comprise of 5 ½-day clinics a week. Clinics are available in adult sleep neurology, adult pulmonary sleep, adult sleep psychology, and pediatrics sleep. An option for surgical experience in sleep otolaryngology also exists. Actual clinic assignments can be customized based on medical student interest. Students will also spend 2 ½-day periods with sleep medicine faculty and fellows learning about polysomnographic (sleep study) interpretation. Non-clinically, there will be 4-5 didactics a week in sleep medicine topics, a reading list of high-
yield sleep medicine peer-reviewed literature, and the requirement of students to present a short, based talk on a sleep medicine topic.

Objectives

Medical Knowledge
• Physiology of normal human sleep, pediatric and adult
• Respiratory pathophysiology during sleep
• Hypersomnia evaluation and management
• Insomnia evaluation and management
• Evaluation and management of circadian rhythm disorders
• Pharmacology in the management of sleep disorders

Patient Care
• Conduct and interpret a comprehensive clinical sleep history
• Understand how to use sleep questionnaires and sleep study testing as part of the clinical evaluation
• Be able to counsel patient on healthy sleep practices

Practice-Based Learning:
• Think about ways to incorporate sleep disorder screening into medical practice, regardless of specialty
• Prepare and present an evidence-based medicine talk on a sleep medicine topic

Interpersonal/ Communication Skills:
• Assist in providing effective, professional consultation to other physicians and health care professionals
• Use effective listening, nonverbal, questioning and narrative skills to communicate with patients and families
• Maintain comprehensive and timely electronic medical records

Professionalism:
• Demonstrate respect, compassion, integrity, and altruism in relationships with patients, families, and colleagues
• Demonstrate sensitivity and responsiveness to the gender, age, culture, religion, sexual preference, socioeconomic status, beliefs, behaviors and disabilities of patients and professional
colleagues
• Adhere to principles of confidentiality, academic integrity, and informed consent

Systems-Based Practice:
• Understand the sleep resources, providers and systems necessary to provide medical care, including:
  o Sleep laboratory
  o Home Care/ Durable Medical Equipment providers

• Understand manner in which sleep therapy is delivered and tailored to patients, including the limitations of therapy options
  o Pharmacotherapy
  o PAP devices / masks

Evaluation

• Pre-test and post-test to assess medical knowledge

• Summative evaluations, written and verbal, will be given at end of rotation, based on competency goals and objectives, and will take into account the following specifics:
  o Observed history taking and physical exam
  o Patient H&P write-ups
  o Topic presentation
  o Professionalism
  o Attendance
• Student feedback of rotation will be critical for growth/development of the elective

Schedules Offered

This course is not offered on a Monthly Basis, or no schedule has been set at this time

This course is offered on a Bi-weekly (two week) Basis during the following months:
  January
  February
  March
  April
  May
  July
  August
  September
Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Schedule arranged with faculty

AM
MON – Sleep study reading
TUE – neuromuscular weakness clinic and Sleep Study Reading
WED – Adult Sleep Clinic
THU - Adult Sleep Psych Clinic
FRI – Journal club/case conference/lecture

Noon Lecture
MON – One-on-one didactic
WED - One-on-one didactic
THU – One-on-one didactic

PM
MON - Adult Sleep Clinic
TUE – Sleep study reading session
WED - Adult Sleep Clinic
THU – Adult Sleep Clinic
FRI – Independent Reading

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility
Fourth year

Prerequisites

Consent of Instructor
Readings in Pulmonary Medicine
2017-2018 academic year
MEDC 69300 | VAR units
Course Type: Research / Reading

Director: Pulmonary Faculty
Primary Instructor: 
Contact: 
Campus: UCMC
Location on first day: TBA
Included in Lottery: No
Included in MedReg: No
Course can be dropped: Yes
Visiting Students: No
Last reviewed: 1/25/2017

Overview

Directed readings with members of the Pulmonary Staff as individually arranged.

Objectives

Choose a topic, read about it in depth, and prepare a 45-minute oral presentation.

Evaluation

Quality of oral presentation.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes

Meeting times to be determined by mutual agreement.

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form: https://survey.cri.uchicago.edu/EFM/se.ashx? s=359EF85933091911

Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

15

Eligibility

Fourth year
Prerequisites

Consent of Instructor
Vignettes in Physiology
2017-2018 academic year
MEDC 69500 | 150 units
Course Type: Selective - Basic Science

Director:
   Dr. Michael F. O'Connor
Primary Instructor:
   Dr. Michael F. O'Connor moc5@dacc.uchicago.edu
Contact:
   Dr. Michael F. O'Connor 773-702-0182 moc5@dacc.uchicago.edu
Campus:
   UCMC
Location on first day:
   O-413
Included in Lottery:
   Yes
Included in MedReg:
   Yes
Course can be dropped:
   No
Visiting Students:
   No
Last reviewed:
   3/16/2017

Overview

Vignettes in Physiology (VIP) is a course designed to help students learn the physiologic underpinnings of clinical medicine. About 20 topics are discussed in morning seminars about pathophysiology and in afternoon problem-solving sessions. Students benefit from reading 2-4 hours/day in a comprehensive course syllabus.

Objectives

To review and understand principles of physiology. To learn to apply this knowledge and to solve common clinical problems in internal medicine.

Evaluation

Attendance, participation and two (2) hour written multiple choice examination.
Schedules Offered

This course is offered on a Monthly Basis during the following months:
  October

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>9:00</td>
<td>9:00</td>
<td>9:00</td>
<td>9:00</td>
<td>9:00</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-11:00</td>
<td>-11:00</td>
<td>-11:00</td>
<td>-11:00</td>
<td>-11:00</td>
<td>-11:00</td>
<td>-11:00</td>
</tr>
<tr>
<td>PM</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-3:00</td>
<td>-3:00</td>
<td>-3:00</td>
<td>-3:00</td>
<td>-3:00</td>
<td>-3:00</td>
<td>-3:00</td>
</tr>
</tbody>
</table>

Schedule Notes

Full Time - Monday - Friday 9:00 am to 11:00 am and 1:00 pm to 3:00 pm. This course is only offered for the month of October.

Course Eligibility and Prerequisites

Max enrollment

40

Eligibility

Fourth year

Prerequisites

Pritzker Students Only
Overview

Sleep occupies 1/3 of our life, and yet the physiology of sleep and the consequences of sleep disorders remain under-recognized. Since sleep disorders (including insomnia, sleep apnea, circadian disorders, and disorders of hypersomnia) affect >75% of the adult and pediatric population and have important health consequences, recognition is important for clinicians in any patient care setting. This course will provide a setting to review the physiology of sleep and sleep disorders, and to review the diagnosis and management of common sleep disorders.

The format of this highly interactive course will be both lecture-based and case discussion-based. The overall goals are to increase students' familiarity with the underlying physiology of sleep and awareness of common sleep disorders from diagnosis to treatment. Topics covered will include:
1. Historical perspectives on sleep and sleep medicine
2. The physiology of normal sleep- why do we sleep? why do we dream?
3. Normal sleep changes from birth to death
4. Consequences of poor sleep
5. Pediatric sleep disorders
6. Adult sleep disorders
7. Sleep disruption/disorders in the inpatient/perioperative setting
8. Sleep in the workplace- considerations for the medical trainee
9. Case-based discussions

Objectives

By the end of this elective, Students will be able to
1. Describe the physiology of normal sleep, as it relates to:
   (a) physiologic causes of sleepiness
   (b) sleep changes with aging, and
   (c) circadian variation in hormonal signaling

2. State the basic components of a sleep history in the pediatric and adult patient.

3. Discuss three consequences of disrupted sleep in the inpatient and perioperative setting.

4. Students will be able to articulate healthy sleep habits and strategies for medical trainees and discuss the medical literature supporting these.

Evaluation

Evaluation will be based on attendance to and participation in lectures and small-group sessions.

A basic, multiple-choice test will be offered at the beginning and end of the course to evaluate the course's effectiveness, but this will not be used for student evaluation.

Absences not allowed.

Minimum of 5 students needed

Schedules Offered

This course is offered on a Monthly Basis during the following months:
   January
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>8:30</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>-11:30</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

15

Eligibility

Fourth year

Prerequisites
Rheumatology Outpatient and Consultation Service
2017-2018 academic year
MEDC 70300 | 50 units
Course Type: Elective - Clinical

Director:
  Dr. Anisha Dua
Primary Instructor:
  Dr. Anisha Dua adua@medicine.bsd.uchicago.edu
Contact:
  Dr. Anisha Dua adua@medicine.bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  DCAM 4C Rheumatology Clinic
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  No
Visiting Students:
  Yes
Last reviewed:
  3/16/2017

Overview

During a two week rotation, the Fourth year student will work closely with the attending physician, in evaluation of inpatient rheumatology consults and will examine and discuss new patients with the attending physicians in the Rheumatology Outpatient Clinic. The student will participate in weekly Rheumatology X-ray and Clinical Conferences. The attending physician will discuss important clinical and investigative topics in rheumatology and clinical immunology utilizing primary literature.
Objectives

By the end of the rotation, the student will be able to: perform a thorough rheumatologic examination, recognize physical signs in the rheumatic diseases, interpret pertinent laboratory data, and understand the role of rheumatologic specialist.

Evaluation

Attendance and participation in conferences and topic discussions.

Schedules Offered

This course is not offered on a Monthly Basis, or no schedule has been set at this time

This course is offered on a Bi-weekly (two week) Basis during the following months:
   January
   February
   March
   April
   May
   July
   August
   September
   October
   November
   December

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
</tr>
<tr>
<td>AM</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM</td>
<td></td>
<td></td>
<td></td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>
Schedule Notes

NOTE: ONCE SCHEDULED, THIS COURSE CANNOT BE DROPPED UNLESS A REPLACEMENT IS FOUND.

The course is not available the last half of December or from Nov 2-9th

Time arranged with faculty. Schedule to be set on the first day of the elective by the attending Rheumatology Consult Service.

Report to resident assigned to service: DCAM 4C Rheumatology Clinic.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Other: Medicine 30300
Research in Rheumatology
2017-2018 academic year
MEDC 70500 | VAR units
Course Type: Research / Reading

Director: Medicine Faculty
Primary Instructor: 
Contact: 
Campus: UCMC
Location on first day: TBA
 Included in Lottery: No
 Included in MedReg: No
Course can be dropped: No
Visiting Students: No
Last reviewed: 2/27/2017

Overview

Laboratory and/or clinical research under supervision of a member of the section.

Objectives

The Rheumatology Research is designed to provide students and residents with an educational experience in the conduct of clinical or basic rheumatology research.

Evaluation

Completion of research

Schedules Offered
This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes

Fill out an independent Study form for credit

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Overview

The annual Senior Scientific Session was founded in 1946 by Dr. Leon Jacobson to provide fourth year medical students with a forum to present their research.

This is an outstanding opportunity to share the research that you have conducted during your time in medical school. Any medical student who has conducted research while in medical school and who plans to graduate in the Spring of 2018 is eligible to participate. By participating you will receive 100 units of senior elective credit.

You will be registered by Maureen Okonski after officially signing up with Kate Blythe.

Objectives

You will be required to submit an abstract of your work in April which will be reviewed by a faculty committee.
Based on their review, finalists will do oral presentations at the beginning of the event, followed by a poster session of the remaining research.

Evaluation

Student presentations and posters are judged by a panel of faculty members. Seven cash prizes for excellence in science and presentation will be awarded at the Divisional Academic Hooding Ceremony.

Schedules Offered

This course is offered on a Monthly Basis during the following months:

May

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

The annual Senior Scientific Session will be taking place on the afternoon of Thursday, May 17, 2018

We sincerely hope that you are interested in sharing your research at the Senior Scientific Session!

For those of you participating in Scholarship & Discovery, you can indicate your interest in participation on the MS4 Learning Plan in E*Value (due October 1st).

For MSTP, dual-degree and other students exempt from Scholarship & Discovery, you can indicate your interest by responding to this message on or before October 1st.
I have provided a timeline below for your consideration.

Senior Scientific Timeline:
10/1 Notification of interest in participation (via Learning Plan or Email)
3/01 Abstract Submission tool opens
4/01 Abstracts Due to be judged by faculty
4/15 Students notified whether they are doing an oral or poster presentation
5/18 70th Annual Senior Scientific Session

Registration will be done by the Registrar

Course Eligibility and Prerequisites

Max enrollment
90

Eligibility

Fourth year

Prerequisites

Pritzker Students Only
Advanced Clinical Pharmacology and Therapeutics
2017-2018 academic year
MEDC 77700 | 100 units
Course Type: Selective - Basic Science

Director:
  Dr. Randy Sweis
Primary Instructor:
  Dr. Randy Sweis rsweis@medicine.bsd.uchicago.edu
Contact:
  Michelle Domecki 773-702-9699 mdomecki@medicine.bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  TBA
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  Yes
Visiting Students:
  No
Last reviewed:
  3/1/2017

Overview

This course is structured for the 4th year medical student to consolidate the principles of pharmacokinetics and pharmacodynamics in a case-based structure. The course is designed as a daily seminar to mesh the principles of pharmacokinetics and pharmacodynamics in the context of clinical case studies. Covered topics will include but are not limited to the entire spectrum of therapeutics, drug-drug and drug-patient interactions, drug metabolism, and case management. Principles of the modern drug development process will also be covered. All cases will be distributed prior to the start of the course and will include readings from recent journal articles to facilitate discussion.

Objectives

Students will work individually or in teams on 1-2 cases per session, facilitating case discussion in concert with a faculty member and fellow. In addition to advancing
the student's knowledge base in pharmacology, necessary skills in presentation and organization will be enhanced.

Evaluation

Performance will be assessed by both class participation and final examination.

Schedules Offered

This course is offered on a Monthly Basis during the following months: February

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>3:30</td>
<td>3:30</td>
<td>3:30</td>
<td>3:30</td>
<td>3:30</td>
<td>3:30</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>

Schedule Notes

This course is offered only for the month of February.

Information sent to students prior to start date for class location.

Course Eligibility and Prerequisites

Max enrollment

40

Eligibility
Fourth year

Prerequisites

Pritzker Students Only
Overview

This course will offer 6-8 students the opportunity to think critically about a broad range of topics that will apply to any specialty. We hope to achieve the similar intention of residency morning reports that is tailored to concepts that will apply to fourth year students and will benefit them as they enter their respective residencies.

Objectives

To hone students’ observational skills

- To build communication skills through observation, description, and analysis

- To consider artwork as a tool to build empathy

- To use art as a tool to discuss values in medicine

Evaluation
1. Attendance

2. Participation

Schedules Offered

This course is not offered on a Monthly Basis, or no schedule has been set at this time

This course is offered on a Bi-weekly (two week) Basis during the following months:
January
February

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
</tr>
<tr>
<td></td>
<td>-3:00</td>
<td>-3:00</td>
<td>-3:00</td>
<td>-3:00</td>
<td>-3:00</td>
<td>-3:00</td>
</tr>
</tbody>
</table>

Schedule Notes

January 22 - 26 –
Time: 1:00pm-3:00pm
Total enrollment: 8

March 5-9
Time: 11:00 am - 1:00 pm
Total enrollment: 8

Contact Pritzker Chiefs to enroll

Must find replacement to drop.

Course Eligibility and Prerequisites

Max enrollment
Eligibility

Fourth year

Prerequisites

Consent of the Department
Neurology
Fourth Year
Electives

2017-2018
Overview

This is a Neurology Elective, ideally for 4th year students interested in Neurology, to learn from our MS experts, at U of C and at NorthShore, the appropriate diagnosis and management of MS. MS is the leading cause of Neurologic disability in adults apart from head injury, and appears to be on the increase. Diagnosis of this condition is evolving, and treatment is increasingly complex, requiring more time than is currently available in our general neurology elective, and beyond the scope of the core neurology clerkship. We believe this elective will expose
the interested student to a growing niche of patients requiring complex therapeutic management.

Objectives

1. Expanded differential diagnosis skills in Neurological disorders

2. Develop skills in Neuroradiologic assessment of demyelinating disorders, and distinguishing from non-demyelinating disorders

3. Develop skills in performing and interpreting Lumbar Puncture results

4. Learn the spectrum of MS and MS spectrum disorders, how to monitor, at 2 MS Centers, U of C, and NorthShore

5. Learn the appropriate therapeutic approaches for the demyelinating disorders, and risks vs benefits under expert supervision

6. Review of basic immunologic therapeutics in neurology

Evaluation

Student will learn to correctly take a history and examine a patient presenting with a demyelinating disorder

Student will develop a differential diagnosis

Student will gain better skills at reviewing MRI of brain and spine

Student will learn about the basic pathophysiology of MS disease, and how and
where immunological therapies may be used

Student will learn the complex risk and benefits to be considered when initiating therapies, and following patients with this disease

Students will gain understanding of MS across the lifespan in MS patients, including male vs female patients

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  - January
  - February
  - March
  - April
  - May
  - June
  - September
  - October
  - November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>8:30</td>
<td>8:30</td>
<td>8:30</td>
<td>8:30</td>
<td>8:30</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>

Schedule Notes

Changed the Director to Dr. Susan Rubin at North Shore. Primary Instructors are now Dr.
Course will be coordinated between NorthShore and U of C outpatient clinic

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Neurology Selective
2017-2018 academic year
NURL 43100 | 50 units
Course Type: Elective - Clinical

Director:
  Dr. Agnieszka Ardelt
Primary Instructor:
  Agnieszka Ardelt, MD 2-6397 aardelt@neurology.bsd.uchicago.edu
Contact:
  Marla Scofield 2-0151 mscofiel@uchicago.edu
Campus:
  UCMC
Location on first day:
  Contact Marla Scofield
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  No
Visiting Students:
  Yes
Last reviewed:
  3/22/2017

Overview

This is a 2 week selective offered to accommodate Pritzker medical students interested in a potential career in Neurology. The selective is flexible and can be designed on an case-by-case basis to accommodate the students specific interests in Neurology. Time may be spent in the outpatient subspecialty clinics (MS, vascular, headache, ataxia, movement disorders, dementia, neuromuscular, peripheral nerve, neurooncology, sleep)

Objectives
To give students a working knowledge of the diagnosis and management of neurological disorders

Evaluation


Schedules Offered

This course is not offered on a Monthly Basis, or no schedule has been set at this time.

This course is offered on a Bi-weekly (two week) Basis during the following months:
- January
- February
- March
- April
- May
- September
- October
- November

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>8:30</td>
<td>8:30</td>
<td>8:30</td>
<td>8:30</td>
<td>8:30</td>
<td>8:30</td>
</tr>
<tr>
<td></td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>17:00</td>
</tr>
</tbody>
</table>

Schedule Notes
Offered 1st - 15th or 16th-30/31 for the months listed above.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Overview

Movement Disorders Rotation

Three movement disorders specialists are located at Glenbrook Hospital. During the rotation in Movement Disorders the participant will be exposed to the diagnosis, evaluation and treatment of such disorders as Parkinson’s disease, Dystonia, Tremor disorders, and tic disorders including Tourette’s syndrome, Huntington’s disease and a variety of other less common movement disorders. Participants will observe botulinum toxin injections for the treatment of focal dystonia and spasticity. Attendance at the weekly deep brain stimulation surgery for the treatment of movement disorders is also strongly encouraged.

Students will have the opportunity to observe the outpatient programming of deep brain stimulators for PD and tremor.

Objectives
At the conclusion of this elective students will be able to:

1. Identify different movement disorders by history and examination.
2. Recognize the role that deep brain stimulation plays in the management of movement disorders and who is an appropriate candidate.
3. Independently exam patients with movement disorders and recommend appropriate treatments and medication adjustments.
4. Understand the rationale for utilizing different medications for different stages of movement disorders through evaluation of the literature and clinical experience.

**Evaluation**

Required attendance
Active class participation
Completion of projects

There are weekly required readings as well as four required art projects.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AM</td>
</tr>
</tbody>
</table>

AM
Schedule Notes

Mon AM - Clinic
Mon PM - Botox
Tues AM and PM - DBS Surgery
Wed AM and PM - Clinic
Thurs AM - Clinic
Thurs PM - DBS Programming
Fri AM and PM - Clinic

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year

Prerequisites
Sleep Medicine - NorthShore
2017-2018 academic year
NURL 44102 | 100 units
Course Type: Elective - Clinical

Director:
  Dr. Thomas Freedom
Primary Instructor:
Contact:
  Dr. Susan Rubin 847-657-5875 srubin@northshore.org
Campus:
  Northshore
Location on first day:
  Evanston and Glenbrook Hospitals - Glenbrook Hospital Outpatient Subspecialty Suites
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  No
Visiting Students:
  No
Last reviewed:
  3/2/2017

Overview

The purpose of this rotation is to provide the trainee an introduction to Sleep Medicine. This will serve as a foundation for further study in this branch of medicine. Included will be learning the anatomy and physiology pertinent to sleep and wakefulness; pathophysiology of sleep disorders; principles of Sleep Medicine, including the important literature; and the clinical evaluation and treatment of common sleep disorders. The technical aspects and interpretation of diagnostic tests used in sleep medicine will also be studied.

Attending sleep clinics, sleep study interpretation, observation of sleep study performance, conferences, and reading form the core of this rotation. If desired, hands-on experience in applying sensors for sleep studies and fitting of positive airway pressure interfaces may be arranged with the approval of the Medical Director. Involvement in a brief project with the purpose of publication may be an option for those interested in pursuing further knowledge.

Goals of the four week rotation are provided as well as the suggested reference materials. These are intended
as guidelines and may be modified and expanded upon based on the interests and demonstrated abilities of the trainee with approval of your supervisor. This learning experience is designed for active participation and direct involvement. Degree of activity will be based on acquiring knowledge and skills, and as these progress, more responsibility may be undertaken. SOME OF THE EQUIPMENT IS DELICATE AND SUBJECT TO DAMAGE AT A HIGH EXPENSE, SO CARE IN USE OF THIS EQUIPMENT IS MANDATORY. If any uncertainty is present err on the side of prudence and ask an experienced technologist or one of the sleep physicians prior to use.

Textbooks and journals are available from the various sleep physicians and may be borrowed for self-study subject to the approval of the individual sleep physician. Pertinent materials are also included in the collections of major medical libraries.

Objectives

At the conclusion of this elective the student will be able to:

1. Explain the physiology of sleep and pathophysiology of sleep disorders
2. Identify specific sleep disorders based on history, exam and test findings and recommend treatment options.
3. Understand the components of a sleep study and be able to interpret the findings.
4. Discuss sleep related issues based on study of the sleep literature

Evaluation

Performance, skills, and knowledge will be evaluated objectively based on the standards of your institution. Observation of the clinical evaluation of a sleep patient, written history and physical, and management plan is a requirement. Although a detailed polysomnogram interpretation is beyond the level of training for most participants, description the fundamentals sleep study evaluation such as identification of sleep stages, arousals, recognition of abnormal respiratory events, cardiac arrhythmias, and leg movements will be tested.
Schedules Offered

This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
  July
  August
  September
  October
  November
  December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-4:00</td>
<td>-4:00</td>
<td>-4:00</td>
<td>-4:00</td>
<td>-4:00</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year

Prerequisites
Consent of the Department
Overview

This a full-time one (1) month course in which intensive experience in clinical neurology is provided. Emphasis is placed on performing complete neurological examinations, localizing lesions, planning diagnostic tests and formulating treatment plans. The student will function as a full member of the inpatient team and participate in treatment decisions and follow-up care. They are expected to present multiple cases to the ward team. There will be opportunity to review diagnostic tests in neurology (including EEG, EMG, evoked potentials, neuroimaging studies, CSF studies
Attendance at daily conferences including grand rounds, brain cutting, pediatric neurology and neurology research conferences is expected to bridge basic, and clinical aspects of neuroscience.

Objectives

To give students a working knowledge of the diagnosis and management of neurological disorders.

Evaluation


Schedules Offered

This course is offered on a Monthly Basis during the following months:

- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:
<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td></td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td></td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td>1:00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>-5:30</td>
<td>-5:30</td>
<td>-5:30</td>
<td>-5:30</td>
<td>-5:30</td>
<td>-5:30</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Call is q4.

**Course Eligibility and Prerequisites**

Max enrollment

1

Eligibility

- Fourth year
- Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

- Consent of Electives Coordinator
- Other: Completion of third year Clerkship
Research in Diseases of the Nervous System
2017-2018 academic year
NURL 45100 | VAR units
Course Type: Research / Reading

Director:
   Dr. Raymond Roos
Primary Instructor:
   Dr. Raymond Roos 2-5659 rroos@neurology.bsd.uchicago.edu
Contact:
   Marla Scofield 2-0151 mscofiel@neurology.bsd.uchicago.edu
Campus:
   UCMC
Location on first day:
   Arranged with Dr. Roos
Included in Lottery:
   No
Included in MedReg:
   No
Course can be dropped:
   No
Visiting Students:
   No
Last reviewed:
   3/22/2017

Overview

Students will be assigned a research project in neurology dealing with normal or abnormal functions if the nervous system, under the direct supervision of one of the neurology staff.

Objectives

Students will have the opportunity to participate and learn research techniques on various areas of neurology. A full listing of available research is available through the department.

Evaluation

Based on performance.

Schedules Offered
This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
  September
  October

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Minimum/Maximum number of students is subject to the discretion of the instructor.

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Prerequisites

Consent of Instructor
Neuro-ICU
2017-2018 academic year
NURL 48100 | 100 units
Course Type: Elective - Clinical

Director:
  Agnieszka Ardelt MD PhD
Primary Instructor:
  Agnieszka Ardelt, MD 2-6397 aardelt@neurology.bsd.uchicago.edu
Contact:
  Marla Scofield 2-0151 mscofiel@uchicago.edu
Campus:
  UCMC
Location on first day:
  University of Chicago Hospitals, D3 - Report to D3 ICU
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  No
Visiting Students:
  Yes
Last reviewed:
  3/22/2017

Overview

This is a 2 week or 4 week elective for 4th year students with interests in Neurology, Neurosurgery, and ICU. The student will serve as an important part of the NICU team in the work-up and management of acutely ill neurology patients. Students will be involved in the care of patients with acute strokes, intraparenchymal brain hemmorhages, subarachnoid hemmorhages, subdural and epidural hemmorhages. They will also be actively involved in patients with status epilepticus, myasthenic crisis, and other acute and severe neurological disorders. Time will be spent in both the NICU as well as
consulting in other ICUs. Students will become very comfortable with the examination of comatose patients, review of imaging studies, and begin to interpret neurophysiologic studies.

Objectives

Examination of comatose patients. Interpretation of brain CT and MRI as well as become familiar with MRA, MRV, CTA, and angiography. Understand the pathophysiology, work-up, and management of acute neurological disorders.

Evaluation


Schedules Offered

This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
  June
  July
  August
  September
  October
  November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time
Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-18:00</td>
<td>-18:00</td>
<td>-18:00</td>
<td>-18:00</td>
<td>-18:00</td>
<td>-18:00</td>
</tr>
</tbody>
</table>

Schedule Notes

This rotation is 6 days per week w/ 1 weekend day off.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
  Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Overview

This sub-internship experience will take place on the neurocritical care (NeuroICU service), where care is provided for 12-20 critically ill patients daily – including coverage for all acute stroke emergencies. Over the academic year, four faculty members, three neurocritical care fellows, and rotating residents from the neurology and neurosurgery residency programs will provide supervision and instruction.

The student participating in this sub-internship will begin the month-long experience assigned to a supervising resident and fellow team.
provides care for patients admitted to the NeuroICU, neurocritical care consultations in the other ICU’s, and coverage for acute stroke emergencies. The student will be assigned critically ill patients at the time of admission in the same fashion as would an intern and will be expected to complete all tasks related to the care of these patients. This may be with patients admitted to the NeuroICU service, patients who present to the Emergency Department, or consultations. These tasks include but are not limited to history taking, physical examination, interpretation of monitoring and test results, development of care plan, performing procedures with appropriate supervision, documentation of a plan of care, communication with other care providers, and communication with patients and surrogate decision-makers where appropriate. The student will cover at least three patients in the NeuroICU and be on 24-hour call one night per week during the rotation. This will usually be on a Saturday. During that “on-call” experience, the student will be involved with any ICU issues that arise (including new admissions) alongside the on-call neurology resident and neurosurgical resident – and supervised by the NeuroICU fellow and attending.

Seminars and learning activities will be based on the students’ patient care experiences coordinated with a syllabus outlining broad aspects of issues relevant to the care of neurocritical care patients (neurological and neurosurgical) and acute stroke. Attendance is expected for the entire month except for days off as scheduled.

Objectives
Gather and organize the large quantity of information typical of critically ill patients
Achieve fundamental knowledge and baseline competency for evaluating and treating common neurocritical care and acute scenarios including but not limited to:

NeuroICU specific topics:
- Cerebral edema/brain swelling
- Intracranial hypertension
- Intracerebral/Intraventricular hemorrhage
- Subarachnoid hemorrhage
- Subdural hematoma
- Cerebral contusions
- Acute ischemic stroke
- Hydrocephalus
- Meningitis/encephalitis
- Neuromuscular respiratory failure
- Guillain-Barre syndrome
- Myasthenic Crisis
- Hypoxic ischemic encephalopathy
- Metabolic encephalopathies

Critical Care specific topics
- Shock including hypovolemic, septic, and cardiogenic
- Support with vasoactive medications
- Respiratory failure including acute hypoxemic respiratory failure, status asthmaticus, and acute-on-chronic respiratory failure
- No-invasive ventilation
- Invasive mechanical ventilation
- Sedation and analgesia
- Acute kidney injury
- Advanced liver disease
- Common infectious diseases

Evaluation

The student will be evaluated using the Subinternship Student Assessment Form. The evaluation will be completed based on the following:
• Oral presentations
• Written documentation of care plan
• Observation of patient and family encounters
• Participation in small-group learning activities
• Performance as member of inter-professional team

Perform common neurocritical care procedures: These may be variable depending on the patients in the ICU.
• Actively participate in empathic and comprehensive end-of-life care
• Learn a comprehensive and inter-professional approach to complex critically ill patients
• Appreciate best practices to minimize risk of adverse events in vulnerable patients

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
  June
  July
  August
  September
  October
  November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td></td>
</tr>
</tbody>
</table>
Schedule Notes

Students will have on average one day off per week. The day off will not always fall on a weekend.

ONCE SCHEDULED, THIS COURSE CANNOT BE DROPPED UNLESS YOU OBTAIN THE SIGNATURE OF THE ATTENDING PHYSICIAN ON SERVICE.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

  Fourth year
  Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

  Consent of Electives Coordinator
  Other: Third Year Medical Clerkship
Obstetrics & Gynecology
Fourth Year Electives
2017-2018
Overview

The student will spend time on the Labor and Delivery and Antepartum floors, as well as the high risk obstetrics outpatient clinics and ultrasound unit. Students are expected to function alongside the resident on the service, and when the experience and proficiency warrants, the student will be given progressive responsibility in helping to manage the cases both routine and high risk. The diagnosis and management of high-risk obstetric patients will be practically discussed and evaluated, as well as techniques of fetal monitoring. This elective will primarily be under the guidance of the resident staff with additional faculty.
supervision. There is no overnight call or weekend time required for this rotation.

Objectives

At the conclusion of this rotation, the sub-intern will:
• Demonstrate proficiency in evaluating common high risk pregnancy complications including hypertension and diabetes.
• Understand maternal and fetal complications of pregnancy and participate in the inpatient and outpatient management of the same.
• Assist in operative and surgical deliveries of high risk patients.
• Basic understanding of ultrasound and prenatal diagnosis.
• Give a formal (10-15) presentation to the department during the weekly OB conference.

Evaluation

Participation in discussion and conferences, attendance at didactic sessions, ability to function in a fast-paced, team-oriented environment and proficiency of clinical skills. Please be advised that if more than three days of clinical time are missed for any reason including residency interviews, credits for this course will be adjusted accordingly.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor.

Visiting Students
The Department of Obstetrics and Gynecology welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency. Students who are accepted for a one month rotation are expected to be present for the entire month. Students who miss more than
three days of their rotation will have their earned credits reduced accordingly. For example, a student registered for a one month rotation who misses 5 of the 20 clinical days will be awarded 75 of the possible 100 credits. Missed days cannot be made up as call days. Please bear this in mind when accepting rotations during the months of October, November and December (interview months). Two week rotations are not available.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Sub-Internship in Maternal-Fetal Medicine - NorthShore
2017-2018 academic year
OBGY 36005 | 150 units
Course Type: Sub-Internship

Director:
  Dr. Scott MacGregor
Primary Instructor:
Contact:
  Jean Singer 847-570-2520 jsinger@northshore.org
Campus:
  Northshore
Location on first day:
  NorthShore Evanston Hospital - 2650 Ridge Avenue, Walgreen Bldg Suite 1507
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  No
Visiting Students:
  Yes
Last reviewed:
  3/8/2017

Overview

The MFM Sub-Internship at NorthShore is designed to provide the MS4 student with a broad inpatient experience in Maternal-Fetal Medicine. Complex patients with medical conditions (e.g. hypertension, diabetes, heart disease, kidney disease, seizure disorders), fetal concerns (e.g. multiple gestation, structural malformations, aneuploidy) and obstetric conditions (e.g. preeclampsia, preterm labor) are managed by a multidisciplinary team of caregivers of which the sub-intern will be a critical team member with primary responsibility for patient care.

Daily rounds will be made on all inpatients and
hands-offs leading to cross coverage will occur in association with the night float team (both while on call and in the AM when coming back on service). The course is intended to focus on management of an inpatient service.

Objectives

1) Evaluate high risk maternal and fetal conditions, including the acquisition of knowledge relevant to the underlying pathophysiology of the patient.

2) Perform basic fetal ultrasound evaluations on admitted pregnant patients.

3) Accept maternal transports from other hospitals, complete their initial evaluations and develop plans of management.

4) While on call, provide cross-coverage with the care team for admitted antepartum and postpartum women in addition to intrapartum (delivery) care for those antepartum patients assigned to the sub-intern that require delivery.

Evaluation

Formative assessment (80% of grade) will be provided each week by the primary attending physician on service. Each evaluation will aggregate the MFM fellow and resident feedback, as well as genetic counselors, perinatal family support center personnel (psychologists and LCSW) and inpatient nursing assessments as available.

Mid-rotation feedback and final evaluation will be provided by the course director. A summative evaluation using an established
rubric to assess the performance of a 45 minute patient-based perinatal presentation at the combined neonatal/maternalfetal/genetics/pathology meeting (final Thursday of each rotation) will represent 20% of the final grade.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
  July
  August
  September
  October
  November
  December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td></td>
<td>4:30</td>
<td>4:30</td>
<td>4:30</td>
<td>4:30</td>
<td>1:00</td>
</tr>
</tbody>
</table>

Schedule Notes

Course cannot be dropped

Call will be taken as part of the inpatient team.
The expectation is that night call will occur approximately every 5th night

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites
Sub-Internship In Gynecologic Oncology
2017-2018 academic year
OBGY 36600 | 150 units
Course Type: Sub-Internship

Director:
  Dr. S. Diane Yamada
Primary Instructor:
  Dr. Ernst Lengyel 4-2364 elengyel@babies.bsd.uchicago.edu
Contact:
  Sharon Binion (773) 702-6726 sbinion2@babies.bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  CLI - Room L287B
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  No
Visiting Students:
  Yes
Last reviewed:
  3/8/2017

Overview

Sub-intern rotation on Gynecology Oncology Service. The surgical and medical management of patients with gynecological malignancy will be emphasized. The student will function as a member of the gyn-oncology patient care team with responsibilities commensurate with that of an intern. Activities will include daily rounds, surgical and inpatient care of women with gynecologic malignancies including operative cases, outpatient care of said patients in the gyn-oncology faculty practice and attendance at daily rounds, conferences and tumor board. Average hours/day: 12-14. Weekend call: rounding one
day per weekend (2-6 hrs/day). There is no overnight call.

Objectives

At the completion of this sub-internship, students will:
• Demonstrate proficiency in surgical pelvic anatomy, incisions and closure of laparotomies with supervision, and basic identification of surgical instruments
• Demonstrate proficiency in managing post-operative patients with supervision, including managing post-operative pain, fluid and electrolyte balance, ambulation and return to PO post-operatively as well as recognition and management of basic post-operative complications including fever, UTI, ileus and wound issues
• Demonstrate a basic understanding of the disease process, diagnosis and staging of cancers of the uterus, cervix and ovaries
• Understand the principles underlying screening for gynecologic malignancies
• Function as a productive member of a surgical patient care team
• Give a formal (10-15 minute) presentation to the department during gynecology rounds

Evaluation

Participation in discussion and conferences, attendance at didactic sessions, ability to function in a fast-paced, team-oriented environment and proficiency of clinical skills.

Please be advised that if more than three days of clinical time are missed for any reason including residency interviews, credits for this course will be adjusted accordingly.
Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Visiting Students

The Department of Obstetrics and Gynecology welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations
cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency. Students who are accepted for a one month rotation are expected to be present for the entire month. Students who miss more than three days of their rotation will have their earned credits reduced accordingly. For example, a student registered for a one month rotation who misses 5 of the 20 clinical days will be awarded 75 of the possible 100 credits. Missed days cannot be made up as call days. Please bear this in mind when accepting rotations during the months of October, November and December (interview months). Two week rotations are not available.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Overview

This rotation emphasizes the practice of general obstetrics and gynecology at a large academic community hospital. In-patient obstetric care including triage, management, delivery and post-partum care of low-risk patients is provided for students desiring to concentrate on obstetrics. The approach to antenatal management of the high-risk obstetric patient, fetal diagnostic modalities - ultrasound, CVS, amniocentesis, genetic counseling - are also be covered.

For students who wish to concentrate on gynecology, the rotation can be tailored toward
general gynecology and sub-specialty surgical services. A full array of outpatient clinics is available, including endocrine and infertility, uro-gynecology, gynecologic oncology, colposcopy and outpatient continuity clinic.

Students are also assigned a mentor who will coordinate further inpatient and outpatient responsibilities. Students are invited to attend department Grand Rounds, M & M conferences, Gyn-oncology tumor board, uro-gyn rounds and combined neonatology/perinatology meetings on a weekly basis.

Objectives

Goals
- To broaden the student’s clinical experience in obstetrics and gynecology, including exposure to outpatient specialty procedures (e.g., antepartum fetal diagnostics, colposcopy, minor and outpatient surgical procedures).
- Include the student as an integral member in the patient-care team for inpatient care of low and high risk obstetric and gynecologic surgical patients.
- Increase the student’s ability in independent decision making and the clinical approach to inpatient care.
- Introduce the student to ambulatory outpatient ob-gyn care though the hospital service clinics as well as in the private office setting through the mentor program.

Objectives

Students will acquire the basic ability to:
- Perform a competent history and physical examination with emphasis on women’s health issues, including menstrual, reproductive,
- Develop a differential and diagnostic plan based on patient presentations and clinical findings.
- Develop an evidence-based treatment plan that is derived from diagnostic findings and published standards of care.
- Instruct and manage patients in contraceptive methods and alternatives.
- Manage the menopausal patient: counseling patients about cessation of menses, hormone replacement therapy, osteoporosis risk and prevention, sexual function and general screening guidelines for breast and pelvic malignancies, as well as heart disease.
- Assist and perform minor surgical procedures: e.g. endometrial biopsies, IUD insertion, amniocentesis, colposcopy, breast aspiration.
- Perform basic obstetric ultrasound examinations and interpret their findings. Understands principles of electronic fetal monitoring.
- Participate in the evaluation and management in high risk obstetrical patients. Recognize indications for active management vs. expectancy in patients with preterm labor, multiple gestation, preeclampsia, third trimester bleeding and medically complicated pregnancies.
- Participate more actively in gynecologic surgical procedures.
- Understand outpatient (office) gynecologic situations and become more familiar with the workings and dynamics of the private physician’s office.
- For students planning on a residency in obstetrics and gynecology this rotation will also serve as ‘boot camp’ to learn and hone basic skills in surgical and obstetric procedures.

Evaluation
Standard University of Chicago student evaluations will be completed by the residents and attending physicians on the month of the rotation. Students from other institutions may submit evaluations from those sites as well. In addition to the initial interview, the student will meet with Dr. Saleh at the mid-point and at the end of the rotation to insure that the objectives of their rotation are being met.

Students may be assigned a topic for presentation at the end of the rotation.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Student responsibilities during the rotation will be close to that of a first year resident. They are expected to work with the in-patient teaching service(s) they elect under the supervision of a senior resident, fellow or attending physician. The student’s goals and expectations will be discussed during an orientation interview with Dr Saleh on the first Monday of the rotation and their schedule will be devised to best accommodate their learning objectives. Students are also assigned a mentor who will coordinate further inpatient and outpatient responsibilities.

Attendance during the four weeks is five days a week. Clinical experience is gained through daily rounds, labor and delivery management, assisting in gynecologic surgery and attendance of scheduled didactic sessions. Lecture and conference schedules will be supplied to the student. The student is expected to attend all lectures pertaining to their respective services.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites
Advanced Research in Obstetrics and Gynecology
2017-2018 academic year
OBUGY 40100 | VAR units
Course Type: Research / Reading

Director:
Obstetrics and Gynecology Faculty
Primary Instructor:
Contact:
Sharon Binion (773) 702-6726 sbinion2@babiesbsd.uchicago.edu
Campus:
UCMC
Location on first day:
CLI - Room L-287B
Included in Lottery:
No
Included in MedReg:
No
Course can be dropped:
Yes
Visiting Students:
Yes
Last reviewed:
3/8/2017

Overview

This elective is designed for students who have an ongoing research relationship with a faculty member in the department of OB/GYN. Students conducting research with a faculty member may apply for credit using this course number. Objectives, time commitment and number of credits must be pre-approved with the sponsoring faculty member prior to registration.

Objectives
To be established and submitted at the time of registration.

Evaluation

Participation in discussions.

Schedules Offered

This course is offered on a Monthly Basis during the following months:

January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Specific approval of instructor.

Arranged with instructor. Final registration and
determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

The Department of Obstetrics and Gynecology welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency. Students who are accepted for a one month rotation are expected to be present for the entire month. Students who miss more than three days of their rotation will have their earned credits reduced accordingly. For example, a student registered for a one month rotation who misses 5 of the 20 clinical days will be awarded 75 of the possible 100 credits. Missed days cannot be made up as call days. Please bear this in mind when accepting rotations during the months of October, November and December (interview months). Two week rotations are not available.

Course Eligibility and Prerequisites

Max enrollment

1
Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Sub-internship in Urogynecology and Benign Gynecologic Surgery
2017-2018 academic year
OBYG 41700 | 150 units
Course Type: Sub-Internship

Director:
   Dr. Sandy Valaitis
Primary Instructor:
   Dr. Sandy Valaitis 4-8622 svalaitis@babies.bsd.uchicago.edu
Contact:
   Sharon Binion (773) 702-6726 sbinion2@babies.bsd.uchicago.edu
Campus:
   UCMC
Location on first day:
   University of Chicago CLI-Room L287B
Included in Lottery:
   Yes
Included in MedReg:
   Yes
Course can be dropped:
   No
Visiting Students:
   Yes
Last reviewed:
   3/8/2017

Overview

The student is invited to become an integral part of the urogynecology service and gain experience in the evaluation, operative and pre and post operative care of a urogyn patient. The student will make daily work rounds and teaching rounds with the staff and attend the outpatient clinic. He/she will assist in the operating room. A formal presentation will be made at one of the weekly OB/GYN Conferences. When the urogynecology faculty are offsite, the student will be integrated into the benign gynecology service, where they will
participate in rounds, surgical cases and management of consult, ER and floor patients with the team. While there is no overnight call requirement for this rotation, students will be expected to round one weekend day with the team.

Objectives

At the completion of this sub-internship, the student will:
• Understand the clinical presentation and management of the various types of urinary incontinence and pelvic organ prolapse
• Demonstrate proficiency in surgical pelvic anatomy, incisions and closures common to urogynecologic and benign gynecologic surgery with supervision
• Understand the indications for and basic interpretation of urodynamic testing
• Demonstrate proficiency in managing post-operative gynecologic patients including pain management, ambulation and return to PO post-operatively and the recognition and management of common post-operative complications including fever, urinary retention, UTI, ileus and wound issues.

Evaluation

1. Class participation
2. Monthly presentations
3. Attendance
4. Emory Global Health Case Competition (optional)

Please be advised that if more than three days of clinical time are missed for any reason including residency interviews, credits for this course will be adjusted accordingly.
Schedules Offered

This course is offered on a Monthly Basis during the following months:

- January
- February
- March
- April
- May
- August
- September
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>-</td>
<td></td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td>-</td>
<td></td>
<td>-</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor.

The student will be responsible for transportation.

Visiting Students

The Department of Obstetrics and Gynecology welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and
then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency. Students who are accepted for a one month rotation are expected to be present for the entire month. Students who miss more than three days of their rotation will have their earned credits reduced accordingly. For example, a student registered for a one month rotation who misses 5 of the 20 clinical days will be awarded 75 of the possible 100 credits. Missed days cannot be made up as call days. Please bear this in mind when accepting rotations during the months of October, November and December (interview months). Two week rotations are not available.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Family Planning and Contraceptive Research
2017-2018 academic year
OBYG 42000 | 100 units
Course Type: Elective - Clinical

Director:
  Sabrina Holmquist, MD, MPH
Primary Instructor:
  Dr. Sabrina Holmquist 4-5129 sholmqui@babies.bsd.uchicago.edu
Contact:
  Sharon Binion (773) 702-6726 sbinion2@babies.bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  CLI L-287B
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  Yes
Visiting Students:
  Yes
Last reviewed:
  3/8/2017

Overview

During this rotation students will participate in the outpatient and surgical management of women seeking contraception and abortion services. Students will participate in 3 half-day clinical sessions in the outpatient first and second trimester abortion clinics as well as the complex contraception clinic. They will also participate in family planning OR cases including abortion and sterilization. Students also have the opportunity to spend ½ day a week in a generalist gynecology practice as well as ½ day/wk with a pediatric gynecologist, and one full day working alongside a faculty member at Planned Parenthood. Students will
attend didactic sessions with the intern on service, as well as carry the family planning consult pager during the day. Required and optional readings covering a wide variety of domestic and international family planning topics rounds out the experience.

Objectives

At the completion of this rotation, students will:
• Perform transvaginal and transabdominal ultrasounds to confirm gestational age with supervision
• Demonstrate proficiency in providing pregnancy options counseling and informed consent for medical and surgical abortion
• Demonstrate proficiency in counseling women on their full range of contraceptive options
• Demonstrate proficiency in the following clinical skills:
  o Speculum exam
  o Bimanual exam: determining uterine size and position
  o Paracervical block
• Perform the following skills with supervision:
  o Dilation of the cervix
  o Evacuation of the uterus with an MVA
  o Evacuation of the uterus with an EVA
  o Placement of an IUD
  o Placement of osmotic dilators
• Understand the sociopolitical, economic, legal and policy implications of the current abortion debate in American politics, and how it affects patient care

Evaluation

Students will be evaluated on their participation in clinical and didactic sessions, completion of the required reading, clinical
skills as described above and ability to integrate productively into the busy clinical environment. Students will also deliver a 10-15 minute presentation on the family planning topic of their choice to the Section of Family Planning during the final week of their rotation.

Please be advised that if more than three days of clinical time are missed for any reason including residency interviews, credits for this course will be adjusted accordingly.

Schedules Offered

This course is offered on a Monthly Basis during the following months:

January
February
March
April
May
July
August
September
October
November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>AM</td>
<td></td>
<td>-12:00</td>
<td>-12:00</td>
<td>-12:00</td>
<td>12:00--</td>
<td>5:00</td>
</tr>
</tbody>
</table>

Schedule Notes
Student must give advanced notice if dropping the course.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Overview

This course is offered to Fourth year medical students and focuses on the fundamentals of clinical ophthalmology. Through observation, patient examination, and conferences in the outpatient department, students will participate in the diagnosis and management of patients.

Objectives

To provide students with a variety of opportunities to learn the fundamentals of ophthalmology. By the end of the elective, the
student should be able to perform ophthalmoscopy and recognize the more common eye diseases.

Evaluation

The student will be evaluated on their ability to do the following: ophthalmoscopy, knowledge of the diagnoses of glaucoma, cataract, diabetic retinopathy, and macular degeneration.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes
Course Eligibility and Prerequisites

Max enrollment

4

Eligibility

Fourth year
Third Year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Overview

This course is offered to freshmen, Second year, third year, and Fourth year medical students who are interested in the opportunity to participate in laboratory and clinical research studies.

Objectives

Provide students with a basic understanding of design and development of ophthalmology and visual science research. By the end of the elective, the study should be able to design simple eye research protocols.

Evaluation

The student will be evaluated on their ability to design simple research protocols.

Schedules Offered
This course is offered on a Monthly Basis during the following months:

January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form https://survey.cri.uchicago.edu/EFM/se.ashx? s=359EF85933091911

Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility
Fourth year

Prerequisites

Consent of Instructor
Orthopaedic Surgery and Rehabilitation Medicine Fourth Year Electives 2017-2018
Overview

The student will become an active member of one to seven orthopaedic services, and will share the responsibility for the pre and post-operative care of patients as well as assisting in surgery. The student will attend rounds, conferences, and inpatient clinic on the orthopaedic service as a functioning member of the orthopaedic team. This course is for Fourth year students who choose orthopaedics as a career.

Objectives
Intensive exposure to the subspecialties of orthopaedic surgery

**Evaluation**

Honors/High Pass/Pass/Fail
Evaluation is based on fund of knowledge and clinical experience. Near the end of the rotation students will give an oral presentation to the faculty on an orthopaedic topic of their choice.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

**Weekly schedule:**

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**
Attendance at morning conferences is required. There will be a call schedule. Daily responsibilities as well as clinic and OR schedules depend on the service to which the student is assigned.

PERMISSION IS REQUIRED FOR DROPPING OR REPLACEMENT OF COURSES.

There is a call schedule. Arranged with instructor. Please contact Annie Detrick to register.

Course Eligibility and Prerequisites

Max enrollment

6

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Curriculum Vitae
USMLE Step 1 Score
Visiting Students - USMLE Step 1 Exam passing score
Orthopaedics: Outpatient Clerkship
2017-2018 academic year
ORTH 34100 | 100 units
Course Type: Elective - Clinical

Director:
   Robert Bielski, MD
Primary Instructor:
   Robert Bielski, MD 773-834-2858 rbielski@bsd.uchicago.edu
Contact:
   Annie Detrick 773-834-2858 adetrick@bsd.uchicago.edu
Campus:
   UCMC
Location on first day:
   P211; Further instruction will be provided by Coordinator
Included in Lottery:
   Yes
Included in MedReg:
   No
Course can be dropped:
   Yes
Visiting Students:
   Yes
Last reviewed:
   1/25/2016

Overview

This course is offered for students desiring exposure and to gain knowledge of the broad spectrum of office orthopaedics which includes many entities commonly seen in practices other than an orthopaedic specialty practice. It is primarily intended for students who plan careers in specialties such as family medicine, internal medicine, pediatrics, neurology, and emergency medicine. The standard course meets full time Monday thru Friday.

Objectives
The student will have the opportunity to custom design their own curriculum from the great variety of subspecialty clinics available.

**Evaluation**

Honors/High Pass/Pass/Fail
Evaluation is based on attendance in clinic and at conferences as well as clinical performance.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

**Weekly schedule:**

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Attendance at morning conferences is required. Daily responsibilities and clinic schedules depend on the service(s) to which the student is assigned.

PERMISSION IS REQUIRED FOR DROPPING OR REPLACEMENT OF COURSES. Arranged with Instructor. Please contact Annie Detrick to register.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

   Fourth year
   Third Year
   Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

   Consent of Instructor
Physical Medicine and Rehabilitation
2017-2018 academic year
ORTH 34800 | 100 units
Course Type: Elective - Clinical

Director:
  Dr. Michelle Gittler
Primary Instructor:
  Dr. Michelle Gittler 773-552-2010 gitm@sinaio.org
Contact:
  Lety Fulgencio 773-522-5853 full@sinaio.org
Campus:
  UCMC
Location on first day:
  Schwab Rehabilitation
Included in Lottery:
  Yes
Included in MedReg:
  No
Course can be dropped:
  Yes
Visiting Students:
  No
Last reviewed:
  2/24/2017

Overview

A four week elective in physical medicine is offered at Schwab Rehabilitation Hospital. The 4th year student will participate and care for patients with various diagnoses causing disabilities including but not limited to brain injury, stroke, spinal cord injury, and amputations.

The 4th year student will understand the concept of an injury or illness causing impairments which lead to functional changes as well as specific medical sequellae. The student will demonstrate the ability to discuss secondary complications associated with various disabilities. The student will understand the complexity of negotiating the system of care for an individual with a disability.

Objectives

The 4th year student will understand the concept of an injury or illness causing impairments which lead to
functional changes as well as specific medical sequellae. The student will demonstrate the ability to discuss secondary complications associated with various disabilities. The student will understand the complexity of negotiating the system of care for an individual with a disability.

Evaluation

The student will perform and write-up patient admission history, physical examination, assessment and plan. The student will follow the patient and write daily progress notes. The student will participate in their patients' interdisciplinary team conferences. The patients' written documentation will be evaluated by the attending physician.

The student will also participate in specialty clinics.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
</tr>
<tr>
<td>PM</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>
Schedule Notes

PERMISSION IS REQUIRED UPON DROPPING OR REPLACEMENT OF COURSES.

Full-time. On the first day report to SRF, 4th floor residents office. Michelle Gittler, M.D., (773) 522-2010, x5227.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites
Overview

This reading course allows the 4th year student who is interested in the field of Physical Medicine and Rehabilitation to select topics from the literature to read and discuss with the instructor.

Objectives

The student will thoroughly review a topic of interest in PM&R which will include a literature review and clinical application of information.

Evaluation

The student will select 1-2 topics with the input of the instructor. The student will then review the literature for pertinent articles. The articles will be supplemented with textbook readings. The student will meet by
appointment with the instructor to discuss the topic. 50 credits per month - maximum 1 month.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
  June
  July
  August
  September
  October
  November
  December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Time arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment
Eligibility

Fourth year

Prerequisites

Consent of Instructor
Overview

This is a sub-internship in Physical Medicine & Rehabilitation on the inpatient units at Schwab Rehabilitation Hospital. Students will work directly with Schwab Physical Medicine & Rehabilitation attending physicians and residents.

Objectives

To assume the role of a junior resident under the guidance of a Physical Medicine & Rehabilitation resident and attending physician. To experience and learn the knowledge and skills of inpatient rehabilitation medicine.

Evaluation

Ongoing clinical evaluation with a summary evaluation to the end of the month.
Schedules Offered

This course is offered on a Monthly Basis during the following months:
   January
   February
   March
   April
   May
   July
   August
   September
   October
   November
   December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
</tr>
<tr>
<td>PM</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes

This course is a full-time inpatient experience resembling that of an inpatient rehabilitation resident. Rotations begin on the first day and end of the last day of the month.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility
Fourth year

Prerequisites

Consent of Instructor
Outpatient: Pediatric Orthopaedics
2017-2018 academic year
ORTH 36100 | 50 units
Course Type: Elective - Clinical

Director:
  Robert Bielski, MD
Primary Instructor:
  Robert Bielski, MD 773-834-2858 adetrick@bsd.uchicago.edu
  Christopher Sullivan, MD, MPH 773-834-2858 csulliva@bsd.uchicago.edu
Contact:
  Annie Detrick 773-834-2858 adetrick@bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  P211; Further instruction will be provided by Coordinator
Included in Lottery:
  Yes
Included in MedReg:
  No
Course can be dropped:
  Yes
Visiting Students:
  Yes
Last reviewed:
  2/24/2017

Overview

This course is designed for students desiring fundamental knowledge of the broad spectrum of pediatric orthopaedics. It is primarily intended for students who plan careers in non-operative specialties such as family medicine, pediatrics, and emergency medicine, but may also be helpful in students pursuing a career in radiology or neurology. The student will gain exposure to a wide variety of common pediatric orthopaedic conditions that are seen in the office and treated non-operatively, such as in-toeing, flat feet, bow legs, scoliosis, and hip dysplasia, among others. Students will
also have exposure to patients with neuromuscular problems like cerebral palsy. Students can be involved in the operating room as they desire, but it is not a requisite of the course.

Objectives

Gain Knowledge in diagnosis and treatment of pediatric orthopaedic problems

Become comfortable evaluating common pediatric orthopaedic problems

Become more comfortable reading x-rays of common injuries, scoliosis, and hip dysplasia

Evaluation

Honors/High Pass/Pass/Fail
Evaluation is based on attendance in clinic and at conferences as well as clinical performance. At the end of the rotation students will give a brief 15 minute oral presentation on a pediatric orthopaedic topic of their choice.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
  June
  July
  August
  September
  October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>6:15 -</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6:15 -</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Attendance at morning conferences is required. Daily responsibilities depend on instructor’s schedule.

PERMISSION IS REQUIRED FOR DROPPING OR REPLACEMENT OF COURSES.

Arranged with Instructor. Please contact Annie Detrick to register.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)
Prerequisites

Consent of Instructor
Introduction to Musculoskeletal Medicine
2017-2018 academic year
ORTH 37001 | 50 or 100 units
Course Type: Elective - Clinical

Director:
Nasim Rana, MD
Primary Instructor:
Nasim Rana, MD 312-307-3662 nrana@northshore.org
Contact:
Leslie McClellan 834-570-3944 Lmcclellan@northshore.org
Campus:
Northshore
Location on first day:
Skokie Hospital, ACC Suite 2900
Included in Lottery:
Yes
Included in MedReg:
Yes
Course can be dropped:
No
Visiting Students:
Yes
Last reviewed:
3/10/2017

Overview

The elective is based primarily at the Skokie Hospital Ambulatory Care Center and provides non-orthopaedic students exposure to general orthopaedics. Focus is on broad exposure including didactic sessions on specific topics, and opportunities for hands-on fracture repair and sports medicine labs. Students may attend weekly orthopaedic conferences, ortho lectures and ortho motor skills labs with prior approval from the Course Director.

Objectives
The medical student will learn to understand, diagnose and treat common orthopaedic conditions as they present in the outpatient setting. They will learn to use diagnostic testing and image modalities. Students will also learn when to refer patients to different speciality areas such as trauma, pediatrics, sports, foot & ankle and arthritis card.

Evaluation

Students will show competency skills in evaluating and examining patients and providing patient education, in a formal presentation for an orthopaedic conference.

Schedules Offered

This course is offered on a Monthly Basis during the following months:

- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Schedule Notes

In addition to daily clinic participation, students will have the opportunity to attend Monday 7a Sports motor skills lab, Wednesday 7:15am Ortho Grand Rounds and Friday 7am lectures or Friday 6:30am trauma motor skills labs.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites
Rehabilitation Medicine Clinical Service - NorthShore
2017-2018 academic year
ORTH 59701 | 100 units
Course Type: Elective - Clinical

Director:
   Dr. Joseph T. Alleva
Primary Instructor:
   Dr. Joseph T. Alleva jalleva@northshore.org
Contact:
   Adrian Lopez alopez@northshore.org
Campus:
   Northshore
Location on first day:
   Evanston Hospital Physical Medicine and Rehabilitation Office
Included in Lottery:
   Yes
Included in MedReg:
   Yes
Course can be dropped:
   No
Visiting Students:
   No
Last reviewed:
   2/24/2017

Overview

The experience emphasizes evaluation and treatment of physically disabled individuals in an inpatient and outpatient setting.

Goals

Enhance ability to provide medical and rehabilitative care for disabled patients in a multidisciplinary team approach.

Provide experience in writing appropriate therapy prescriptions and determining long an short-term rehabilitative goals.

Format

The student will have responsibility for the initial patient evaluation and will participate in patient management. The student will attend patient staffings and observe patients in therapy. The student will have an opportunity to observe electrodiagnostic procedures (50 percent inpatient, 50 percent outpatient).
Objectives

1. Demonstrate an understanding of the scope of integrative medicine and the role that IM physicians play in the context of the larger healthcare system.

2. Appreciate the differences in the way in which integrative physicians care for adults, children, and pregnant women compared with current conventional practice.

3. Develop competency in caring for patients beyond the biomedical approach, encompassing the mind, body and spirit.

4. Develop advancing clinical skills in independently assessing and treating patients from a broad spectrum of ages, both genders, and with healthcare concerns involving preventive care, acute care, and chronic disease management with an integrative medical approach.

5. Attain tools for counseling and motivating patients from an integrative medical perspective. Satisfactorily complete the online curriculum modules.

6. Complete a patient handout on a mutually agreed upon topic.

Evaluation

Schedules Offered

This course is offered on a Monthly Basis during the following months:
   January
   February
   March
   April
   May
   June
   July
   August
   September
   October
   November
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year

Prerequisites
Pathology
Fourth Year
Electives

2017-2018
The Post-Mortem Examination
2017-2018 academic year
PATH 30400 | 75 units
Course Type: Elective - Non-clinical

Director:
   Dr. Jeffrey Mueller
Primary Instructor:
Contact:
   Jeffrey Mueller MD (773) 702-7236 jeffreym@uchicago.edu
Campus:
   UCMC
Location on first day:
   By arrangement with Dr. Mueller / pager # 5452 or Chief Residents
Included in Lottery:
   No
Included in MedReg:
   Yes
Course can be dropped:
   No
Visiting Students:
   No
Last reviewed:
   3/3/2017

Overview

Course to consist of learning experiences in autopsy pathology. The students will attend the weekly gross autopsy conference, follow an autopsy through to completion, attend teaching seminars in forensic pathology and in problem based learning in autopsy pathology.

Objectives

Student will be expected to participate in autopsy dissection, gross organ description and microscopic examination of tissues. They will learn about the consent for autopsies. Overall objective is to understand the value of the autopsy in medical education.

Evaluation
Student will be evaluated on their ability to write-up and synthesize information from personally being involved in autopsies. Students can earn 75 credits for 30 hours of autopsy dissection and 45 hours of examining slides.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- April
- May
- August
- September
- October
- November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

the new instructor is Jeffrey Mueller

Course Eligibility and Prerequisites

Max enrollment

3

Eligibility

Fourth year
Prerequisites

Consent of Instructor
Current Projects in Surgical Pathology
2017-2018 academic year
PATH 35600 | 50 units
Course Type: Elective - Non-clinical

Director:
  Drs. Aliya N. Husain & Husain Sattar
Primary Instructor:
  Sattar, Husain 0 husain.sattar@uchospitals.edu
Contact:
  Linda Willis (773) 834-2555 lwillis@bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  By arrangement with Dr. Sattar 773.702-7278 / pager #2896 or Chief Residents
Included in Lottery:
  No
Included in MedReg:
  Yes
Course can be dropped:
  Yes
Visiting Students:
  No
Last reviewed:
  3/22/2017

Overview

Working on a project or projects with a surgical pathology faculty member (s) and sitting in on conferences and sign out as wished for by student.

Objectives

To work on and/or succeed in dealing with a project under the direction or supervision of a surgical pathology faculty member and see something of what surgical pathology laboratories do.

Evaluation

The attending surgical pathology faculty member evaluates the students performance.
Students can earn 50 units: 20 contact hours - 30 supplementary study hours
Students can earn 100 units: 40 contact hours - 60 supplementary study hours

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- April
- May
- August
- September
- October
- November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Maximum one Quarter and Minimum 2 Months.
- July - August
- October - November
- January - February
- April - May

Course Eligibility and Prerequisites

Max enrollment

3

Eligibility
Fourth year

Prerequisites

Consent of Instructor
Rotation in Surgical Pathology
2017-2018 academic year
PATH 35700 | 100 units
Course Type: Elective - Non-clinical

Director:
  Drs. Aliya Husain & Husain Sattar
Primary Instructor:
  Dr. Husain Sattar husain.sattar@uchospitals.edu
Contact:
  Linda Willis (773) 834-2555 lwillis@bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  Arranged with Dr. Sattar 773.702-7278 / pager #2896 or Chief Residents
Included in Lottery:
  Yes
Included in MedReg:
  Yes
Course can be dropped:
  No
Visiting Students:
  Yes
Last reviewed:
  3/2/2017

Overview

Working up surgical pathology specimens, sitting in on sign out, under direction of pathology resident and attending many surgical pathology and specialty conferences and helping to teach gross surgical pathology to JR. SWG. Clerks.

Objectives

To obtain a good sense about how surgical pathology operates, how it helps clinicals take
better care of their patients and to understand what pathology residents do.

Evaluation

Grade and comments are generated from a consensus of SWG. Pathology residents and attending on service during elective month. Attendance and participation in the laboratories are important. Students earn 100 credits; 40 hours contact/laboratory hours & 60 hours supplementary study.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  January
  February
  April
  May
  August
  September
  October
  November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes
Course Eligibility and Prerequisites

Max enrollment

3

Eligibility

Fourth year
  Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

  Consent of Instructor
Overview

Working up clinical pathology specimens, rotating through various clinical laboratories (blood bank/transfusion medicine, clinical microbiology, clinical chemistry and hematology).

Objectives

To get a good sense about how clinical pathology operates, how it helps physicians take better care of their patients and to understand what pathology residents do.
Evaluation

A grade and comments are generated from a consensus of the faculty. Pathology residents and attending on service during elective month. Attendance and participation in the laboratories are important. A 20-minute presentation to the pathology department is required which will be included in the grade (Fail, Pass, High Pass or Honors).

Students earn 50-100 units; 40 hours contact/laboratory hours & 60 hours supplementary study.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
   January
   February
   April
   May
   August
   September
   October
   November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Course Eligibility and Prerequisites

Max enrollment
2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Overview

Pathologists perform gross and microscopic examination of human tissues and autopsies. They are responsible for clinical laboratory oversight, including test accuracy, development and validation of new tests, and interpretation of the results of clinical pathology tests. Collectively, this information is critical to the accurate diagnosis and management of disease. The pathologist and the patient's other doctors consult on which tests to order, the significance of test results, and appropriate treatments. As such, an understanding of the practice of pathology allows all physicians to provide better care for their patients.
Student will participate in the gross and microscopic examination of surgical pathology specimens and in autopsies under close supervision by residents and attending physicians. Students will also rotate through various clinical pathology laboratories, such as microbiology, hematology, chemistry, etc. Participation in departmental and intra-departmental conferences is required. Each student will give an oral presentation on a topic in pathology at the end of the rotation.

Objectives

Goals: Increase the understanding of the pathogenesis of disease, emphasizing how alterations at the molecular level translate into alterations at the level of the cell, tissues, and patient; increase the understanding of critical issues in sample collection and handling, test selection, and interpretation of results. Clinical-pathologic correlations are stressed.

Objectives: Students will acquire the basic ability to:
- Understand the general handling and processing of surgical specimens and biopsies
- Appreciate appropriate clinical test selection, sample collection, and communication with the clinical laboratories
- Identify common gross and microscopic pathologic lesions
- Discuss the pathogenesis and clinical significance of common pathologic entities.

Evaluation

Standard student evaluations will be completed by supervising faculty or residents.
Schedules Offered

This course is offered on a Monthly Basis during the following months:
  - August
  - September
  - October
  - November
  - December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

  - Fourth year
  - Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites
Consent of Instructor
Advanced Gynecological Pathology
2017-2018 academic year
PATH 35800 | 50 units
Course Type: Elective - Non-clinical

Director:
   Dr. Aliya Husain
Primary Instructor:
   Montag, Anthony 2-9318 anthony.montag@uchospitals.edu
Contact:
   Linda Willis (773) 834-2555 lwillis@bsd.uchicago.edu
Campus:
   UCMC
Location on first day:
   By arrangement with Dr. Montag (773) 702-6327
Included in Lottery:
   No
Included in MedReg:
   Yes
Course can be dropped:
   No
Visiting Students:
   No
Last reviewed:
   3/3/2017

Overview

A tutorial course on Pathology of the female reproductive tract with emphasis on neoplastic and pre-neoplastic conditions. Appropriate for students with an interest in OB/GYN or Pathology.

Objectives

To obtain a deeper knowledge and understanding of gynecologic pathology.

Evaluation

Based on attendance and participation.
Students earn 50 credits: 20 contact hours-30 supplementary study hours.
Students earn 100 credits: 40 contact hours-60 supplementary study hours.
Schedules Offered

This course is offered on a Monthly Basis during the following months:
  - January
  - February
  - April
  - May
  - August
  - September
  - October
  - November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>AM</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Tutorials in Neuropathology
2017-2018 academic year
PATH 37800 | 100 units
Course Type: Elective - Non-clinical

Director:
   Dr. Peter Pytel
Primary Instructor:
   Dr. Peter Pytel 5-6751 peter.pytel@uchospitals.edu
Contact:
   Linda Willis (773) 834-2555 lwillis@bsd.uchicago.edu
Campus:
   UCMC
Location on first day:
   Arranged with Dr. Pytel / pager # 9502 or Chief Residents
Included in Lottery:
   Yes
Included in MedReg:
   Yes
Course can be dropped:
   No
Visiting Students:
   Yes
Last reviewed:
   3/3/2017

Overview

This course is intended for those who are interested in careers in neurology, neurosurgery, or neuropathology. The entire spectrum of disease affecting CNS, PNS, skeletal muscle is covered in a daily seminar format lasting 8-10 weeks. Students are assigned slides from cases for group review on a daily basis. Includes attendance at weekly autopsy brain cutting session.

Objectives
Provide comprehensive understanding of the pathologic basis of disease of the nervous system.

Evaluation

Participation in seminar discussions.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
   April
   October

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

The new instructor is Peter Pytel RH 3/3/17

THIS IS AN 8 WEEK COURSE - Course will only be offered in two month increments: April and May, October and November. You will be registered in the first month of the group.

There are no preset class times as they are arranged with instructor. Specific meeting time negotiated with instructor.
Course Eligibility and Prerequisites

Max enrollment

15

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Research: Pathology
2017-2018 academic year
PATH 40100 | VAR units
Course Type: Research / Reading

Director:
Pathology Faculty / Chief Residents
Primary Instructor:
Contact:
Linda Willis (773) 834-2555 lwillis@bsd.uchicago.edu
Campus:
UCMC
Location on first day:
TBA
Included in Lottery:
No
Included in MedReg:
No
Course can be dropped:
No
Visiting Students:
No
Last reviewed:
2/8/2016

Overview

This course provides an opportunity for one-one-one study or research with a faculty mentor from the Department of Pathology.

Contact the faculty member with whom you will work.

Objectives

The objectives will vary depending on the activity agreed upon by the student and the faculty mentor, and will be developed by the individuals involved.

Evaluation

Schedules Offered
This course is offered on a Quarterly Basis during the following quarters:
- Fall Quarter
- Winter Quarter
- Spring Quarter
- Summer Quarter

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Credits will vary depending upon the activities chosen by the student and approved by the instructor. Students must notify the department of Pathology’s Coordinator of the name of the faculty member with whom he/she arranges to work. (Linda Willis)

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form. [Link](https://bsdsurvey.bsd.uchicago.edu/Perseus/se.ashx?s=336931D9559C9E2E)

Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Prerequisites

Consent of the Department
Pediatrics
Fourth Year
Electives

2017-2018
Pediatric Emergency Medicine
2017-2018 academic year
PEDS 30400 | 50 units
Course Type: Elective - Clinical

Director:
  Dr. S. Margaret Paik
Primary Instructor:
  Dr. S. Margaret Paik 2-2384 mpaik@peds.bsd.uchicago.edu
Contact:
  Sarah Stidham - Med Ed/Res Coordinator 773.702.6435
  sstitdam@peds.bsd.uchicago.edu
Campus:
  UCMC
Location on first day:
  Pediatric Department Orientation in Comer K155. Distribution to clinical rotation to follow.
Included in Lottery:
  No
Included in MedReg:
  Yes
Course can be dropped:
  Yes
Visiting Students:
  Yes
Last reviewed:
  3/6/2017

Overview

Supervision by attendings and residents (Pediatrics and Emergency Medicine) in the Comer Emergency Department.

---

The Pediatrics Department welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for
Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency.

Objectives

- To gain increased expertise in the rapid assessment and treatment of acute medical and surgical problems in children
- To expand the knowledge base in the field of Pediatric Emergency Medicine
- To develop the ability to manage multiple, acutely ill patients simultaneously

Evaluation

Each student is expected to attend the Pritzker Orientation (as applicable) as well as the Department of Pediatrics Orientation on their first day of service. In addition, each student will be required to meet with the Associate Clerkship Director halfway through their Sub-I/Elective experience - the student will be responsible for setting up and attending this meeting.

Near the end of the Sub-I/Elective experience, each student will be required to complete evaluations (i.e. on rotation, resident, faculty, etc.). Student evaluations will be distributed at the end of each experience to appropriate faculty and will be released upon completion.

Pediatric Emergency Medicine attending and residents with whom the student works will
utilize the standard University evaluation form from the students school. These will be combined into a single evaluation by the Course Director.

Schedules Offered

This course is offered on a Monthly Basis during the following months:

- January
- February
- March
- April
- May
- August
- September
- October
- November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

The number of weeks this class is taken can be determined by the student. Minimum is two weeks and maximum is one month. Forty (40) hours per week (1/2 days & 1/2 evenings/nights). The number of credits will be determined on the number of weeks elected. Students will receive 25 credits per week up to a maximum of 4 weeks for a total of 100 credits. THIS COURSE IS NOT OFFERED
THE LAST WEEK IN DECEMBER, FIRST WEEK IN JANUARY, or the ENTIRE MONTHS OF JUNE AND JULY. Rotating shifts 7 days per week. Schedule must be approved by Dr. Paik prior to the start of the elective.

If you intend on dropping this course, please notify Sarah Stidham (sstidham@peds.bsd.uchicago.edu).

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Consent of Instructor
Consent of the Department
**Pediatric Infectious Diseases**  
2017-2018 academic year  
PEDS 30600 | 100 units  
**Course Type:** Elective - Clinical

**Director:**  
Dr. Allison Bartlett

**Primary Instructor:**  
Dr. Allison Bartlett  abartlett@peds.bsd.uchicago.edu

**Contact:**  
Sarah Stidham - Med Ed/Res Coordinator  773.702.6435 sstidham@peds.bsd.uchicago.edu

**Campus:**  
UCMC

**Location on first day:**  
Pediatric Departmental Orientation in Comer K155. Clinical location orientation to follow.

**Included in Lottery:**  
Yes

**Included in MedReg:**  
Yes

**Course can be dropped:**  
No

**Visiting Students:**  
Yes

**Last reviewed:**  
3/6/2017

**Overview**

Student will be assigned to the Pediatric Infectious Disease consultation and teaching service as an integral member of the team. Under the supervision of the Pediatric Infectious Disease Fellow and/or Attending Physician the student will obtain a history, perform an exam, gather appropriate laboratory data, develop an assessment which includes a differential diagnosis and help to develop a plan of care to be recommended to the patient's primary team. Rounds with the Attending will include discussions of the evaluation, therapy of the infectious process and interpretation of laboratory results from the Clinical Microbiology Laboratory. In addition, the student will participate in weekly conferences with the Pediatric and Adult infectious diseases staff. The student will be invited to participate in the Pediatric Infectious Diseases Outpatient Clinic. The goal of the rotation is to become familiar with the pathophysiology and treatment of pediatric patient's with infectious diseases.

---

The Pediatrics Department welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency.

**Objectives**

Gain increasing expertise in the differential diagnosis of patient's with complicated infectious diseases. Appreciate the appropriate and inappropriate uses of antimicrobials. Gain experience in the evaluation and treatment of common pediatric infections requiring hospitalization. Gain familiarity with commonly used Microbiology Laboratory studies. Become comfortable with collaborating with an interprofessional team. Develop an area of interest and present a 15-40 minute presentation on this topic. Become familiar with out-patient specialty Pediatric Infectious Disease Problems with emphasis on HIV/AIDS. Exposure to the intellectual process and methodology used for medical problem solving.

**Evaluation**
Each student is expected to attend the Pritzker Orientation (as applicable) as well as the Department of Pediatrics Orientation on their first day of service. In addition, each student will be required to meet with the Associate Clerkship Director halfway through their Sub-I/Elective experience - the student will be responsible for setting up and attending this meeting.

Near the end of the Sub-I/Elective experience, each student will be required to complete evaluations (i.e. on rotation, resident, faculty, etc.). Student evaluations will be distributed at the end of each experience to appropriate faculty and will be released upon completion.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

**Weekly schedule:**

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td>-</td>
<td>8:00-</td>
<td>8:00-</td>
<td>8:00-</td>
<td>8:00-</td>
<td>8:00-</td>
<td>-</td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td>-</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

All changes/drop requests must be received at least 2 weeks prior to rotation start date and gain faculty and departmental approval prior to schedule change.

If you intend on dropping this course, please notify Sarah Stidham (sstidham@peds.bsd.uchicago.edu).

**Course Eligibility and Prerequisites**

**Max enrollment**

1

**Eligibility**

- Fourth year
- Visiting Student (from LCME Accredited Medical Schools Only)

**Prerequisites**

- Consent of Electives Coordinator
- Consent of the Department
Pediatric Critical Care Medicine Sub-Internship
2017-2018 academic year
PEDS 30700 | 150 units
Course Type: Sub-Internship

Director:
Dr. Grace Chong
Primary Instructor:
Dr. Grace Chong 773-702-3020 Grace.Chong@uchospitals.edu
Contact:
Sarah Stidham - Med Ed/Res Coordinator 773.702.6435 ssstidham@peds.bsd.uchicago.edu
Campus: UCMC
Location on first day:
Pediatric Department Orientation in Comer K155. Distribution to clinical rotation to follow.
Included in Lottery:
Yes
Included in MedReg:
Yes
Course can be dropped:
No
Visiting Students:
No
Last reviewed:
3/6/2017

Overview

This course is directed to fourth year medical students who wish to acquire an understanding of critically ill and injured children. The student will be assigned the primary care of patients in the PICU in association with a third-year pediatric resident. The student is expected to see their patients before daily attending rounds, present those patients on rounds, and participate in the determination of the care plan. In addition, the student will be expected to participate in weekly teaching conferences along with the housestaff. Although the responsibilities of the students will be similar to those of the housestaff, their patient load will be reduced. The student will be provided with a PICU manual that is required reading.

---

The Pediatrics Department welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency.

Objectives

Recognize the special needs of the critically ill child and learn to prioritize those needs. Understand the basic physiology of the hypoxic and hypercarbic respiratory failure. Describe the means of providing respiratory support for a child with respiratory failure. Describe the hemodynamics of the four shock states. Solve acid/base problems. Determine appropriate fluid management of critically ill children. Describe difficulties of the postoperative pediatric patient in a variety of settings: cardiac, trauma, orthopaedics, ENT. Provide adequate sedation and analgesia to ill children. Communicate, often difficult, information to families concerning the illness and prognosis of their ill child.

Evaluation

Each student is expected to attend the Pritzker Orientation (as applicable) as well as the Department of Pediatrics Orientation on their first day of service. In addition, each visiting student will be required to meet with the Associate Clerkship Director halfway through their Sub-I/Elective experience - the student will be responsible for setting up and attending this meeting.
Near the end of the Sub-I/Elective experience, each student will be required to complete evaluations (i.e. on rotation, resident, faculty, etc.). Student evaluations will be distributed at the end of each experience to appropriate faculty and will be released upon completion.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

**Weekly schedule:**

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td>7:30</td>
<td>7:30</td>
<td>7:30</td>
<td>7:30</td>
<td>7:30</td>
<td>7:30</td>
<td>7:30</td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Full-time, 7:30am - 5:00pm daily plus call every 4th night.

Two weeks notice is required for any drops. If you intend on dropping this course, please notify Sarah Stidham (sstidham@peds.bsd.uchicago.edu).

**Course Eligibility and Prerequisites**

**Max enrollment**

2

**Eligibility**

Fourth year

**Prerequisites**

- Consent of Electives Coordinator
- Consent of Instructor
- Consent of the Department
Pediatric Critical Care Elective
2017-2018 academic year
PEDS 30750 | 50 units
Course Type: Elective - Clinical

Director:
Dr. Grace Chong

Primary Instructor:
Dr. Grace Chong 773-702-3020 Grace.Chong@uchospitals.edu

Contact:
Sarah Stidham - Med Ed/Res Coordinator 773.702.6435 sstidham@peds.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Pediatric Department Orientation in Comer K155. Distribution to clinical rotation to follow.

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
Yes

Visiting Students:
No

Last reviewed:
3/6/2017

Overview

The Pediatric ICU cares for children with critical illness, defined as organ system insufficiency or failure. This course is directed to fourth year medical students who wish to participate in clinical care in this setting. Students will follow 1-2 patients at a time in the PICU in association with a third-year pediatric resident, and will participate in teaching and work rounds with our multidisciplinary team. The student is expected to see their patients before daily rounds, present those patients on rounds, and participate in the determination of the care plan. In addition, the student will be expected to participate in weekly teaching conferences along with the housestaff. The student will be provided landmark articles related to the care of critically ill children, to be reviewed with faculty. Students will also have exposure to bedside ultrasound use in the PICU, invasive and non-invasive monitoring, ventilator manipulation, and ethics in the PICU.

---

The Pediatrics Department welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency.

Objectives

Recognize the special needs of the critically ill child and learn to prioritize those needs. Understand the basic physiology of the hypoxic and hypercarbic respiratory failure. Describe the means of providing respiratory support for a child with respiratory failure. Describe the hemodynamics of shock. Determine appropriate fluid management of critically ill children. Describe difficulties of the postoperative pediatric patient in a variety of settings: cardiac, trauma, orthopaedics, ENT. Communicate often difficult information to families concerning the illness and prognosis of their ill child.

Evaluation
Students will be evaluated based on enthusiasm for participation and understanding of their patients' physiology as evidenced by presentations on rounds and written documentation. Students' ownership of patient care issues, initiative in bringing relevant literature to the team, and function as part of the team are also important.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:
- December

This course is offered on a Bi-weekly (two week) Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>6:30</td>
<td>6:30</td>
<td>6:30</td>
<td>6:30</td>
<td>6:30</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-4:30</td>
<td>-4:30</td>
<td>-4:30</td>
<td>-4:30</td>
<td>-4:30</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Only two (2) MS4 students may be in the Pediatric ICU at any time. Priority will be given to student completing the month-long sub-internship experience, with remaining available spots being offered to students interested in this 2-week Elective experience.

Saturday and Sunday times may be arranged

Two weeks notice is required for any drops. If you intend on dropping this course, please notify Sarah Stidham (sstidham@peds.bsd.uchicago.edu).

**Course Eligibility and Prerequisites**

**Max enrollment**

2

**Eligibility**

Fourth year

**Prerequisites**

Consent of Instructor
Pediatric Gastroenterology/Hepatology
2017-2018 academic year
PEDS 30800 | 100 units
Course Type: Elective - Clinical

Director:
Dr. Ranjana Gokhale

Primary Instructor:
Dr. Hilary Jericho 773-702-6418 hjericho@peds.bsd.uchicago.edu
Dr. Ruba Azzam 773-702-6418 razzam@peds.bsd.uchicago.edu
Dr. Ranjana Gokhale 773-702-6418 rgokhale@peds.bsd.uchicago.edu
Dr. Stefano Guandalini 5-4535 sguandalini@peds.bsd.uchicago.edu
Dr. Tiffany Patton 2.6418 tpatton@peds.bsd.uchicago.edu
Dr. Timothy Sentongo 2-6418 tsentong@peds.bsd.uchicago.edu

Contact:
Sarah Stidham - Med Ed/Res Coordinator 773.702.6435 sstidham@peds.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Pediatric Department Orientation in Comer K155. Distribution to clinical rotation to follow.

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview

The students will be exposed to a variety of gastrointestinal, nutritional and liver disorders in children seen both as outpatients and inpatients. They will participate in daily rounds with attending and house staff. The inpatient census ranges from 5-9. The outpatient component includes five half-day gastroenterology and liver clinics. (Mondays, Wednesdays and all day Thursdays and Fridays), where a variety of patients with gastrointestinal and liver disorders are evaluated and managed. Exposure to patients, teaching on in-patients and out-patients and required readings will provide an in depth understanding of the pathophysiology and management of GI and liver diseases in pediatrics. Interested students can also observe procedures and familiarize themselves with the techniques of GI procedures.

---

The Pediatrics Department welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency.

Objectives

To provide the students with sound clinical and pathophysiological basis of the most commonly encountered problems in pediatric gastrointestinal, nutritional and liver disorders.

Evaluation
Each student is expected to attend the Pritzker Orientation (as applicable) as well as the Department of Pediatrics Orientation on their first day of service. In addition, each student will be required to meet with the Associate Clerkship Director halfway through their Sub-I/Elective experience - the student will be responsible for setting up and attending this meeting.

Near the end of the Sub-I/Elective experience, each student will be required to complete evaluations (i.e. on rotation, resident, faculty, etc.). Student evaluations will be distributed at the end of each experience to appropriate faculty and will be released upon completion.

Schedules Offered

This course is offered on a Monthly Basis during the following months:

January
February
March
April
May
June
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

One month subscription time.

Two weeks notice is required for any drops. If you intend on dropping this course, please notify Sarah Stidham (sstidham@peds.bsd.uchicago.edu).

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Consent of the Department
Medical Genetic Consults and Clinics
2017-2018 academic year
PEDS 30900 | 50 units
Course Type: Elective - Clinical

Director:
Dr. Darrel Waggoner

Primary Instructor:
Dr. Darrel Waggoner (773) 834-0555 dwaggone@genetics.uchicago.edu

Contact:
Sarah Stidham - Med Ed/Res Coordinator 773.702.6435 sstidham@peds.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Pediatric Department Orientation in Comer K155. Distribution to clinical rotation to follow.

Included in Lottery:
No

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
No

Last reviewed:
3/6/2017

Overview

The aim of this elective is to provide the student with a concentrated exposure to children and adults with genetic diseases through attending various genetic clinics and inpatient consultations. Students will be given an opportunity to pursue directed readings that focus on the genetic basis of pediatric and adult diseases and have the opportunity to discuss these readings with the attending. To improve the resident's skills at obtaining a family history, performing a dysmorphology exam, diagnosing complex genetic conditions and understanding the importance and intricacies of genetic counseling.

---

The Pediatrics Department welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency.

Objectives

Focus on developing skills of obtaining a family history in the setting of primary care with a focus on recognition of genetic disease. Performing a dysmorphology exam, diagnosing complex genetic conditions and understanding the importance and intricacies of genetic counseling. Develop an understanding and familiarity with genetic resources on the internet.

Evaluation

Each student is expected to attend the Pritzker Orientation (as applicable) as well as the Department of Pediatrics Orientation on their first day of service. In addition, each student will be required to meet with the Associate Clerkship Director halfway through their Sub-I/Elective experience - the student will be responsible for setting up and attending this meeting.

Near the end of the Sub-I/Elective experience, each student will be required to complete evaluations (i.e. on rotation, resident, faculty, etc.). Student evaluations will be distributed at the end of each experience to appropriate faculty and will be released upon completion.
Schedules Offered

This course is not offered on a Monthly Basis, or no schedule has been set at this time.

This course is offered on a Bi-weekly (two week) Basis during the following months:
- February
- March
- April
- May
- June
- September

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Students may, with permission, extend this course to 1 month at 100 credits. Part-time: Min 2 weeks Offered the 1st - 15th and 16th-30/31st of the month. Arrange specific dates with Medical Education Office (Comer K155).

Space is limited - availability is determined on a case by case basis.

Two weeks notice is required for all drops.

If you intend on dropping this course, please notify Sarah Stidham (sstidham@peds.bsd.uchicago.edu).

Course Eligibility and Prerequisites

Max enrollment
1

Eligibility
Fourth year

Prerequisites
Consent of Electives Coordinator
Consent of Instructor
Consent of the Department
Pritzker Students Only
Pediatric Dermatology
2017-2018 academic year
PEDS 31000 | 50 units
Course Type: Elective - Clinical

Director:
Dr. Sarah Stein

Primary Instructor:
Dr. Sarah Stein sstein@medicine.bsd.uchicago.edu

Contact:
Dermatology Education Coordinator 773-702-0549 dermres1@medicine.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
DCAM 3A

Included in Lottery:
No

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
5/16/2017

Overview

Student will attend outpatient pediatric dermatology clinics. He/she will be given recommendations for reading topics in pediatric dermatology and have the opportunity to discuss these readings. The student will be given the opportunity to see patients with a variety of dermatologic conditions. The student will have an opportunity to round with the team on the pediatric dermatology consult service. The student will be encouraged to attend didactic teaching sessions offered to the dermatology housestaff and students rotating on general dermatology.

*Of Note - Location will be at UCM and Palos Heights off-site clinic

Objectives

Be able to perform a complete dermatological exam on pediatric patients. Be able to adequately describe cutaneous lesions making use of the dermatologic vocabulary. Be able to generate a differential diagnosis based on the lesions observed. Be able to recognize common pediatric derm conditions and become familiar with treatment options.

Evaluation

Each student is expected to attend the Pritzker Orientation (as applicable) as well as the Department of Pediatrics Orientation on their first day of service. The student will be evaluated by the course director at the end of the experience as per the Department of Pediatrics standard protocol.

Schedules Offered

This course is not offered on a Monthly Basis, or no schedule has been set at this time

This course is offered on a Bi-weekly (two week) Basis during the following months:
- January
- February
- March
- April
Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>8:00-12:00</td>
<td>7:45-12:00</td>
<td>8:00-12:00</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>1:30-5:00</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Average 20 hrs/wk.

Didactic session for dermatology residents occur from 12:15-1:15pm Mon-Fri and the rotating student is invited to participate.

Course may be dropped with 2 weeks advance notice - please contact coordinator.

Biweekly slots open on a very limited basis. Prior Consent needed.

**Course Eligibility and Prerequisites**

**Max enrollment**

1

**Eligibility**

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

**Prerequisites**

Consent of Electives Coordinator
Consent of Instructor
Consent of the Department
Pediatric Endocrinology, Comprehensive
2017-2018 academic year
PEDS 31100 | 100 units
**Course Type:** Elective - Clinical

**Director:**  
Dr. Dianne Deplewski

**Primary Instructor:**  
Dr. Dianne Deplewski 773-702-6432 ddeplews@peds.bsd.uchicago.edu

**Contact:**  
Sarah Stidham - Med Ed/Res Coordinator 773.702.6435 sstidham@peds.bsd.uchicago.edu

**Campus:**  
UCMC

**Location on first day:**  
Pediatric Department Orientation in Comer K155. Distribution to clinical rotation to follow.

**Included in Lottery:**  
Yes

**Included in MedReg:**  
Yes

**Course can be dropped:**  
No

**Visiting Students:**  
Yes

**Last reviewed:**  
3/6/2017

**Overview**

The student will participate in a comprehensive program including both inpatient and outpatient activities. The program will include participation in a minimum of four clinics per week (general endocrinology and diabetes), daily rounds, and work-up of consults. A Clinical Pediatric Endocrinology case conference, Med-Peds Endorama, core endocrine lecture series and Med-Peds Endocrine research seminars are held weekly. A Pediatric Endocrinology Journal Club and multidisciplinary diabetes meeting are held monthly.

---

The Pediatrics Department welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency.

**Objectives**

To give students a working knowledge of pediatric endocrinology and diabetes. At the end of the rotation, the student should be knowledgeable about the diagnosis and management of all common problems in the field.

**Evaluation**

Each student is expected to attend the Pritzker Orientation (as applicable) as well as the Department of Pediatrics Orientation on their first day of service. In addition, each student will be required to meet with the Associate Clerkship Director halfway through their Sub-I/Elective experience - the student will be responsible for setting up and attending this meeting.

Near the end of the Sub-I/Elective experience, each student will be required to complete evaluations (i.e. on rotation, resident, faculty, etc.). Student evaluations will be distributed at the end of each experience to appropriate faculty and will be released upon completion.
Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>9:00-</td>
<td>8:00-</td>
<td>8:00-</td>
<td>8:30-</td>
<td>8:00-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-6:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-6:00</td>
<td>-5:00</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Max 1 month.

- Endo/diabetes clinic: Monday, Tuesday and Wednesday mornings and afternoons and Friday mornings
- Research conference: Monday afternoons from 5-6 PM
- Clinical meeting: Thursday mornings from 8:30-9:30 AM
- Journal club: 1st Thursday morning of the month from 9:30-10:30 AM
- Pediatric Grand Rounds: Thursdays from 12-1 PM
- Endorama: Thursday afternoon from 4:30-6 PM

If you intend on dropping this course, please notify Sarah Stidham (sstidham@peds.bsd.uchicago.edu).

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

- Fourth year
- Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

- Consent of Electives Coordinator
- Consent of Instructor
- Consent of the Department
Pediatric Sedation and Procedure Service
2017-2018 academic year
PEDS 31200 | 50 units
Course Type: Elective - Clinical

Director:
Dr. Mark Abe

Primary Instructor:
Dr. Mark Abe 2-9659 mabe@peds.bsd.uchicago.edu

Contact:
Sarah Stidham - Med Ed/Res Coordinator 773.702.6435 sstidham@peds.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Pediatric Department Orientation in Comer K155. Distribution to clinical rotation to follow.

Included in Lottery:
No

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview

The Pediatric Sedation and Procedure Service is responsible for the expert sedation of pediatric outpatients and inpatients during invasive procedures and radiological examinations. The course will allow the senior student to actively participate in the care of moderate and deeply sedated pediatric patients from intake to recovery. In addition, the student will gain expertise in pediatric invasive procedures with critical care faculty supervision.

---

The Pediatrics Department welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency.

Objectives

The student will learn how to appropriately evaluate a pediatric patient prior to a sedation procedure: pertinent physical exam findings including airway classification.

The student will learn how to use the equipment and perform procedures necessary to appropriately monitor a sedated infant or child.

The student will learn the process by which decisions are made with respect to pharmacologic choices for sedation in both the inpatient and outpatient setting.

The student will learn to obtain an appropriate informed consent for sedation, as well as any other procedure performed under sedation for discovery or advancement of the medical diagnosis or treatment plan.

The student will learn and review the following procedures: peripheral intravenous catheter placement, appropriate cardio-respiratory monitoring of the sedated child, noninvasive airway management in the sedated child, lumbar puncture, PICC line placement, and central venous line placement.
Evaluation

All students will be required to participate in a Pre-Test and Post-Test with Dr. Abe.

Each student is expected to attend the Pritzker Orientation (as applicable) as well as the Department of Pediatrics Orientation on their first day of service. In addition, each student will be required to meet with the Associate Clerkship Director halfway through their Sub-I/Elective experience - the student will be responsible for setting up and attending this meeting.

Near the end of the Sub-I/Elective experience, each student will be required to complete evaluations (i.e. on rotation, resident, faculty, etc.). Student evaluations will be distributed at the end of each experience to appropriate faculty and will be released upon completion.

Schedules Offered

This course is not offered on a Monthly Basis, or no schedule has been set at this time.

This course is offered on a Bi-weekly (two week) Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>7:30-</td>
<td>7:30-</td>
<td>7:30-</td>
<td>7:30-</td>
<td>7:30-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Availability will be determined on a case by case basis.

If you intend on dropping this course, please notify Sarah Stidham (sstidham@peds.bsd.uchicago.edu).

Course Eligibility and Prerequisites

Max enrollment
2

Eligibility
- Fourth year
- Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites
Consent of Electives Coordinator
Consent of Instructor
Consent of the Department


**General Care Nursery**  
2017-2018 academic year  
PEDS 31400 | 75 units  
**Course Type:** Elective - Clinical  

**Director:**  
Dr. Poj Lysouvakon  

**Primary Instructor:**  
Dr. Poj Lysouvakon 773.702.6604 poj.lysouvakon@uchospitals.edu  

**Contact:**  
Dr. Poj Lysouvakon 773.702.6604 poj.lysouvakon@uchospitals.edu  
Sarah Stidham - Med Ed/Res Coordinator 773.702.6435 sstidham@peds.bsd.uchicago.edu  

**Campus:**  
UCMC  

**Location on first day:**  
Pediatric Departmental Orientation in Comer K155. Distribution to clinical rotation to follow.  

**Included in Lottery:**  
No  

**Included in MedReg:**  
Yes  

**Course can be dropped:**  
No  

**Visiting Students:**  
Yes  

**Last reviewed:**  
2/16/2017  

**Overview**  

The student functions at the level of a 1st year pediatric resident. Responsibilities include new patient examinations, history taking from parents, gathering of lab data, daily follow up of these patients, and new parent education regarding basics of infant care. The student is also responsible for helping the pediatric interns with their duties and for playing a major role in teaching the third year students during their one week rotations. If desired, the student may also spend 1-2 sessions per week in the neonatal follow-up clinic at the Friend Center to learn about immediate outcomes of hospital care. The student is also encouraged to learn about lactation support by spending 2 days rounding with the lactation consultant.  

---  

The Pediatrics Department welcomes students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency.  

**Objectives**  

To gain extended experience and responsibility in caring for apparently healthy term and late pre-term neonates who may be at risk for medical and/or social reasons. To learn basics of newborn health. To gain experience in educating parents regarding normal newborn nutritional, physical and emotional needs.  

**Evaluation**  

Based on attendance/performance. Maximum 1 month full-time 150 credits and minimum 2 weeks part-time for 75 credits.  

Each student is expected to attend the Pritzker Orientation (as applicable) as well as the Department of Pediatrics Orientation on their first day of service. In addition, each student will be required to meet with the Associate Clerkship Director halfway through their Sub-I/Elective experience - the student will be responsible for setting up and attending this meeting.
Near the end of the Sub-I/Elective experience, each student will be required to complete evaluations (i.e. on rotation, resident, faculty, etc.). Student evaluations will be distributed at the end of each experience to appropriate faculty and will be released upon completion.

**Schedules Offered**

This course is not offered on a Monthly Basis, or no schedule has been set at this time

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>6:00-</td>
<td>6:00-</td>
<td>6:00-</td>
<td>6:00-</td>
<td>6:00-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Please contact Dr. Lysouvakon two-weeks prior to sub-I to receive information regarding location and contacts.

Weekend shifts MAY be required.

Month-long rotation MAY be an option, at discretion of faculty director and department.

All drop requests must be received at least two-weeks prior to your scheduled start date and faculty/departmental approval must be attained.

If you intend on dropping this course, please notify Sarah Stidham (sstidham@peds.bsd.uchicago.edu).

**Course Eligibility and Prerequisites**

**Max enrollment**

1

**Eligibility**

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

**Prerequisites**

Consent of Electives Coordinator
Consent of Instructor
Consent of the Department
Pediatric Allergy/Immunology  
2017-2018 academic year  
PEDS 32200 | 100 units  
Course Type: Elective - Clinical

Director:  
Dr. Raoul L. Wolf

Primary Instructor:  
Dr. Raoul Wolf 773.834.4010 rtwolf@peds.bsd.uchicago.edu

Contact:  
Natasha Adams nadams@peds.bsd.uchicago.edu

Campus:  
UCMC

Location on first day:  
Contact Natasha Adams

Included in Lottery:  
Yes

Included in MedReg:  
Yes

Course can be dropped:  
No

Visiting Students:  
Yes

Last reviewed:  
3/6/2017

Overview

The main focus of the Fourth year elective in Pediatric Allergy/Immunology has been the outpatient clinics at University of Chicago and offsite locations. Students will attend 5 clinics per week for 4 weeks rotation - work-up patients, present to attending, participate in care and observe the role of allergy testing and will be expected to do related readings (as directed by attending)
Students will also see inpatient consults and may be involved with interpretation of pulmonary function testing on pediatric patients.

Objectives

The students will acquire an understanding of the pathophysiology of a range of allergic diseases, including asthma, allergic rhinitis and food allergy as well as immune defects. Students will develop an understanding of the diagnosis and management of these conditions.

Evaluation

Students will meet with consult attending one mid-way through the rotation and once at the end of the course for an evaluation discussion.

Each student is expected to attend the Pritzker Orientation (as applicable) as well as the Department of Pediatrics Orientation on their first day of service. In addition, each student will be required to meet with the Associate Clerkship Director halfway through their Sub-I/Elective experience - the student will be responsible for setting up and attending this meeting.

Near the end of the Sub-I/Elective experience, each student will be required to complete evaluations (i.e. on rotation, resident, faculty, etc.). Student evaluations will be distributed at the end of each experience to appropriate faculty and will be released upon completion.

Schedules Offered

This course is offered on a Monthly Basis during the following months:

January
February
March
April
May
June
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Maximum one (1) month

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Consent of the Department
Pediatric Pulmonology
2017-2018 academic year
PEDS 32300 | 100 units

Course Type: Elective - Clinical

Director:
Dr. Maria Dowell

Primary Instructor:
Dr. Louise Giles blgiles@uchicago.edu
Dr. Maria Dowell mdowell@peds.bsd.uchicago.edu
Dr. Satyanarayan Hegde 773.702.6178 shegde@peds.bsd.uchicago.edu

Contact:
Carolyn McCafferty (773) 702-6178 cmccafferty@peds.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
C-146 (Wyler) - After Comer Orientation

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview

The main focus of the Fourth year elective in Pediatric Pulmonology is outpatient pulmonary and cystic fibrosis clinics at the University of Chicago Children's Hospital. In addition, the student will see pulmonary inpatients on daily rounds, and participate in the consultation service. Students will participate in interpreting pulmonary function testing and do related readings as directed by attending faculty.

Objectives

Student will acquire knowledge about the diagnosis, pathophysiology, and treatment of common pulmonary disorders seen in children (CF, asthma, BPD) as well as developing an approach to pulmonary problems that are secondary to other common pediatric problems. Student will develop some proficiency in interpreting pulmonary function tests. Student will prepare one informal presentation on a pulmonary related topic of their choice (related to a patient seen or a problem encountered during the rotation) for presentation to the clinical service team.

Evaluation

Students will meet with the service attending once mid-way through the rotation and once at the end for an evaluatory discussion. Students will be evaluated on ability to obtain a history and do a complete physical examination, present a patient, offer a differential diagnosis and plan of care, and use the literature.

Each student is expected to attend the Pritzker Orientation (as applicable) as well as the Department of Pediatrics Orientation on their first day of service. In addition, each student will be required to meet with the Associate Clerkship Director halfway through their Sub-I/Elective experience - the student will be responsible for setting up and attending this meeting.

Near the end of the Sub-I/Elective experience, each student will be required to complete evaluations (i.e. on rotation, resident, faculty, etc.). Student evaluations will be distributed at the end of each experience to appropriate faculty and will be released upon completion.

Schedules Offered
This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

No weekends and no off-site clinics unless interest is noted.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Consent of Instructor
Consent of the Department
Pediatric Rheumatology
2017-2018 academic year
PEDS 32400 | 100 units
Course Type: Elective - Clinical

Director:
Dr. Melissa Tesher

Primary Instructor:
Dr. Deirdre DeRanieri dderanieri@peds.bsd.uchicago.edu
Dr. Linda Wagner-Weiner (773) 702-2245 lww@uchicago.edu
Dr. Melissa Tesher 773-702-3618 mtesher@peds.bsd.uchicago.edu

Contact:
Sarah Stidham - Med Ed/Res Coordinator 773.702.6435 sstidham@peds.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Pediatric Department Orientation in Comer K155. Distribution to clinical rotation to follow.

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
3/2/2017

Overview

Student will attend Pediatric Rheumatology Clinic. Student will be given readings specific for the appropriate Rheumatologic topics. The student will be given an opportunity to see patients with a wide variety of pediatric musculoskeletal diseases as well as to evaluate new patients. Outpatient time is a requirement for the rotating student. The student is also invited to participate in inpatient rounding, especially when there is a complicated or educational patient on the service.

---

The Pediatrics Department welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency.

Objectives

Pediatric Rheumatology Objectives
By the end of the rotation, residents will (be able to):

Patient Care
Perform a complete musculoskeletal examination on a child or adolescent. Demonstrate techniques for assessing the musculoskeletal system in a non-cooperative toddler or small child.
List 3 elements of the history of present illness which can differentiate between inflammatory and non-inflammatory musculoskeletal pain.

Medical Knowledge
Describe the typical presentation of the major subtypes of juvenile idiopathic arthritis: Oligoarticular, polyarticular, enthesitis-related, and systemic-onset.
Recall the 11 diagnostic criteria for systemic lupus erythematosus.
List 6 potential adverse effects of corticosteroids.
Explain the basic mechanism of action, and indications for use, of 3 classes of biologic medication. Give 2 examples of primary care and/or screening recommendations for children taking biologic medications. State the frequency of ANA positivity in the general population.

Practice-based learning and improvement
Identify an area of clinical uncertainty of ambiguity, and utilize the medical literature to support a recommendation for evaluation or treatment. For example, “What is the best treatment for Class V lupus nephritis?” “Does diet affect the outcome of juvenile arthritis?” Give a brief presentation (please keep it to about 15 minutes) to the pediatric rheumatology faculty summarizing your findings. In your presentation please discuss 2 original research articles (Not reviews) and discuss the strengths and weaknesses of each study and applicability (or lack thereof) to your clinical question and/or to our population.

Interpersonal and Communication Skills
Describe an observation of “delivery of complicated bad news” (in the context of a new diagnosis of a rheumatologic illness) listing two effective strategies used or areas of potential improvement.
Appreciate the frequency of medication non-adherence among adolescents with chronic disease, and relate strategies for approaching this issue in a non-judgmental manner.
Demonstrate empathy for patients with symptoms of unclear cause (such as severe chronic pain).

Systems-Based Practice
Write suggested accommodations and modifications for a 504 plan for a child with juvenile idiopathic arthritis.
Employ strategies to assist adolescents with chronic illness to prepare for transition to adult care.

Professionalism
Arrive on time for clinical and teaching experiences.
Respond to e-mails and other rotation-related communications within 24 hours.
Demonstrate respect for patients and families, as well as for physicians and for individuals in other professional disciplines (nursing, support staff, etc.).

Evaluation

The student will be evaluated and graded by the ACGME Guidelines for medical knowledge, patient care, practice-based learning, interpersonal and communications skills, professionalism, and system-based practice. Rheumatology will be responsible for the condition of the evaluation.

Each student is expected to attend the Pritzker Orientation (as applicable) as well as the Department of Pediatrics Orientation on their first day of service. In addition, each student will be required to meet with the Associate Clerkship Director halfway through their Sub-I/Elective experience - the student will be responsible for setting up and attending this meeting.

Near the end of the Sub-I/Elective experience, each student will be required to complete evaluations (i.e. on rotation, resident, faculty, etc.). Student evaluations will be distributed at the end of each experience to appropriate faculty and will be released upon completion.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:
Schedule Notes

The schedule will be finalized once the student begins the rotation. Students may, with permission, reduce the course to 2 weeks at 50 credits. Dates must be confirmed through the VSAS online system.

If you intend on dropping this course, please notify Sarah Stidham (sstidham@peds.bsd.uchicago.edu).

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Consent of Instructor
Consent of the Department
Sub-Internship: Externship in Neonatology  
2017-2018 academic year  
PEDS 36300 | 150 units  
**Course Type:** Sub-Internship  

**Director:**  
Dr. Michael D. Schreiber  
**Primary Instructor:**  
Dr. Michael Schreiber 773.702.9799 mschreiber@peds.bsd.uchicago.edu  
**Contact:**  
Sarah Stidham - Med Ed/Res Coordinator 773.702.6435 sstidham@peds.bsd.uchicago.edu  
**Campus:**  
UCMC  
**Location on first day:**  
Pediatric Department Orientation in Comer K155. Distribution to clinical rotation to follow.  
**Included in Lottery:**  
Yes  
**Included in MedReg:**  
Yes  
**Course can be dropped:**  
No  
**Visiting Students:**  
Yes  
**Last reviewed:**  
3/6/2017

---

**Overview**

The student will be assigned as a member of the house staff team in the neonatal intensive care unit and will fulfill the responsibilities of an intern in some selected patients. The student will be responsible for the patients initial assessment and will implement diagnostic and therapeutic interventions directly under the supervision of the attending, fellow and resident. The student will take call and every day and every 4th night and learn procedures such as umbilical vessel catheterization, chest tube insertion, and endotracheal intubation. The student will respond to calls from the delivery rooms with a resident or neonatal nurse practitioner.

---

The Pediatrics Department welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency.

---

**Objectives**

To gain experience and expertise in the management of premature and critically-ill infants. To expand knowledge base of the student in the diseases within the realm of perinatal-neonatal medicine.

---

**Evaluation**

The student is expected to participate in daily unit rounds and in patient discussions as well as present a brief presentation on any topic of interest.

Each student is expected to attend the Pritzker Orientation (as applicable) as well as the Department of Pediatrics Orientation on their first day of service. In addition, each student will be required to meet with the Associate Clerkship Director halfway through their Sub-I/Elective experience - the student will be responsible for setting up and attending this meeting.
Near the end of the Sub-I/Elective experience, each student will be required to complete evaluations (i.e. on rotation, resident, faculty, etc.). Student evaluations will be distributed at the end of each experience to appropriate faculty and will be released upon completion.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

**Weekly schedule:**

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td>-</td>
<td>-</td>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td>-</td>
<td>-</td>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Approximately 50 hours per week plus call every 4th night; Maximum 1 month, full-time.

Two weeks notice is required for all drops. If you intend on dropping this course, please notify Sarah Stidham (sstidham@peds.bsd.uchicago.edu).

**Course Eligibility and Prerequisites**

**Max enrollment**

1

**Eligibility**

- Fourth year
- Visiting Student (from LCME Accredited Medical Schools Only)

**Prerequisites**

- Consent of Electives Coordinator
- Consent of Instructor
- Consent of the Department
Sub-Internship: Neonatology - NorthShore
2017-2018 academic year
PEDS 36301 | 150 units
Course Type: Sub-Internship

Director:
Dr. William MacKendrick

Primary Instructor:

Contact:
Sarah Kaiser   skaiser@northshore.org

Campus:
Northshore

Location on first day:
NorthShore Evanston Hospital Infant Special Care Unit, Evanston Hospital, 7:30AM

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview

- Become a member of the intensive care nursery team.

- Gain an appreciation of the intrauterine factors that influence fetal growth and development and that may lead to preterm delivery.

- Become familiar with the range of normal findings in the newborn and learn to recognize and evaluate the abnormal.

- Become familiar with the management of problems associated with prematurity and extreme prematurity.

- Become familiar with the more common genetic conditions and congenital anomalies encountered in the neonatal period.

*Please note that supervised overnight call on an every fourth night schedule is required. You are not required to work on weekends unless you are on call on a weekend day. Specific call scheduling requests can generally be accommodated.

*Please note that this Sub-I experience is based solely at Evanston Hospital within NorthShore University Health Center and not on the University of Chicago Campus.

---

objectives

- Develop an appreciation of the effect of maternal illness such as diabetes and infections on the developing fetus and an understanding of the rational management of the high-risk pregnancy or complicated delivery.

- Develop proficiency in evaluating the obstetrical history.
- Become skilled in examining the newborn and learn to recognize abnormal findings or behavior.
- Understand the metabolic and physiologic changes involved in adaptation to extrauterine life.
- Learn how the newborn's response to drugs or illness differs from that of an older infant or child.
- Develop an understanding of the physiology of the premature infant and how it differs from that of the term infant.
- Learn to manage common neonatal problems.
- Develop critical thinking skills essential for patient care in the critical care environment.

Evaluation

It is expected that the student will work closely with house staff and senior staff members. He/she will be evaluated several times during the clerkship on the basis of knowledge and approach to clinical problems.

Near the end of the Sub-I/Elective experience, each student will be required to complete evaluations (i.e. on rotation, resident, faculty, etc.). Student evaluations will be distributed at the end of each experience to appropriate faculty and will be released upon completion.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes

- Have supervised clinical experience in the intensive care nurseries.
- Attend normal and abnormal deliveries, daily rounds, and conferences.
- Review pertinent literature.

If you intend on dropping this course, please notify Sarah Stidham (sstidham@peds.bsd.uchicago.edu) and Sarah Kaiser (skaiser@northshore.org)

Course Eligibility and Prerequisites
Max enrollment
1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Consent of Instructor
Consent of the Department
Research in Neonatology
2017-2018 academic year
PEDS 36400 | VAR units
Course Type: Research / Reading

Director:
Dr. Michael D. Schreiber

Primary Instructor:
Dr. Michael Schreiber 773.702.9799 mschreiber@peds.bsd.uchicago.edu

Contact:
Sarah Stidham - Med Ed/Res Coordinator 773.702.6435 sstidham@peds.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Pediatric Department Orientation in Comer K155. Distribution to clinical rotation to follow.

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
No

Visiting Students:
No

Last reviewed:
3/6/2017

Overview

This course is directed to fourth year medical students who have the desire to and interest in learning more about perinatal-neonatal medicine. Students join an ongoing clinical or laboratory research project in the section. Active research projects include: Epidemiology at the interface of medical ethics; perinatal pulmonary circulation and the role of nitric oxide, perinatal epidemiology; developmental neurobiology; physiology of neonatal sepsis; outcomes research; students may also develop an independent project under the supervision of the Neonatology faculty member.

---

The Pediatrics Department welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency.

Objectives

To expand knowledge base of the student in perinatal-medicine. To develop student's research design and implementation skills.

Evaluation

The student is required to prepare and submit a completed paper on the research project undertaken. The student is also expected to submit and abstract for presentation at the Annual Post-Graduate Research Symposium at the University of Chicago. The student may also submit an abstract to a national conference.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Maximum 1 month. There will be at least 1-2 hour meetings with faculty mentor.

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Two weeks notice is required for any drops. If you intend on dropping this course, please notify Sarah Stidham (sstidham@peds.bsd.uchicago.edu).

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Electives Coordinator
Consent of Instructor
Consent of the Department
Elective in Neonatology
2017-2018 academic year
PEDS 36500 | 50 units
Course Type: Elective - Clinical

Director:
Dr. Michael Schreiber

Primary Instructor:
Dr. Brian Callender
Dr. Michael Schreiber 773.702.9799 mschreiber@peds.bsd.uchicago.edu

Contact:
Sarah Stidham - Med Ed/Res Coordinator 773.702.6435 sstidham@peds.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Pediatric Department Orientation in Comer K155. Distribution to clinical rotation to follow.

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
Yes

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview

This is a two week elective in the NICU and provides experience and exposure to NICU patients and NICU experience. The students will have responsibility for some NICU patients, with great supervision.

---

The Pediatrics Department welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency.

Objectives

The student will learn to manage complex sick newborns, work with many multi-disciplinary colleagues, and learn a great deal about neonatal physiology.

Evaluation

The attending on NICU service will evaluate the student

Schedules Offered

This course is not offered on a Monthly Basis, or no schedule has been set at this time

This course is offered on a Bi-weekly (two week) Basis during the following months:
January
February
Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Time will be arranged each day.

Two weeks notice is required for any drops. If you intend on dropping this course, please notify Sarah Stidham (sstidham@peds.bsd.uchicago.edu).

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Consent of Instructor
Consent of the Department
Pediatric Neurology, Comprehensive
2017-2018 academic year
PEDS 36900 | 50 units
Course Type: Elective - Clinical

Director:
- Dr. Chalongchai Phitsanuwong

Primary Instructor:
- Dr. Chalongchai Phitsanuwong  cphitsanuwong@peds.bsd.uchicago.edu

Contact:
- Sarah Stidham - Med Ed/Res Coordinator  773.702.6435 sstidham@peds.bsd.uchicago.edu

Campus:
- UCMC

Location on first day:
- Pediatric Department Orientation in Comer K155. Distribution to clinical rotation to follow.

Included in Lottery:

- Yes

Included in MedReg:

- Yes

Course can be dropped:

- No

Visiting Students:

- Yes

Last reviewed:

- 2/28/2017

Overview

The Pediatric Neurology course at Comer Children's Hospital offers a variety of opportunity for medical students to learn and expose to children with neurological disorders, such as epilepsy, movement disorders, neuromuscular diseases, neurogenetic disorders and developmental problems. Students will learn and have a hand-on experience in interviewing the patients, conducting a neurological examination and participating in the management of the patients. Students will also have an opportunity to become familiarized with neurological investigations, including neuroimaging (MRI, CT brain and spine), electroencephalography (EEG), and electromyography (EMG).

The course offers both inpatient and outpatient experience depending on student's interest and arrangement with the course director.

---

The Pediatrics Department welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency.

Objectives

- Learn and develop how to take a focus history in pediatric patients with neurological problems
- Learn and develop clinical skills to perform a neurological examination in pediatric patients
- Learn and develop an ability to localize pathological lesions in patient work neurological problems
- Learn and develop an ability to make a clinical decision to choose neurological investigations appropriately.
- Learn and participate in patient management planning

Evaluation
Evaluation will be based on performance, attendance, and progress throughout the course.

Each student is expected to attend the Pritzker Orientation (as applicable) as well as the Department of Pediatrics Orientation on their first day of service. In addition, each student will be required to meet with the Associate Clerkship Director halfway through their Elective experience - the student will be responsible for setting up and attending this meeting.

Near the end of the Elective experience, each student will be required to complete evaluations (i.e. on rotation, resident, faculty, etc.). Student evaluations will be distributed at the end of each experience to appropriate faculty and will be released upon completion.

**Schedules Offered**

This course is not offered on a Monthly Basis, or no schedule has been set at this time

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

**Weekly schedule:**

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Schedule Notes**

We offer the course every month on a bi-weekly basis (2 weeks in duration). The course can be taken for a full month for 100 credits.

Schedule is flexible based on student interest in inpatient versus outpatient or combined - will be set on a case by case basis. Two weeks notice is required for any dropped courses. If you intend on dropping this course, please notify Sarah Stidham (sstidham@peds.bsd.uchicago.edu).

**Course Eligibility and Prerequisites**

**Max enrollment**

1

**Eligibility**

- Fourth year
- Visiting Student (from LCME Accredited Medical Schools Only)

**Prerequisites**

- Consent of Electives Coordinator
- Consent of the Department
Readings in Pediatrics
2017-2018 academic year
PEDS 37100 | VAR units
Course Type: Research / Reading

Director:
Dr. Maria (Lolita) Alkureishi

Primary Instructor:
Dr. Maria (Lolita) Alkureishi pager 6576 malkureishi@peds.bsd.uchicago.edu
Dr. Nicola Orlov (773) 834-5630 nmeyerorlov@peds.bsd.uchicago.edu

Contact:
Dr. Maria (Lolita) Alkureishi pager 6576 malkureishi@peds.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Email Dr. Alkureishi

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
Yes

Visiting Students:
No

Last reviewed:
3/6/2017

Overview

The elective is designed to help medical students interested in pediatrics to critically evaluate current literature and guidelines on various topics in pediatrics. Students will review the current information for various topics on our pediatrics clerkship website (http://pedclerk.bsd.uchicago.edu).

Students will research current articles related to epidemiology, diagnosis, treatment, workup and current research for that subject, and they will update the website with that information as well as links to useful articles, multimedia tools and other helpful websites. Doing so will provide students with a sound review of various topics in pediatrics as well as help create an up-to-date, useful educational resource for their peers.

Objectives

1. Students will review and learn to critically evaluate current literature in pediatrics on a variety of topics in pediatrics.

2. Students will practice researching for the most up-to-date resources including multimedia tools and helpful websites.

3. Students will create useful, accurate, and helpful reviews on a variety of topics in pediatrics.

4. Students will learn and practice basic website editing skills.

5. Students will update the clerkship website (http://pedclerk.bsd.uchicago.edu/) and in doing create a valuable educational tool for their peers.

6. Students will value the elective as helpful and important in their own learning and will recognize the value of creating educational tools for their peers.

Evaluation
Each topic created will be reviewed by the elective course leader, Dr. Lolita Alkureishi. Students will receive written and oral feedback on the quality of their work and how to improve. Students achieving the goals and objectives of the elective and complete their assigned topics to a satisfactory level will receive a passing grade.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

**Weekly schedule:**

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

**Course Eligibility and Prerequisites**

**Max enrollment**

15

**Eligibility**

Fourth year

**Prerequisites**

Consent of Electives Coordinator
Consent of the Department
Pritzker Students Only
Sub-Internship: Inpatient General Pediatrics
2017-2018 academic year
PEDS 37500 | 150 units
Course Type: Sub-Internship

Director:
Dr. Nicola Orlov

Primary Instructor:
Dr. Nicola Orlov (773) 834-5630 nmeyerorlov@peds.bsd.uchicago.edu

Contact:
Sarah Stidham - Med Ed/Res Coordinator 773.702.6435 stidham@peds.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Pediatric Department Orientation in Comer K155. Distribution to clinical rotation to follow.

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
No

Last reviewed:
3/6/2017

Overview

The sub-internship in general pediatrics places students on our inpatient service at Comer Children's Hospital. Students work closely with our housestaff and have a high degree of responsibility for patient care. As such, the sub-I becomes an indispensable member of the medical team and the experience provides substantial hands-on learning.

Objectives

To experience and learn the fundamentals of general inpatient pediatrics while assuming the role of an intern under the guidance of two senior pediatric residents and an attending. This is a valuable experience for students interested in pediatrics and family medicine as well as those wanting to further their knowledge in general pediatrics.

Evaluation

Evaluation will be by your resident supervisors and attending pediatrician.

Each student is expected to attend the Pritzker Orientation (as applicable) as well as the Department of Pediatrics Orientation on their first day of service. In addition, each student will be required to meet with the Associate Clerkship Director halfway through their Sub-I/Elective experience - the student will be responsible for setting up and attending this meeting.

Near the end of the Sub-I/Elective experience, each student will be required to complete evaluations (i.e. on rotation, resident, faculty, etc.). Student evaluations will be distributed at the end of each experience to appropriate faculty and will be released upon completion.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

COURSE CANNOT BE DROPPED UNLESS A REPLACEMENT IS FOUND

Schedule mirrors the intern call schedule, M-F with weekends when on call or post-call, and call involves 1 week of night shifts, details to be discussed with your team when you begin.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year

Prerequisites

Consent of Electives Coordinator
Consent of Instructor
Consent of the Department
Pritzker Students Only
Pediatric Hematology/Oncology
2017-2018 academic year
PEDS 38700 | 150 units
Course Type: Sub-Internship

Director:
Dr. Radhika Peddinti

Primary Instructor:
Dr. John Cunningham 2-1205 jcunning@peds.bsd.uchicago.edu
Dr. Radhika Peddinti 773.702.1059 rpeddint@peds.bsd.uchicago.edu

Contact:
Sarah Stidham - Med Ed/Res Coordinator 773.702.6435 sstidham@peds.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Pediatric Department Orientation in Comer K155. Distribution to clinical rotation to follow.

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview

Opportunities are provided for the student to increase their knowledge of Pediatric Hematology/Oncology by participation in our inpatient and outpatient clinical services and attendance, the section's conferences, and seminars.

On the inpatient side, the students work closely with the House Staff, Fellows, and Attendings. Students will follow primary patients and have a high degree of responsibility of patient care under the guidance of a senior resident. This will provide them with an in-depth knowledge of pathophysiology and management of complex pediatric hematologic and oncologic conditions. Opportunities are available in outpatient clinic in addition to the inpatient service. If students are interested in attending clinics, they will need to get the schedule finalized with the course director in advance.

---

The Pediatrics Department welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency.

Objectives

To gain increasing knowledge in management and pathophysiology of common and complex diseases in Pediatric Hematology and Oncology.

Evaluation

Each student is expected to attend the Pritzker Orientation (as applicable) as well as the Department of Pediatrics Orientation on their first day of service. In addition, each student will be required to meet with the Associate Clerkship Director halfway through their Sub-I/Elective experience - the student will be responsible for setting up and attending this meeting.
Near the end of the Sub-I/Elective experience, each student will be required to complete evaluations (i.e. on rotation, resident, faculty, etc.). Student evaluations will be distributed at the end of each experience to appropriate faculty and will be released upon completion.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

**Weekly schedule:**

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td>-</td>
<td>7:30-</td>
<td>7:30-</td>
<td>7:30-</td>
<td>7:30-</td>
<td>7:30-</td>
<td>-</td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td>-</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Full-time, 7:30am - 5:00pm daily plus call every 4th night.

Two weeks notice is required for any drops. If you intend on dropping this course, please notify Sarah Stidham (sstidham@peds.bsd.uchicago.edu).

**Course Eligibility and Prerequisites**

**Max enrollment**

1

**Eligibility**

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

**Prerequisites**

Consent of Electives Coordinator
Consent of Instructor
Consent of the Department
Elective in Pediatric Hematology and Oncology
2017-2018 academic year
PEDS 38800 | 100 units
Course Type: Elective - Clinical

Director:
Dr. Radhika Peddinti
Primary Instructor:
Dr. Radhika Peddinti 773-702-6808 rpeddinti@peds.bsd.uchicago.edu
Contact:
Sarah Stidham - Med Ed/Res Coordinator 773.702.6435 sstidham@peds.bsd.uchicago.edu
Campus:
UCMC
Location on first day:
Pediatric Department Orientation in Comer K155. Distribution to clinical rotation to follow.
Included in Lottery:
Yes
Included in MedReg:
Yes
Course can be dropped:
Yes
Visiting Students:
Yes
Last reviewed:
3/6/2017

Overview

Students rotation on Pediatric Hematology-Oncology will become an integral member of the team by participating in out-patient clinics and serving as a member of the in-patient consultation service. Under the supervision of the Pediatric Heme/Onc Fellows and/or Attending Physicians, the student will obtain a history, perform an exam, gather appropriate laboratory data, develop an assessment which includes a differential diagnosis and help to develop a plan of care to be recommended to the patient's primary team in the in-patient and out-patient setting.

Clinic time and rounds with the Attending will include discussions of the evaluation and therapy of the disease process and interpretation of laboratory results. In addition, the students will attend daily morning report and noon conferences with the pediatric residents and they will attend a weekly conference with all pediatric oncology attendings.

The goal of the rotation is to become familiar with the pathophysiology and treatment of pediatric patients with hematologic or oncologic diseases.

---

The Pediatrics Department welcomes visiting final year students from accredited US medical schools to spend a maximum of a one month rotation in our department. Elective and sub-internship spots, especially in the first six months of the year, are reserved first for Pritzker students and then opened for visiting medical students. Visiting medical students are chosen based on their interest and academic performance as evidenced in their VSAS application; rotations cannot be arranged outside of VSAS. Rotation slots are competitive and are not offered to all who request them. Visiting medical students are not guaranteed an interview for residency.

Objectives

Interview and examine patients with oncologic and hematologic diseases in the out-patient setting.

Conduct the history and exam on patients in the in-patient setting whose primary service has requested a heme/onc consult.

Review the peripheral blood smear and/or bone marrow aspirate and biopsy of one of your patients with our Hematopathologists.

Attend the Monday afternoon multidisciplinary conference where admitted patients are discussed.
Perform a concise and accurate presentation during clinic.

Communicate with family and team members with respect.

Arrive on time for clinical and teaching experiences.

Demonstrate respect for individuals.

**Evaluation**

Students rotating through this elective will be evaluated on a Pass/Fail basis.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

**Weekly schedule:**

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Two weeks notice is required for any drops. If you intend on dropping this course, please notify Sarah Stidham (sstidham@peds.bsd.uchicago.edu).

**Course Eligibility and Prerequisites**

**Max enrollment**

1

**Eligibility**

- Fourth year
- Visiting Student (from LCME Accredited Medical Schools Only)

**Prerequisites**
Learners as Teachers Elective
2017-2018 academic year
PEDS 41000 | 50 units
Course Type: Elective - Non-clinical

Director:
Dr. H. Barrett Fromme

Primary Instructor:
Dr. H. Barrett Fromme 773-834-9043 hfromme@peds.bsd.uchicago.edu

Contact:
Dr. H. Barrett Fromme 773-834-9043 hfromme@peds.bsd.uchicago.edu

Campus:
UCMC

Location on first day:

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
No

Visiting Students:
No

Last reviewed:
3/31/2017

Overview

This course is designed to give 4th year medical students an opportunity to learn principles of effective teaching (including giving feedback and teaching with limited time). They will then be trained to be standardized learners for objective structured teaching encounters (OSTEs), including how to apply the teaching skills they learned to facilitate the experience of faculty and residents during the OSTEs. Finally they will participate as standardized learners in multiple OSTEs throughout the year that are offered to faculty and pediatric residents at the University of Chicago.

Scheduling of the training will be based on student availability, but the session dates will be pre-determined. Students need to be available for at least 3 of 5 OSTE session, which will be held in February, March, and April, all ending before noon.

Objectives

By the end of the elective, participants will be able to:
• Describe the characteristics of effective feedback
• Formulate and deliver constructive feedback to educators
• List the steps of the One-Minute preceptor
• Perform the role of a learner in the medical education environment
• Incorporate feedback into their roles as both learners and teachers

Evaluation

Students will be evaluated on two main areas:
1) Participation – they must complete at least 60% of the OSTE’s offered
2) OSTE performance evaluation – they will receive feedback on their performance by the course directors as well as OSTE participants

Schedules Offered

This course is offered on a Monthly Basis during the following months:
February
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Dates to be determined, but there will be individual morning sessions in the months as listed above, with two likely in February or March.

Schedule for training sessions will be arranged by faculty in the summer.

Course cannot be dropped - Replacement is needed.

Students must be able to commit to being available for 3/5 morning sessions in February, March, April, and May – dates TBD. Students can be excused from nonessential rotations for the morning.

Course Eligibility and Prerequisites

Max enrollment
12

Eligibility
Fourth year

Prerequisites

Consent of Instructor
Pritzker Students Only
Psychiatry
Fourth Year
Electives

2017-2018
**Reading Tutorial in Psychiatry**  
2017-2018 academic year  
PSCR 32900 | VAR units  
**Course Type:** Research / Reading  

**Director:**  
Dr. Deborah Spitz  

**Primary Instructor:**  
Dr. Deborah Spitz 4-0294 dspitz@bsd.uchicago.edu  

**Contact:**  
Brandy Tyrpin 773-834-0373 btyrpin@yoda.bsd.uchicago.edu  

**Campus:**  
UCMC  

**Location on first day:**  
Arranged  

**Included in Lottery:**  
No  

**Included in MedReg:**  
No  

**Course can be dropped:**  
Yes  

**Visiting Students:**  
Yes  

**Last reviewed:**  
2/23/2017  

**Overview**  

Individual readings in psychoanalysis, psychopathology, history of psychiatry, chronic diseases, psychopharmacology, and other topics can be arranged with the consent of the instructors. An interdisciplinary course. Co-authorship and publication of papers will be encouraged. Arrange with specific faculty.  

**Objectives**  

To introduce the student to the clinical and basic biobehavioral literature encompassed within the theory and practice of psychiatry.  

**Evaluation**  

To be determined by instructor.  

**Schedules Offered**  

This course is offered on a Monthly Basis during the following months:  
January  
February  
March  
April  
May  
July  
August  
September  
October  
November  
December  

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.
Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

- Fourth year
- Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

- Consent of Electives Coordinator
Selected Readings in Child Psychiatry
2017-2018 academic year
PSCR 33600 | VAR units
Course Type: Research / Reading

Director:
Dr. Karam Radwan

Primary Instructor:
Dr. Karam Radwan (773) 834-6686 kradwan@yoda.bsd.uchicago.edu

Contact:
Brandy Tyrpin 773-834-0373 btyrpin@yoda.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Arranged

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
Yes

Visiting Students:
Yes

Last reviewed:
2/23/2017

Overview

Individualized program in directed readings or tutorials for students interested in selected areas of child psychiatry, psychology, development, and psychological development of children.

Objectives

To guide and facilitate students in classical and current readings in child psychiatry on an individualized basis and through discussion thereof.

Evaluation

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
</table>

Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
The Child and Adolescent Psychiatry inpatient unit at Lakeshore Hospital has an affiliation with the University of Chicago. Dr. Nierman, a Board Certified child and adolescent psychiatrist runs the inpatient unit at Chicago Lakeshore and is on the University of Chicago Faculty. The unit treats children and adolescents with a variety of psychiatric disorders including but not limited to psychotic illnesses, depression, bipolar disorders and post-traumatic stress disorder.

The unit treatment team is comprised of an attending psychiatrist (Dr. Nierman), a child psychiatry fellow, first year psychiatry resident, two third year medical students and Lakeshore hospital staff. Senior medical students are active participants on the team. Participation in this team as an elective will afford the opportunity to learn about psychiatric symptoms as they exist in child and adolescent patients, to develop biopsychosocial formulations, and to learn to work with multiple systems serving the needs of children and adolescents.

As a member of the inpatient treatment team, the student will assume responsibility for evaluation of patients, performing the write-up, gathering collaborative information, formulating a differential diagnosis and instituting a treatment plan in conjunction with Dr. Nierman and other team members.

In addition to their time at Lakeshore students will have the opportunity to rotate at Comer Children's Hospital on the Consultation Service and work in the outpatient clinics at the University of Chicago. These experiences will round out the students exposure to child psychiatry and give them a broad overview of different patient populations and patient presentations.

Objectives

The fourth year student should be able to present cases seen on the inpatient unit, the consult service, and in clinic as a junior resident would. Rounds on the University of Chicago Service patients are conducted daily at 9 am on the Adolescent Unit. Students will participate in didactics at the University on Wednesday mornings along with the fellow or, in some instances, may round with the Attending at Chicago Lakeshore Hospital. Teaching Rounds will be conducted Tuesdays at 10 am and Fridays at 1 pm. Each fourth year student will be asked to prepare a presentation on a timely subject during the four week rotation.

Evaluation
Students will be evaluated on their presentations and discussions of psychiatric cases. Students will be expected to write up cases and obtain and review relevant literature related to cases for presentation in rounds. Students will work with residents, fellows, and 3rd year medical students on rounds.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

**Weekly schedule:**

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Coverage of child psychiatry inpatient unit and consult service as scheduled (daily).

**Course Eligibility and Prerequisites**

**Max enrollment**

1

**Eligibility**

- Fourth year
- Visiting Student (from LCME Accredited Medical Schools Only)

**Prerequisites**

- Consent of Instructor
Community Psychiatry
2017-2018 academic year
PSCR 33900 | 100 units
Course Type: Elective - Clinical

Director:
Dr. Daniel Yohanna

Primary Instructor:
Dr. Daniel Yohanna 4-7008 dyohanna@bsd.uchicago.edu

Contact:
Brandy Tyrpin  773-834-0373 btyrpin@yoda.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Arranged

Included in Lottery:
No

Included in MedReg:
Yes

Course can be dropped:
Yes

Visiting Students:
No

Last reviewed:
2/23/2017

Overview

This course will provide students with experience in community psychiatry on the south side of Chicago. Activities will include working with an assertive community treatment team, attending patient advocacy meetings with the instructor, and working with clinicians at a community mental health center.

Objectives

1. Evaluate patients who are uninsured or underinsured and provide them with high quality psychiatric care.
2. Understand the social, political, and cultural forces that shape community psychiatry.
3. Act as a physician leader of a community treatment team.

Evaluation

Evaluation will be based on the assessment of the instructor.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Schedule Notes**

Schedule arranged with faculty.

**Course Eligibility and Prerequisites**

**Max enrollment**

1

**Eligibility**

Fourth year

**Prerequisites**

Consent of Instructor
Clinical Neurosciences
2017-2018 academic year
PSCR 35000 | 50 units
Course Type: Elective - Non-clinical

Director:
Dr. Maureen Lacy
Primary Instructor:
Dr. Maureen Lacy 4-3930 mlacy@yoda.bsd.uchicago.edu
Contact:
Brandy Tyrpin  773-834-0373 btyrpin@yoda.bsd.uchicago.edu
Campus:
UCMC
Location on first day:
Arranged
Included in Lottery:
No
Included in MedReg:
Yes
Course can be dropped:
Yes
Visiting Students:
No
Last reviewed: 2/23/2017

Overview
This course provides medical students with a live introduction to neuropsychological assessment. Students may shadow neuropsychologists in Monday, Tuesday, Wednesday or Thursday clinics based on student availability. The majority of cases that will be observed in the clinic are referred from neurology, neurosurgery, oncology and psychiatry. These include Multiple Sclerosis, Concussion, CVA, CCM, Lymphomas, Chemobrain etc. Surgery cases include pre/post surgical epilepsy, deep brain stimulation, tumor resection, etc. Psychiatry referrals include dementia vs depression, learning disabilities, & attention deficits disorders. Neuroscience lectures (Fridays 10:30-12:00) and behavioral case conferences (Fridays 1pm-2:30) are open to students. Additional opportunities are available for direct participation in the neuropsychological assessments of children and surgery and WADA observations.

Objectives
To give students introductory knowledge of the clinical neurosciences and the technology of neuropsychological assessment. Students will learn about a) test selection and biases; b) observe test administration c) gain a better understanding of normative references d) learn common neurocognitive profiles associated with various dementias and medical conditions and e) learn to interpret the most salient aspects of the neuropsychological report.

Evaluation
Student will be evaluated by criteria established with the student as part of their individual program.

Schedules Offered
This course is offered on a Quarterly Basis during the following quarters:
Spring Quarter
Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
</table>


Schedule Notes

This course is offered on a Monthly or Bimonthly Basis during the following months: May

The schedule is flexible and can be individually arranged with the instructor.

Ideally students shadow on one half clinic day with optional additional tailored experiences.

Course Eligibility and Prerequisites

Max enrollment

3

Eligibility

First Year

Prerequisites

Consent of Electives Coordinator
Sub-Internship in Inpatient Psychiatry
2017-2018 academic year
PSCR 35500 | 150 units
Course Type: Sub-Internship

Director:
Dr. Luciana Ribeiro (LS) or Dr. Stehermaik (NS)
Primary Instructor:
Contact:
Brandy Tyrpin  773-834-0373 btyrpin@yoda.bsd.uchicago.edu
Campus:
Northshore
Location on first day:
Lakeshore Hospital NorthShore Hospital
Included in Lottery:
Yes
Included in MedReg:
Yes
Course can be dropped:
No
Visiting Students:
No
Last reviewed:
7/25/2017

Overview

Intensive work with psychiatric inpatients utilizing treatment modalities such as individual and group psychotherapy and psychopharmacology. Diagnosis and treatment planning will be emphasized. The student would have many of the same functions of a first year resident, including call, collaboration with many other disciplines such as psychology, nursing, social work, and activities therapy.

Objectives

To obtain increasing responsibility to assess, treat, and manage psychiatric patients in an inpatient setting.

Evaluation

Attendance, participation, and performance.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
July
August
September
October
November

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:
Schedule Notes

Times vary and will be arranged with instructor. Students enrolled will be required to take call.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year

Prerequisites

Consent of Electives Coordinator
Sub-Internship Consultation Liaison Psychiatry  
2017-2018 academic year  
PSCR 37100 | 150 units  
Course Type: Sub-Internship  

Director:  
Dr. Marie Tobin & Dr. Michael Marcangelo  

Primary Instructor:  
Dr. Michael Marcangelo 2-0667 mmarcang@yoda.bsd.uchicago.edu  
Dr. Marie Tobin 2-9721 mtobin@bsd.uchicago.edu  

Contact:  
Brandy Tyrpin  773-834-0373 btyrpin@yoda.bsd.uchicago.edu  

Campus:  
UCMC  

Location on first day:  
UC Department of Psychiatry Dr. Tobin's Office  

Included in Lottery:  
Yes  

Included in MedReg:  
Yes  

Course can be dropped:  
No  

Visiting Students:  
No  

Last reviewed:  
4/19/2017  

Overview  

The Psychosomatic service at the University of Chicago provides psychiatric evaluations and treatment for medically ill hospitalized patients. These services are performed by a team comprised of a psychiatrist (Dr. Tobin & Dr. Marcangelo) with a sub specialty certification in Psychosomatic Medicine, residents, social workers, and psychologists as needed. Medical students are active participants on the team. Participation in this team as an elective will afford the opportunity to learn about psychiatric symptoms as they exist in patients with significant co-morbid medical illness.  

As a member of the C/L team, the student will assume responsibility for evaluation of patients, performing the write-up, gathering collaborative information, formulation of a differential diagnosis and instituting a treatment plan in conjunction with the primary referring team. Call may be required.  

Objectives  

The student should be able to present to Dr. Tobin and Dr. Marcangelo cases that they saw on consult as a junior resident would. Students will respond to the C/L pager during the day Monday through Friday with our junior residents.  

Evaluation  

Students will be evaluated on performance during rounds which will involve presentation of the psychiatric cases consulted on. Students will be expected to write up consult cases and pull relevant literature related to cases for presentation in rounds. Students will work with residents and 3rd year medical students on rounds.  

Schedules Offered  

This course is offered on a Monthly Basis during the following months:  
January  
February  
March  
April  

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>AM</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Full-time daily; coverage of C/L pager daily. The student will be required to be on call overnight 4 times during the month long elective.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Adult Inpatient Psychiatry Elective
2017-2018 academic year
PSCR 38000 | 100 units

Course Type: Elective - Clinical

Director:
Dr. Luciana Ribeiro (LS) or Dr. Stehemaik (NS)

Primary Instructor:

Contact:
Brandy Tyrpin  773-834-0373 btyrpin@yoda.bsd.uchicago.edu

Campus:
UCMC and NorthShore

Location on first day:
Lakeshore Hospital NorthShore Hospital

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
2/23/2017

Overview

Intensive work with psychiatric inpatients utilizing treatment modalities such as individual and group psychotherapy and psychopharmacology. Diagnosis and treatment planning will be emphasized.

Objectives

The fourth year student should be able to present cases seen on the inpatient unit, the consult service, and in clinic. Students will round daily on the assigned service.

Evaluation

Students will be evaluated on their presentations and discussions of psychiatric cases. Students will be expected to write up cases and obtain and review relevant literature related to cases for presentation in rounds. Students will work with residents, fellows, and 3rd year medical students on rounds.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
July
August
September
October
November
December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

### Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>8:00-</td>
<td>8:00-</td>
<td>8:00-</td>
<td>8:00-</td>
<td>8:00-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

UCME and Mercy Hospital and NorthShore Healthcare

Location first day Mercy Hospital (Pat McMullin)

### Course Eligibility and Prerequisites

**Max enrollment**

1

**Eligibility**

- Fourth year
- Visiting Student (from LCME Accredited Medical Schools Only)

**Prerequisites**

Other: Completion of third year Clerkship
Research Opportunities Psychiatry  
2017-2018 academic year  
PSCR 40100 | VAR units  
Course Type: Research / Reading  

Director:  
Dr. Emil Coccaro  
Primary Instructor:  
Dr. Emil Coccaro 4-4083 ecoccaro@yoda.bsd.uchicago.edu  
Contact:  
Brandy Tyrpin 773-834-0373 btyrpin@yoda.bsd.uchicago.edu  
Campus:  
UCMC  
Location on first day:  
Arranged  
Included in Lottery:  
No  
Included in MedReg:  
No  
Course can be dropped:  
Yes  
Visiting Students:  
No  
Last reviewed:  
1/11/2016  

Overview  
A student can work with faculty members in the Department of Psychiatry on current research. The course is offered to qualified students for a full quarter by arrangement with the instructor. Students may wish to arrange an independent research project or participate in an on-going faculty project. A full list of faculty research interests is available in the Chairman of Psychiatry Office B-330 or call 4-4083.  

Objectives  
To introduce the student to current research activities of faculty and to teach basic approaches and skills essential to research in psychiatry.  

Evaluation  
Attendance, participation, and performance.  

Schedules Offered  
This course is offered on a Monthly Basis during the following months:  
January  
February  
March  
April  
May  
July  
August  
September  
October  
November  
December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes

Course schedule will be variable.

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Electives Coordinator
Research in Child Psychiatry
2017-2018 academic year
PSCR 41700 | VAR units
Course Type: Research / Reading

Director:
Dr. Karam Radwan
Primary Instructor:

Contact:
Brandy Tyrpin  773-834-0373 btyrpin@yoda.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Arranged

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
Yes

Visiting Students:
Yes

Last reviewed:
1/11/2016

Overview

Research experience for students interested in basic sciences, evaluation or treatment in child psychiatry, psychology and development. Preceptor will help students arrange for participation in ongoing projects.

Objectives

To provide an opportunity to do research and contribute to ongoing projects in child psychiatry.

Evaluation

Attendance, participation, and performance.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:
Schedule Notes

Hours and Schedule are variable.

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form. https://survey.cri.uchicago.edu/EFM/se.ashx?s=359EF85933091911

Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Visual Art and Medicine: Using Art to Explore the Practice of Medicine
2017-2018 academic year
PSCR 44000 | 50 units

Course Type: Elective - Non-clinical

Director:
Michael Christiano

Primary Instructor:
Michael Christiano 773-702-2351 mchristiano@uchicago.edu
Dr. Michael Marcangelo 2-0667 mmarcang@yoda.bsd.uchicago.edu

Contact:
Michael Christiano  773-702-2351 mchristiano@uchicago.edu

Campus:
UCMC

Location on first day:
Smart Museum TBA

Included in Lottery:
No

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
No

Last reviewed:
3/28/2016

Overview

This 8 session course aims to hone students' visualization and verbal articulation skills through art-based discussions. Art observation sessions will challenge students to develop deep observation skills while viewing a variety works of art at The University of Chicago's Smart Museum.

Exercises will guide students in considering ways they might use these observation skills in a clinical setting. Group discussions held during the second half of each session will require students to apply their new observation skills to original artwork created by themselves and their classmates for the class.

Art work assignments and discussions will explore themes integral to the practice of medicine and will prompt students to contemplate the art of medicine, as well as their training and identities as future physicians. Talks by guest faculty as well as live drawing classes will augment class sessions and increase students' engagement and learning.

Objectives

To hone students' observational skills

To build communication skills through observation, description, and analysis

To consider artwork as a tool to build empathy

To use art as a tool to discuss values in medicine

Evaluation

Required attendance

Active class participation

Completion of projects
There are weekly required readings as well as four required art projects.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:

April

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>5:00-8:00</td>
<td>-</td>
<td>5:00-8:00</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Course DATES TBA
Must attend all 8 sessions

Art and Medicine Resources on Reserve:
The Body in Contemporary Art by Sally O'Reilly
Medicine and art by Alan E.H. Emery and Marcia L.H. Emery
Medicine in art by Giorgio Bordin, Laura Polo D'Ambrosio
The Man Who Mistook his Wife for a Hat by Oliver Sacks
The Whole New Mind (Empathy) by Daniel Pink

**Course Eligibility and Prerequisites**

**Max enrollment**

20

**Eligibility**

First Year
Fourth year
Second Year

**Prerequisites**
The Interrelationship Between Clinical Psychoanalysis and Art
2017-2018 academic year
PSCR 45900 | 50 units

Course Type: Elective - Non-clinical

Director:  
Dr. Harry Trosman

Primary Instructor:  
Dr. Harry Trosman 2-6182 htrosman@yoda.bsd.uchicago.edu

Contact:  
Brandy Tyrpin  773-834-0373 btyrpin@yoda.bsd.uchicago.edu

Campus:  
UCMC

Location on first day: 
Call Dr. Trosman at 773-702-6182

Included in Lottery:  
Yes

Included in MedReg:  
Yes

Course can be dropped:  
Yes

Visiting Students:  
No

Last reviewed:  
2/23/2017

Overview

An interdisciplinary course dealing with the value of psychoanalysis in art, literature, and film. The purpose of the course is to explore the value of a psychoanalytic approach to the study of creativity and the arts and to use the findings of art to enhance our understanding of human psychology.

Freud's writings on the arts will be used as a theoretical baseline. A number of critical art figures such as Michelangelo, Munch and Van Gogh, will be explored. Students will be encouraged to do individual studies of particular works of art or artists in order to explore the contribution of the arts to psychoanalysis, clinical practice and theory.

Objectives

To gain an in-depth knowledge of individualized topics within applied psychoanalysis within the arts and topics related to Sigmund Freud, by means of guided readings, discussion, and research.

Evaluation

Attendance, participation, and performance.

Schedules Offered

This course is offered on a Quarterly Basis during the following quarters:

Winter Quarter

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Schedule Notes

Arranged with instructor. This is a 10 week course (approx) that starts in January.

Course Eligibility and Prerequisites

Max enrollment

4

Eligibility

Fourth year

Prerequisites

Consent of Electives Coordinator
Research in Neuropharmacology of Motivated Behavior
2017-2018 academic year
PSCR 46200 | VAR units
Course Type: Elective - Clinical

Director:
Dr. Paul Vezina

Primary Instructor:
Dr. Paul Vezina 2-2890 pvezina@yoda.bsd.uchicago.edu

Contact:
Brandy Tyrpin  773-834-0373 btyrpin@yoda.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Arranged

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
Yes

Visiting Students:
No

Last reviewed:
2/23/2017

Overview

The course offers research experience on one of the research projects currently pursued in the laboratory. Students gain hands-on experience with a number of neuroscience research techniques used in the laboratory. All research is conducted in the rat and generally involves testing of the consequences on specific motivated behaviors of different neuropharmacological interventions.

Objectives

Introduce students to basic animal research in neuropharmacology of behavior. Introduce students to different concepts in neuropharmacology and motivation as well as to the different experimental techniques used in the rat. These include the measurement of various behaviors, surgical preparation of rats (e.g., i.v. catheterization, intracranial implants), in vivo microdialysis and HPLC-EC.

Evaluation

Performance in the laboratory. Grade is Pass/Fail.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Electives Coordinator
Women's Mental Health
2017-2018 academic year
PSCR 47001 | 50 or 100 units
Course Type: Elective - Clinical

Director:
Marley Doyle, MD

Primary Instructor:
Marley Doyle, MD mdoyle2@northshore.org

Contact:
Brandy Tyrpin 773-834-0373 btyrpin@yoda.bsd.uchicago.edu

Campus:
Northshore

Location on first day:
NorthShore Psychiatry

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
Yes

Visiting Students:
Yes

Last reviewed:
3/10/2017

Overview

Women's mental health is a burgeoning field within psychiatry. It extends the collaborative care model to obstetrics and gynecology and allows women to receive timely, appropriate care in both the peripartum period and at other critical times. In this course, students will work with a psychiatrist who has completed a fellowship in women's mental health (Dr. Marley Doyle). They will see patients in the office and hospital setting with her and deepen their knowledge of psychopharmacology in pregnancy, diagnostic issues in psychiatry, and interdisciplinary care.

Objectives

Students will learn about the safe and effective use of psychiatric medications in pregnancy. Students will improve their psychiatric diagnostic skills with a particular emphasis on the presentation of key disorders in the peripartum period. Students will participate in the care of patients whose needs are interdisciplinary and learn best practices for delivering timely, effective care.

Evaluation

Students will receive a syllabus of key readings that they will be expected to complete during the rotation. They will be evaluated on their clinical skills and work directly with the course supervisor. They will give a scholarly presentation near the conclusion of the rotation on a topic of their choosing. Feedback will come from the course director and relate to their clinical skills, knowledge, and professionalism.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
July
August
September
This course is offered on a Bi-weekly (two week) Basis during the following months:
- January
- February
- March
- April
- July
- August
- September
- October
- November
- December

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites
Elective Child Psychiatry Psychosomatic Medicine
2017-2018 academic year
PSCR 48000 | 100 units

Course Type: Elective - Clinical

Director:
Khalid Afzal, MD

Primary Instructor:
Khalid Afzal, MD kafzal@uchicago.edu

Contact:
Brandy Tyrpin  773-834-0373 btyrpin@yodabsd.uchicago.edu

Campus:
UCMC

Location on first day:
W-407

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
Yes

Visiting Students:
No

Last reviewed:
2/23/2017

Overview

The Child Psychosomatic service here at the UCMC provides psychiatric evaluations and treatment for medically ill hospitalized children and adolescent patients. These services are performed by a team comprised of a psychiatrists (Dr. Afzal, Anam, a psychologist (Dr. Drossos), child psychiatry residents, and social workers as needed.

Participation in this team as an elective will afford the opportunity to learn about child and adolescent psychiatric symptoms as they exist in patients with significant co-morbid medical illness. As a member of the team, the student will assume responsibility for evaluation of patients, performing the write-up, gathering collaborative information, formulation of a differential diagnosis and instituting a treatment plan in conjunction with the primary referring team.

Objectives

The student should be able to present to Dr. Afzal and Dr. Drossos cases that they saw on consult as a junior resident would.

Evaluation

Students will be evaluated on performance during rounds which will involve presentation of the psychiatric cases consulted on. Students will be expected to write up consult cases and pull relevant literature related to cases for presentation in rounds. Students will work with other trainees on rounds.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
October
November
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>8:00 -12:00</td>
<td>8:00 -12:00</td>
<td>8:00 -12:00</td>
<td>8:00 -12:00</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>1:00 -6:00</td>
<td>1:00 -6:00</td>
<td>1:00 -6:00</td>
<td>1:00 -6:00</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year

Prerequisites

Pritzker Students Only
What Is Psychiatry? Advanced Topics
2017-2018 academic year
PSCR 49000 | 25 units
Course Type: Selective - Basic Science

Director: 
Dr. Michael Marcangelo

Primary Instructor: 
Dr. Michael Marcangelo 2-0667 mmarcang@yodabsd.uchicago.edu

Contact: 
Dr. Michael Marcangelo 773-702-0667 mmarcang@yodabsd.uchicago.edu

Campus: 
UCMC

Location on first day: 
Billings B-318

Included in Lottery: 
Yes

Included in MedReg: 
Yes

Course can be dropped: 
No

Visiting Students: 
No

Last reviewed: 
2/23/2017

Overview

The advent of the DSM-5 has reinvigorated discussion about the nature of psychiatric disease. Many authors have tackled the subject from a number of perspectives in an effort to clarify the issues and provide direction to practitioners. By the end of this course, students will have a better understanding of the history of psychiatric disorders and a broader array of tools by which they can diagnose and treat their patients.

Objectives

1. An improved knowledge of the history of psychiatric classification.
2. A deeper appreciation of the various ways in which patients with behavioral disorders can be diagnosed and treated.
3. Improved clinical reasoning skills in psychiatry.

Evaluation

1. Small group participation
2. Final brief presentation on some aspect of the course that the students wants to explore more deeply.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
February

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td></td>
<td>11:00-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PM  -  -  -12:30  -  -  -  -

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment
6

Eligibility
Fourth year

Prerequisites
Consultation Liaison Psychiatry Elective
2017-2018 academic year
PSCR 58000 | 100 units

Course Type: Elective - Clinical

Director:
Dr. Marie Tobin & Dr. Michael Marcangelo

Primary Instructor:
Dr. Michael Marcangelo 2-0667 mmarcang@yodabsd.uchicago.edu

Contact:
Brandy Tyrpin 773-834-0373 btyrpin@yoda.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
C/L Work Room M-361

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
Yes

Visiting Students:
Yes

Last reviewed:
2/23/2017

Overview

The Psychosomatic service at the University of Chicago provides psychiatric evaluations and treatment for medically ill hospitalized patients. These services are performed by a team comprised of a psychiatrist (Dr. Marcangelo & Dr. Tobin) with a sub specialty certification in Psychosomatic Medicine, residents, social workers, and psychologists as needed.

Medical students are active participants on the team. Participation in this team as an elective will afford the opportunity to learn about psychiatric symptoms as they exist in patients with significant co-morbid medical illness. As a member of the C/L team, the student will assume responsibility for evaluation of patients, performing the write-up, gathering collaborative information, formulation of a differential diagnosis and instituting a treatment plan in conjunction with the primary referring team.

Objectives

The student should be able to present to Dr. Tobin and Dr. Marcangelo cases that they saw on consult as a junior resident would. Students will respond to the C/L pager during the day Monday through Friday with our junior residents.

Evaluation

Students will be evaluated on performance during rounds which will involve presentation of the psychiatric cases consulted on. Students will be expected to write up consult cases and pull relevant literature related to cases for presentation in rounds. Students will work with residents and 3rd year medical students on rounds.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment
1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Radiology
Fourth Year
Electives

2017-2018
Interventional Radiology
2017-2018 academic year
RADI 45000 | 100 units
Course Type: Elective - Clinical

Director:
Dr. Rakesh Navuluri

Primary Instructor:
Dr. Rakesh Navuluri 773-702-3844 RNavuluri@radiology.bsd.uchicago.edu

Contact:
Laura Pawlak lpawlak@radiology.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
CCD 5 West (5-195)

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
Yes

Visiting Students:
Yes

Last reviewed:
4/3/2017

Overview

The Vascular and Interventional Radiology rotation is a month long course which provides exposure to all aspects of vascular and interventional radiology including care of patients in an ambulatory clinic, management of inpatients, as well as exposure to a broad spectrum of procedures.

Objectives

The primary goal of the Vascular & Interventional Radiology rotation at the University of Chicago is to introduce medical students to the specialty of vascular & interventional radiology (VIR).

Upon completion of the rotation, students should also:

1) Acquire knowledge of established and evolving sciences pertinent to the subspecialty of VIR (this includes an understanding of the anatomy, physiology, disease processes and physics of diagnostic imaging) and apply this knowledge to patient care.

2) Develop an understanding of the role of the interventional radiologist in the health care system.

3) Develop interpersonal and communication skills that allow timely and effective written and verbal exchange of information between the interventional radiologist and other members of the healthcare team, and, between the interventional radiologist and the patient.

4) Develop a commitment to carrying out professional responsibilities and adhering to ethical principles.

5) Develop skills and habits that allow for effective appraisal and assimilation of scientific evidence.

Evaluation

Final grades for the rotation will be based on 2 components:

1) Students will be evaluated by the VIR faculty using a grading system based on the well-established ACGME endorsed general...
competencies (patient care, medical knowledge, practice based learning, interpersonal and communication skills, professionalism, and systems-based practice).

2) Students will be required to give a 12-15 minute case presentation during the weekly Thursday morning VIR section conference.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>8:00-</td>
<td>8:00-</td>
<td>8:00-</td>
<td>8:00-</td>
<td>8:00-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-4:00</td>
<td>-4:00</td>
<td>-4:00</td>
<td>-4:00</td>
<td>-4:00</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

3rd year students must have completed and passed either the Medicine or Surgery clerkship to be eligible for the RAD450 course.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Completed and passed 3rd year Medicine or Surgery clerkship
Consent of Instructor
### Overview

This course is targeting senior medical students with an interest in advanced medical imaging not already covered in the core clerkship experience. Each experience is individualized to the student and not infrequently results in a publication or presentation, yet this endpoint is not required. The goal is for a student to have the opportunity to address a more specific medical imaging interest and work closely with a faculty sponsor in developing an experience.

Although some students participate in imaging research, many have focused on more practical skills or personal understanding. If research is an endpoint, responsibilities may include data collection, and evaluation, as well as the fundamentals of scientific journalism. If not, a series of practical experience with reading of primary materials needs to be developed in advance of approval.

The overall specifics of the project or topics covered, along with credit assigned, is determined on a case by case basis with the course director Dr. Straus. This course will not necessarily require full time and may be integrated into other courses.

1) Acquire knowledge and greater understanding in a specific subspecialty or topic of research within the field of Diagnostic Radiology (this includes an understanding of the anatomy, physiology, disease processes and physics of diagnostic imaging) and its application to patient care.

2) Develop a more advanced understanding of the role of diagnostic radiology in the health care system.

3) Develop skills and habits that allow for effective appraisal and assimilation of scientific evidence.

### Objectives

To acquaint the student with either more advanced understanding on a subspecialized topic regarding medical imaging or research opportunities in the field.

### Evaluation

Based upon participation and completion of the plan developed. A final summary report and/or publication will be required when appropriate.
Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td>-</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>-</td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td>-</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Maximum 1 month.

Arranged with instructor through coordinator. Contact Laura Pawlak for registration (4-9980). This elective is based on a project arranged individually working with a Radiology clinician or research physicist.

Initial consultation and approval with Dr. Straus. At that time a one page proposal will be created and approved.

Visiting students are eligible August through March

Course Eligibility and Prerequisites

Max enrollment
10

Eligibility
Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites
- Consent of Electives Coordinator
- Consent of Instructor
Radiation Oncology
Fourth Year
Electives

2017-2018
Clinical Radiation Oncology
2017-2018 academic year
RCN 36900 | 100 units
Course Type: Elective - Clinical

Director:
Dr. Daniel Golden

Primary Instructor:
Daniel Golden, MD dgolden@radonc.uchicago.edu

Contact:
Anil Lal alal@radonc.uchicago.edu

Campus:
UCMC

Location on first day:
Suite 1D

Included in Lottery:
Yes

Included in MedReg:
No

Course can be dropped:
Yes

Visiting Students:
Yes

Last reviewed:
10/2/2017

Overview

The goal of this clinical rotation is for medical students to learn the fundamentals of radiation oncology. Students can use this rotation as an opportunity to explore the specialty as a possible career choice. Students interested in gaining a deeper understanding of oncology care but not planning to pursue radiation oncology will find this course useful to understand radiation oncology as a specialty and therefore better be able to coordinate and deliver optimal multi-disciplinary care and counsel future patients. During the rotation, students work with attendings (https://radonc-sites.uchicago.edu/page/faculty-0) who specialize in treatment of a variety of disease sites and their residents for one week at a time. Students actively participate in the work-up, evaluation, and development of radiation treatment recommendations for patients seen in consultation for both curative and palliative intent. Students will learn basics of obtaining informed consent for radiation and participate in end-of-life or goals of care discussions. Students attend weekly departmental chart rounds, morning reports, procedures (brachytherapy or radiosurgery), and multi-disciplinary tumor boards. Students are also encouraged to participate in patient simulations, treatment planning and dosimetry, and radiation treatments.

Students participate in a formal didactic curriculum which includes lectures on fundamentals of radiation oncology, radiation biology and physics, radiation emergencies, and patient set-up and immobilization. Additionally, students complete hands-on treatment planning and contouring workshops with a faculty or senior resident preceptor.

Students are encouraged to participate in a clinical, basic science, or physics research project. Projects are chosen with and supervised by the course instructor or other department faculty. Topics may include disease outcomes, radiation sequelae, radiation biology, or physics.

Objectives

By the end of this course students should understand:
- The basic flow and structure of a radiation oncology clinic
- The basic history of radiation oncology as a medical specialty
- How radiation oncology optimally integrates into multi-disciplinary cancer care
- How to clinically evaluate patients with cancer
- How to develop a clinical oncology treatment recommendation
- The importance of using evidence to determine treatment recommendations
- Early and late sequelae of radiation therapy
- Basics of radiation oncology clinical emergencies
- Basic radiation biology and physics
- Fundamentals of patient immobilization and simulation
- Basics of developing and evaluating a radiation treatment plan

**Evaluation**

Students will be evaluated on their interaction with staff and patients, and case presentations.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

**Weekly schedule:**

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td>-</td>
<td>8:00 -</td>
<td>8:00 -</td>
<td>8:00 -</td>
<td>8:00 -</td>
<td>8:00 -</td>
<td>-</td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td>-</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

**Course Eligibility and Prerequisites**

**Max enrollment**

3

**Eligibility**

- Fourth year
- Visiting Student (from LCME Accredited Medical Schools Only)

**Prerequisites**

Consent of Instructor
Advanced Clinical Radiation Therapy
2017-2018 academic year
RCON 37400 | 100 units
**Course Type:** Elective - Clinical

**Director:**
Dr. Daniel Golden

**Primary Instructor:**
Daniel Golden, MD dgolden@radonc.uchicago.edu

**Contact:**
Anil Lal alal@radonc.uchicago.edu

**Campus:**
UCMC

**Location on first day:**
Suite 1D

**Included in Lottery:**
Yes

**Included in MedReg:**
No

**Course can be dropped:**
Yes

**Visiting Students:**
Yes

**Last reviewed:**
10/2/2017

---

**Overview**

This course is designed for students desiring a more in-depth understanding of the various methods of radiation therapy, the efficacy of such treatment, and the role of radiation in clinical oncology. Associated with this program the student can elect to study some mammalian radiobiology and tumor radiobiology. Some students have taken a particular clinical entity and done a thorough survey of the literature and then correlated clinical outcomes with this literature search.

---

**Objectives**

To provide students with in-depth knowledge of specialized topics in radiation oncology.

---

**Evaluation**

Students will be evaluated on their interaction with staff and patients, and the quality of their work on selected topics.

---

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>8:00</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

4

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Research in Radiation Oncology
2017-2018 academic year
RCON 41500 | VAR units
Course Type: Elective - Clinical

Director:
Dr. Ralph Weichselbaum
Primary Instructor:
Dr. Ralph Weichselbaum 2-0817 rrw@radonc.uchicago.edu
Contact:
Anil Lal alal@radonc.uchicago.edu
Campus:
UCMC
Location on first day:
Suite 1D
Included in Lottery:
No
Included in MedReg:
No
Course can be dropped:
No
Visiting Students:
No
Last reviewed:
10/2/2017

Overview
This course is designed to familiarize the student with the various methods of radiation therapy, the efficacy of such treatment, and clinical, translational, or bench research methods relating to radiation therapy. The student can elect to study some mammalian radiobiology and tumor radiobiology. Some students have taken a particular clinical entity and done a thorough survey of the literature and then correlated clinical outcomes with this literature search.

Objectives
To learn research methods relating to radiation oncology.

Evaluation
Pass/Fail for completion

Schedules Offered
This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
July
August
September
October
November
December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>8:00-</td>
<td>8:00-</td>
<td>8:00-</td>
<td>8:00-</td>
<td>8:00-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

6

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Surgery
Fourth Year
Electives

2017-2018
Sub-Internship in General Surgery - A Service
2017-2018 academic year
SURG 30801 | 150 units
Course Type: Sub-Internship

Director:
  Dr. Kevin Roggin

Primary Instructor:
  Dr. Kevin Roggin
  2-6337 krogin@surgery.bsd.uchicago.edu

Contact:
  Susan Chambers
  773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
  UCMC

Location on first day:
  TBA

Included in Lottery:
  Yes

Included in MedReg:
  Yes

Course can be dropped:
  No

Visiting Students:
  Yes

Last reviewed:
  3/6/2017

Overview

The student is invited to become an integral part of a general surgery service and gain experience in the evaluation, operative, and pre and post-operative care of a surgical patient. The student will make daily work rounds and teaching rounds with the staff and attend the outpatient clinic.

Objectives

Understand the clinical presentation and management of patients with small bowel obstruction, peptic ulcer disease, jaundice, colorectal cancer, acute abdomen, breast cancer, hernias, and gastrointestinal hemorrhage.

Evaluation

Pass/Fail - Evaluation based on fund of knowledge and clinical performance. Maximum 1 month.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
  January
  February
  March
  April
  May
  June
  July
  August
  September
  October
  November
  December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

See instructor for time to report to service and schedule arrangements.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Sub-Internship in General Surgery - A Service
2017-2018 academic year
SURG 30801 | 150 units
Course Type: Sub-Internship

Director:
Dr. Kevin Roggin

Primary Instructor:
Dr. Kevin Roggin 2-6337 krogin@surgery.bsd.uchicago.edu

Contact:
Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
TBA

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview

The student is invited to become an integral part of a general surgery service and gain experience in the evaluation, operative, and pre and post-operative care of a surgical patient. The student will make daily work rounds and teaching rounds with the staff and attend the outpatient clinic.

Objectives

Understand the clinical presentation and management of patients with small bowel obstruction, peptic ulcer disease, jaundice, colorectal cancer, acute abdomen, breast cancer, hernias, and gastrointestinal hemorrhage.

Evaluation

Pass/Fail -Evaluation based on fund of knowledge and clinical performance. Maximum 1 month.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
July
August
September
October
November
December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

See instructor for time to report to service and schedule arrangements.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Sub-Internship in General Surgery - C Service
2017-2018 academic year
SURG 30803 | 150 units
Course Type: Sub-Internship

Director:
   Dr. Mustafa Hussain
Primary Instructor:
   Dr. Mustafa Hussain 2-6337 mhusain@surgery.bsd.uchicago.edu
Contact:
   Susan Chambers 773-702-6337 schamber@surgery.bsd.uchicago.edu
Campus:
   UCMC
Location on first day:
   TBA
Included in Lottery:
   Yes
Included in MedReg:
   Yes
Course can be dropped:
   No
Visiting Students:
   Yes
Last reviewed:
   3/6/2017

Overview

The student is invited to become an integral part of a general surgery service and gain experience in the evaluation, operative and pre and post-operative care of a surgical patient. The student will make daily work rounds and teaching round with the staff and attend the outpatient clinic.

Objectives

Understand the clinical presentation and management of patients with small bowel obstruction, peptic ulcer disease, jaundice, colorectal cancer, acute abdomen, breast cancer, hernias, and gastrointestinal hemorrhage.

Evaluation

Pass/Fail - Evaluation based on fund of knowledge and clinical performance. Credits are determined by how much time is spent on the surgery service. Maximum one month.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
   January
   February
   March
   April
   May
   June
   July
   August
   September
   October
   November
   December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

See instructor for time to report to service and schedule arrangements. Students will be on the surgery service. They may have an 8-10 hour day.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Sub-Internship in General Surgery - D Service
2017-2018 academic year
SURG 30804 | 150 units
Course Type: Sub-Internship

Director:
   Dr. Lisa Cannon
Primary Instructor:
   Dr. Lisa Cannon lcannon@surgery.bsd.uchicago.edu
Contact:
   Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu
Campus:
   UCMC
Location on first day:
   TBA
Included in Lottery:
   Yes
Included in MedReg:
   Yes
Course can be dropped:
   No
Visiting Students:
   Yes
Last reviewed:
   3/6/2017

Overview

The student is invited to become an integral part of a general surgery service and gain experience in the evaluation, operative and pre and post-operative care of a surgical patient. The student will make daily work rounds with the staff and attend the outpatient clinic.

Objectives

Understands the clinical presentation and management of patients with small bowel obstruction, peptic ulcer disease, jaundice, colorectal cancer, acute abdomen, breast cancer, hernias, and gastrointestinal hemorrhage.

Evaluation

Pass/Fail - Evaluation based on fund of knowledge and clinical performance. Credits are determined by how much time is spent on the surgery service. Maximum one month

Schedules Offered

This course is offered on a Monthly Basis during the following months:
   January
   February
   March
   April
   May
   June
   July
   August
   September
   October
   November
   December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes

See instructor for time to report to service and schedule arrangements. Students will be on the surgery service. They may have an 8-10 hour day.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Consent of the Department
General Surgery Outpatient Service
2017-2018 academic year
SURG 30900 | 100 units
Course Type: Elective - Clinical

Director:
Dr. Kevin Roggin

Primary Instructor:
Dr. Kevin Roggin 2-6337 kroggin@surgery.bsd.uchicago.edu

Contact:
Susan Chambers 773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
TBA

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview

The student will attend outpatient clinics with all General Surgery Services. This will provide ambulatory experience with patients requiring abdominal, endocrine, laparoscopic, or oncologic surgery in eight half day clinics per week.

Objectives

To provide intense exposure of students to general surgery service.

Evaluation

Attendance, participations, and clinical performance. Full-time 100 credits.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.
Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Sub-Internship: General Surgery - NorthShore
2017-2018 academic year
SURG 31001 | 150 units
Course Type: Sub-Internship

Director:
Dr. Marshall Baker
Primary Instructor:
Dr. Marshall Baker mbaker3@northshore.org
Contact:
Maria Vartelas 847-570-2461 mvartelas@northshore.org
Campus:
Northshore
Location on first day:
NorthShore University Health, Evanston, IL - Contact Faculty
Included in Lottery:
Yes
Included in MedReg:
Yes
Course can be dropped:
No
Visiting Students:
Yes
Last reviewed:
2/24/2017

Overview

The student is invited to become an integral part of a busy general surgery service that focuses on the care of patient with complex benign and malignant pancreaticobiliary and liver pathology. The student is expected to gain experience in the evaluation, operative and pre and post operative care of surgical patients with cholecystitis, pancreatitis, hepatolithiasis, gastric, pancreatic, biliary and liver tumors. The student will make daily work rounds and teaching rounds with staff and attend the outpatient clinic.

Objectives

Understand the clinical presentation and management of patients with a variety of symptoms involving the general surgery service but specifically to develop an understanding of the surgical management of patients with benign condition of the liver, pancreas and biliary system and pancreaticobiliary malignancy.

Evaluation

Pass / Fail – Evaluation based on fund of knowledge and clinical performance. Credits are determined by how much time is spent on the surgery service. Maximum of 1 month.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

See instructor for time to report and schedule arrangements. Students will be on the surgery service. They may have an 8 – 10 hour day.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Breast Surgical Oncology
2017-2018 academic year
SURG 31100 | 100 units
Course Type: Elective - Clinical

Director:
Dr. Nora Jaskowiak

Primary Instructor:
Dr. Nora Jaskowiak njaskowi@surgery.bsd.uchicago.edu

Contact:
Dr. Nora Jaskowiak 773-702-2749 njaskowi@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
TBA

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
Yes

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview

This is a one-month elective in Breast Surgical Oncology in conjunction with the University of Chicago Breast Center. The student will function as a physician with the breast center which accommodates patients for diagnosis and treatment of breast cancer five days a week. The activities not only include the surgical management of these patients emphasized within an outpatient setting of the center and within the ambulatory surgery center but also involvement within the breast imaging facility of the breast center. The student should therefore be comprehensively involved in the evaluation, diagnosis (clinical and radiologic), and treatment (surgical) of breast cancer. Daily activities would include evaluating patients in the clinical breast center while learning certain techniques of biopsies in an outpatient setting (FNA, needle core biopsy, etc.), interacting with radiologists in the imaging center while learning hands-on techniques (breast ultrasound) and following through the surgical management of their patients participating in those surgeries on a level commensurate to the students level of comfort and experience. The student should gain enough of an understanding to clinically evaluate patients, develop a treatment plan, and present their patients (if diagnosed with cancer) at the weekly multi-disciplinary breast conference. By the end of the rotation the student should feel comfortable with the basic management of breast cancer within a multi-disciplinary setting. Opportunities for some clinical research may be possible based on the student's interest.

Objectives

To participate in the diagnosis management and treatment of patients within the Breast Center To develop an understanding of breast cancer including diagnosis and treatment with an emphasis of multi-disciplinary approach (surgery, radiology, radiation oncology, medical oncology). To be clinically comfortable functioning within a outpatient clinic and an ambulatory surgery setting. To develop skills of outpatient biopsy techniques (needle aspiration, core biopsy), of hands-on breast imaging and of certain surgical procedures (excisional biopsy, etc). To participate in important meetings pertinent to surgical oncology (weekly breast conference, monthly surgical oncology conference, weekly tumor conference, etc.)

Evaluation

Performance will be assessed on the student's participation in the activities with the center. Critical analysis will be place on the students ability to evaluate patients clinically, develop a differential diagnosis and treatment plan. Also the level of maturity of that student (e.g. can the student present and discuss that patient at breast conference?) will be evaluated.

Schedules Offered
This course is offered on a Monthly Basis during the following months:

January
February
March
April
May
June
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Surgical Oncology - NorthShore  
2017-2018 academic year  
SURG 31300 | 100 units  
Course Type: Elective - Clinical

Director:  
Dr. David J. Winchester  
Primary Instructor:  
Contact:  
Maria Vartelas  847-570-2461 mvartelas@northshore.org  
Campus:  
Northshore  
Location on first day:  
NorthShore Evanston Hospital  
Included in Lottery:  
Yes  
Included in MedReg:  
Yes  
Course can be dropped:  
No  
Visiting Students:  
Yes  
Last reviewed:  
2/24/2017

Overview

Students will work closely with surgical oncologists in the detection, evaluation, surgical treatment, and post-operative care of surgical oncology patients. The rotation will include pre and postoperative evaluation of patients in the ambulatory and inpatient settings. Structured teaching rounds will be arranged with the surgical oncologists.

Goals

Understand the basic concepts of surgical oncology, with a particular focus on breast, endocrine, sarcoma, and melanoma.

Objectives

- Screening, prevention, and detection of breast cancer.
- Diagnostic evaluation and treatment of breast cancer, melanoma, sarcomas, thyroid cancer, and endocrine diseases.
- Understanding of adjuvant therapy for breast cancer, thyroid cancer, sarcoma, and melanoma.

Evaluation

The standard University of Chicago student evaluation form will be completed by the Clerkship Director and will include feedback from faculty with whom student worked during the rotation.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January  
February  
March  
April  
May  
July
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-6:00</td>
<td>-6:00</td>
<td>-6:00</td>
<td>-6:00</td>
<td>-6:00</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

**Responsibilities**

- Morning rounds with chief resident and surgical team
- Prepare for cases in the Operating Room, i.e., read material related to the diseases being treated prior to cases
- Case presentations and literature searches
- Assist in the coordination of patient care
- Attend outpatient clinics one full day or two half days per week
- Attend required conferences

**Course Eligibility and Prerequisites**

**Max enrollment**

2

**Eligibility**

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

**Prerequisites**

Consent of Electives Coordinator
Readings in General Surgery - A Service
2017-2018 academic year
SURG 31401 | VAR units
Course Type: Research / Reading

Director:
Dr. Kevin Roggin

Primary Instructor:
Dr. Kevin Roggin 2-6337 kroggin@surgery.bsd.uchicago.edu

Contact:
Susan Chambers 773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
TBA

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
Yes

Visiting Students:
No

Last reviewed:
3/6/2017

Overview
Selected readings in general surgery.

Objectives
Directed readings with members of the Surgery Staff as individually arranged. The purpose of this course is to improve the student's ability to read the literature and discuss the topics and develop a presentation or paper.

Evaluation
Pass/Fail - Students evaluated by instructor.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time
Schedule Notes

Arranged with instructor.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Electives Coordinator
**Readings in General Surgery - B Service**

2017-2018 academic year  
SURG 31402 | VAR units

**Course Type:** Research / Reading

**Director:**  
Dr. Nora Jaskowiak

**Primary Instructor:**  
Dr. Nora Jaskowiak njaskowi@surgery.bsd.uchicago.edu

**Contact:**  
Dr. Nora Jaskowiak  773-702-2749 njaskowi@surgery.bsd.uchicago.edu

**Campus:**  
UCMC

**Location on first day:**  
TBA

**Included in Lottery:**  
No

**Included in MedReg:**  
No

**Course can be dropped:**  
Yes

**Visiting Students:**  
No

**Last reviewed:**  
3/6/2017

---

**Overview**

Selected readings in general surgery.

**Objectives**

Directed readings with members of the Surgery Staff as individually arranged. The purpose of this course is to improve the student's ability to read the literature and discuss the topics and develop a presentation or paper.

**Evaluation**

Pass/Fail - Students evaluated by instructor.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:

- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:
## Schedule Notes

Arranged with instructor.

## Course Eligibility and Prerequisites

### Max enrollment

2

### Eligibility

Fourth year

### Prerequisites

Consent of Instructor
Readings in General Surgery - C Service
2017-2018 academic year
SURG 31403 | VAR units
Course Type: Research / Reading

Director:
Dr. Mustafa Hussain

Primary Instructor:
Dr. Mustafa Hussain hussainm@uchicago.edu

Contact:
Dr. Mustafa Hussain hussainm@uchicago.edu

Campus:
UCMC

Location on first day:
TBA

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
Yes

Visiting Students:
No

Last reviewed:
3/6/2017

Overview

Selected readings in general surgery.

Objectives

Directed reading with members of the Surgery Staff as individually arranged. The purpose of this course is to improve the student's ability to read the literature and discuss the topics and develop a presentations or paper.

Evaluation

Pass/Fail - Students evaluated by instructor.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:
Schedule Notes

Arranged with instructor.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Readings in General Surgery - D Service
2017-2018 academic year
SURG 31404 | VAR units

Course Type: Research / Reading

Director:
Dr. Lisa Cannon

Primary Instructor:
Dr. Lisa Cannon lcannon@surgery.bsd.uchicago.edu

Contact:
Dr., Mukta Krane mkatdare@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
TBA

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
Yes

Visiting Students:
No

Last reviewed:
3/6/2017

Overview
Selected readings in general surgery.

Objectives
Directed reading with members of the Surgery staff as individually arranged. The purpose of this course is to improve the student's ability to read the literature and discuss the topics and develop a presentation or paper.

Evaluation
Pass/Fail - Students evaluated by instructor.

Schedules Offered
This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:
Schedule Notes

Arranged with instructor.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Research in General Surgery
2017-2018 academic year
SURG 31500 | VAR units
Course Type: Research / Reading

Director:
General Surgery Faculty
Primary Instructor:
Contact:
Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu
Campus:
UCMC
Location on first day:
TBA
Included in Lottery:
No
Included in MedReg:
No
Course can be dropped:
No
Visiting Students:
Yes
Last reviewed:
3/6/2017

Overview

Students are encouraged to undertake a research project under the supervision of the surgery faculty. Ideas for projects should be carefully thought out with the assistance of the faculty member and arrangements made on an individual basis depending on the scope of the individual work.

Objectives

Students with no research experience beginning to work in laboratories should understand the basic concepts of Cancer Biology, Oncogenes, Tumor Suppressors, DNA damage/repair, cell cycle regulation and checkpoints, Signal Transduction Pathways, Genome Regulation. Students should also understand the logic of experimental methodology, and be able to evaluate data critically.

Evaluation

Pass/Fail will be based on the students performance in the laboratory.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Sub-Internship in Cardiac Surgery
2017-2018 academic year
SURG 32100 | 150 units
Course Type: Sub-Internship

Director:
Dr. Valluvan Jeevanandam

Primary Instructor:
Dr. Valluvan Jeevanandam jeevan@uchicago.edu

Contact:
Susan Chambers 773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
TBA

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview

The student will have close association with several attending cardiac surgeons and be present in the operating room for important portions of many cardiac operations. In addition, the student will be able to evaluate patients preoperatively and follow them postoperatively; thereby learning the essentials of cardiac diagnosis and postoperative organ system care.

Objectives

An introduction to cardiac surgical physiology techniques of cardiac surgery, and techniques of postoperative care.

Evaluation

Pass/Fail. Minimum 1 month and maximum 1 quarter

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time
Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Arranged with instructor.

**Course Eligibility and Prerequisites**

**Max enrollment**

2

**Eligibility**

- Fourth year
- Visiting Student (from LCME Accredited Medical Schools Only)

**Prerequisites**

Consent of Electives Coordinator
Readings in Cardiac Surgery
2017-2018 academic year
SURG 32200 | VAR units
Course Type: Research / Reading

Director:
Dr. Valluvan Jeevanandam
Primary Instructor:
Dr. Valluvan Jeevanandam  jeevan@uchicago.edu
Contact:
Dr. Valluvan Jeevanandam  773-834-4848  jeevan@uchicago.edu
Campus:
UCMC
Location on first day:
TBA
Included in Lottery:
No
Included in MedReg:
No
Course can be dropped:
Yes
Visiting Students:
No
Last reviewed:
3/6/2017

Overview

Direct readings with members of the Cardiac Staff as individually arranged.

Objectives

The purpose of this course is to improve the student's ability to read the literature and discuss the topics and develop a presentation or paper.

Evaluation

Pass/Fail - Students evaluated by instructor.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
May
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Schedule Notes

Course only offered in May, November, and December.

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Research in Cardiac Surgery
2017-2018 academic year
SURG 32300 | VAR units
Course Type: Research / Reading

Director:
Dr. Valluvan Jeevanandam

Primary Instructor:
Dr. Valluvan Jeevanandam  jeevan@uchicago.edu

Contact:
Dr. Valluvan Jeevanandam  773-834-4848  jeevan@uchicago.edu

Campus:
UCMC

Location on first day:
TBA

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
No

Visiting Students:
No

Last reviewed:
3/6/2017

Overview

Students are encouraged to undertake a research project under the supervision of the cardiac faculty. Ideas for projects should be carefully thought out with the assistance of the faculty member and arrangements made on an individual basis depending on the scope of the individual work.

Objectives

1. At the completion of this rotation, sub-interns should be able to
2. Communicate effectively with patients, family members, colleagues and support staff.
3. Know how to coordinate patient care, including proper utilization of consultants and allied health professionals, and effective sign out of patients.
4. Demonstrate proficiency in the accurate and timely acquisition, organization, documentation and transfer of clinical information.
5. Assess and treat inpatients who present with or develop the following problem

A. Abdominal Pain
B. Acute Gastrointestinal Bleeding
C. Acute Pulmonary Edema
D. Acute Renal Failure
E. Altered Mental Status
F. Arrhythmias
G. Chest pain
H. Drug Withdrawal
I. Electrolyte Disorders
J. Fever
K. Glycemic Control
L. Hypertensive Emergencies
M. Nausea and Vomiting
N. Pain Management
O. Seizures
P. Shock
Evaluation

Performance will be evaluated on a pass, fail system.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Comprehensive Course in Neurosurgery
2017-2018 academic year
SURG 33000 | 50 units
Course Type: Elective - Clinical

Director:
Dr. Javad Hekmatpanah
Primary Instructor:
Dr. Javad Hekmatpanah jhekmatp@surgery.bsd.uchicago.edu
Contact:
Dr. Javad Hekmatpanah jhekmatp@surgery.bsd.uchicago.edu
Campus:
UCMC
Location on first day:
TBA
Included in Lottery:
Yes
Included in MedReg:
Yes
Course can be dropped:
Yes
Visiting Students:
Yes
Last reviewed:
3/6/2017

Overview

Neurosurgery as seen in the outpatient clinics, the hospital wards, and the operating room. This includes tutorial and seminar teaching, Morning rounds 6:15 -7:15am and evening rounds 4:30pm. Outpatient clinics four mornings a week from 9-12. In the clinics there is usually a good deal of clinical material for teaching. The students are not expected to work up new patients, but they are given the opportunity to do so. This enables the student to discuss and to see the majority of the patients with the staff. The findings are correlated with the laboratory and neuroradiologic studies. Neurosurgery conferences take place on the following days:

1. Wednesdays at 7:15am; special diagnostic problems are discussed with the entire staff
2. Mondays and Tuesdays at 6:30am for basic neuroscience conference
3. Every other Tuesday at 4pm neuro-oncology conference
4. For those who are taking the course for more than a month, clinical or laboratory research is encouraged.

Objectives

To learn research design and techniques and to gain substantial knowledge of a particular infectious disease.

Evaluation

Performance will be evaluated on a pass, fail system.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor.

Course Eligibility and Prerequisites

Max enrollment

3

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Neurosurgery Clinic
2017-2018 academic year
SURG 33100 | 50 units
Course Type: Elective - Clinical

Director:
Dr. Javad Hekmatpanah
Primary Instructor:
Dr. Javad Hekmatpanah jhekmatp@surgery.bsd.uchicago.edu
Contact:
Susan Chambers 773-702-6337 schamber@surgery.bsd.uchicago.edu
Campus:
UCMC
Location on first day:
TBA
Included in Lottery:
Yes
Included in MedReg:
Yes
Course can be dropped:
Yes
Visiting Students:
Yes
Last reviewed:
3/6/2017

Overview
For the students who are interested in taking a shorter course in Neurosurgery. They might register only for the clinics. The clinics meet 4 mornings per week. Courses are offered from one morning to four mornings per week. During the course the new and returning patients are discussed with review of diagnostic studies.

Objectives
To provide neurosurgical exposure to students in all aspects of patient care.

Evaluation
Performance will be evaluated on a pass, fail system. Minimum 1 month for 50 credits and maximum 3 months.

Schedules Offered
This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.
Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment
1

Eligibility

Fourth year
Third Year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Readings in Neurosurgery
2017-2018 academic year
SURG 33300 | VAR units
Course Type: Research / Reading

Director:
Dr. Javad Hekmatpanah
Primary Instructor:
Dr. Javad Hekmatpanah jhekmatp@surgery.bsd.uchicago.edu
Contact:
Dr. Javad Hekmatpanah jhekmatp@surgery.bsd.uchicago.edu
Campus:
UCMC
Location on first day:
TBA
Included in Lottery:
No
Included in MedReg:
No
Course can be dropped:
No
Visiting Students:
No
Last reviewed:
3/6/2017

Overview

Selected readings in Neurosurgery.

Objectives

Goals
- To broaden the student’s clinical experience in obstetrics and gynecology, including exposure to outpatient specialty procedures (e.g., antepartum fetal diagnostics, colposcopy, minor and outpatient surgical procedures).
- Include the student as an integral member in the patient-care team for inpatient care of low and high risk obstetric and gynecologic surgical patients.
- Increase the student’s ability in independent decision making and the clinical approach to inpatient care.
- Introduce the student to ambulatory outpatient ob-gyn care through the hospital service clinics as well as in the private office setting through the mentor program.

Objectives

Students will acquire the basic ability to:
- Perform a competent history and physical examination with emphasis on women’s health issues, including menstrual, reproductive, sexual, social and risk factor histories.
- Develop a differential and diagnostic plan based on patient presentations and clinical findings.
- Develop an evidence-based treatment plan that is derived from diagnostic findings and published standards of care.
- Instruct and manage patients in contraceptive methods and alternatives.
- Manage the menopausal patient: counseling patients about cessation of menses, hormone replacement therapy, osteoporosis risk and prevention, sexual function and general screening guidelines for breast and pelvic malignancies, as well as heart disease.
- Assist and perform minor surgical procedures: e.g. endometrial biopsies, IUD insertion, amniocentesis, colposcopy, breast aspiration.
- Perform basic obstetric ultrasound examinations and interpret their findings. Understands principles of electronic fetal monitoring.
- Participate in the evaluation and management in high risk obstetrical patients. Recognize indications for active management vs. expectancy in patients with preterm labor, multiple gestation, preeclampsia, third trimester bleeding and medically complicated pregnancies.
- Participate more actively in gynecologic surgical procedures.
- Understand outpatient (office) gynecologic situations and become more familiar with the workings and dynamics of the private physician’s office.
- For students planning on a residency in obstetrics and gynecology this rotation will also serve as ‘boot camp’ to learn and hone basic skills in surgical and obstetric procedures.

Evaluation

Performance will be evaluated on a pass, fail system.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment
2

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Research in Neurosurgery
2017-2018 academic year
SURG 33400 | VAR units
Course Type: Research / Reading

Director:
Dr. Javad Hekmatpanah

Primary Instructor:
Dr. Javad Hekmatpanah jhekmatp@surgery.bsd.uchicago.edu

Contact:
Dr. Javad Hekmatpanah jhekmatp@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
TBA

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
Yes

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview

Arrangements can be made for students to work in the laboratory for periods greater than one month to study various aspects of neurosurgery. Based upon individual background and interest, studies can be in the areas of cerebral vasospasm, brain morphology, and brain tumors.

Objectives

The purpose is to introduce the student to principles of basic science or clinical research methods, to become exposed to the publications process and to gain familiarity and expertise in subject of interest.

Evaluation

Performance will be evaluated on a pass, fail system.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.
Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Sub-Internship in Neurosurgery
2017-2018 academic year
SURG 33600 | 150 units
Course Type: Sub-Internship

Director:
Dr. Hekmat-Panah

Primary Instructor:
Dr. Javad Hekmatpanah jhekmatp@surgery.bsd.uchicago.edu

Contact:
Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
TBA

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview

The sub-internship in neurosurgery is an intensive four-week rotation designed to give the student an experience at the level of the surgical intern on the neurosurgical service. The student is expected to participate in the daily evaluation and both medical and surgical management of neurosurgical patients. Ample experience is provided in areas of spinal and intracranial disease on both pediatric and adult services with an emphasis on independent function under the supervision of neurosurgical faculty.

Objectives

To provide an indepth experience in the medical and surgical management of neurological disorders. To provide a setting in which the subintern can function independently under close guidance from Fourth year residents and neurosurgical faculty.

Evaluation

Performance will be evaluated based on the students overall performance during the course of the rotation. In addition, each subintern will be expected to present a conference at neurosurgical grand rounds at the end of the rotation.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

The sub-intern will take call with the neurosurgical intern, which on average occurs every 3-4 nights.

Completion of the basic clerkship in surgery is required. The sub-intern will take call with the neurosurgical intern, which on average occurs every 3-4 nights.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Neurosurgical Service Clinical Rotation NorthShore
2017-2018 academic year
SURG 33701 | 100 units
Course Type: Elective - Clinical

Director:
Julian Bailes, MD

Primary Instructor:
Julian Bailes, MD 1-847-570-4224 jbailes@northshore.org

Contact:
Parveen David 847-570-4224 pdavid@northshore.org

Campus:
Northshore

Location on first day:
Evanston Hospital

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
2/23/2017

Overview

Spend a designated time on the service. Make daily rounds with the neurosurgery residents and attendings in the ICU and floor.
Observe and assist in surgeries. Attend case presentations/conferences, biweekly journal club and indications conferences, biweekly brain tumor/neuropathology conferences. Exposure to various departmental research projects, and microsurgical lab.

Objectives

Demonstrate an understanding of the anatomy, physiology, pathophysiology, and presentation of tumors, vascular disease and trauma of the brain and spine, and neurological examination of the findings in neurosurgical and neurological conditions. Students would be exposed to interpretation of CT scans, MRIs, and cerebral angiography and the significance of findings. Brain autopsy and cutting conference w/ Dr. Jack Lee.

Evaluation

• Level of time involvement, availability and apparent interest level
• Communication Skills
• Fund of knowledge regarding basic neuroscience
• Improvement noted over the rotation

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>6:00</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-6:00</td>
<td>-6:00</td>
<td>-6:00</td>
<td>-6:00</td>
<td>-6:00</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

3

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites
Otolaryngologic Allergy
2017-2018 academic year
SURG 35000 | 50 units
Course Type: Elective - Clinical

Director:
Dr. Jacquelynne Corey

Primary Instructor:
Dr. Jacquelynne Corey jcorey@surgery.bsd.uchicago.edu

Contact:
Dr. Jacquelynne Corey 773-702-0382 jcorey@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
TBA

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
Yes

Visiting Students:
No

Last reviewed:
3/6/2017

Overview

Clinical allergy management of both inhalants and foods is stressed, through participation in the adult allergy clinic. Seminar discussions are also available. Laboratory experience, both clinical and research also available.

Objectives

To learn to manage allergies in adults.

Evaluation

Attendance at seminars and participation in clinic. Part time is 50 credits. Full-time is 100 credits.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time
Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Readings in Otolaryngology
2017-2018 academic year
SURG 35400 | VAR units
Course Type: Research / Reading

Director:
Dr. Michael Gluth

Primary Instructor:
Dr. Michael Gluth mgluth1@surgery.bsd.uchicago.edu

Contact:
Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
TBA

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
No

Visiting Students:
No

Last reviewed:
3/6/2017

Overview
Selected readings in Otolaryngology.

Objectives
The purpose of this course is to improve the student's ability to read the literature and discuss the topics.

Evaluation
Attendance and participation and develop a presentation or paper.

Schedules Offered
This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:
Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Research in Otolaryngology
2017-2018 academic year
SURG 35500 | VAR units
Course Type: Research / Reading

Director:
Otolaryngology Staff
Primary Instructor:
Contact:
Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu
Campus:
UCMC
Location on first day:
TBA
Included in Lottery:
No
Included in MedReg:
No
Course can be dropped:
No
Visiting Students:
No
Last reviewed:
3/6/2017

Overview

Students are encouraged to undertake a research project under the supervision of the surgery faculty. Ideas for projects should be carefully thought out with the assistance of the faculty member and arrangements made on an individual basis depending on the scope of the individual work.

Objectives

The purpose is to introduce the student to principles of basic science or clinical or clinical research methods, to become exposed to the publications process, and to gain familiarity and expertise in subject of interest.

Evaluation

Pass/Fail will be based on the students performance in the laboratory.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.
Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Overview

The surgical specialty sub-internship is directed to the Fourth year medical student who desires to achieve an in-depth understanding of all aspects of Otolaryngology/Head and Neck Surgery. The student will spend time with all of the OHNS faculty in order to provide a broad overview of the allergic disorders, sinus disease, pediatric airway and ear problems, obstructive sleep apnea syndrome, head and neck tumors (benign and malignant; management and reconstruction), swallowing disorders and facial plastic surgery.

In addition, the student will be primarily responsible for those inpatients to which they are assigned. The student will be expected to function at a first year resident level (with reduced patient load) and to attend all weekly conferences including tumor conference. M&M Journal Club, Grand Rounds, resident teaching rounds and research seminars.

Reading materials will be provided for the student and the student will have access to the OHNS library.

Objectives

Student to perform the head and neck history and examination, including mirror and flexible fiberoptic laryngoscopy. Student to recognize variations of normal anatomy. Student to recognize common pathologic processes and learn principle methods of management. Student to recognize head and neck manifestations of systemic disease. Student to have an in depth understanding of head and neck neuroanatomy and physiology. Microscopic examination of the tympanic membrane. Peri-operative management of head and neck cancer patients.

Evaluation

The student will be evaluated by all faculty on their ability to meet the above objectives and to function as a critical member of the OHNS service.

Schedules Offered
This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Every fourth night on-call.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Pediatric Otolaryngology
2017-2018 academic year
SURG 36000 | 50 units
Course Type: Elective - Clinical

Director:
Dr. Fuad Baroody

Primary Instructor:
Dr. Fuad Baroody fbaroody@surgery.bsd.uchicago.edu

Contact:
Dr. Fuad Baroody 773-702-4790 fbaroody@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
DCAM Clinic

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
No

Last reviewed:
3/6/2017

Overview
Students will receive exposure to pediatric otolaryngology problems in an outpatient setting including the clinic and operating room. Students will be exposed to diagnosis and management of otitis media, hearing loss, upper airway obstruction adenotonsillar problems, sleep apnea, stridor, neck masses and sinusitis in the pediatric age group. Tutorials will be given on many of these topics.

Objectives
Gain expertise in diagnosis and identification of childhood ENT problems. Improve skills of physical exam of ear nose and throat in pediatrics. Expand knowledge base of the student in the approach to pediatric ENT problems.

Evaluation
Students will be evaluated for attendance in clinic with instructor, attendance during an outpatient operating day, and a small presentation of related topic to the instructor plus OHNS group.

Schedules Offered
This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Two half days per week and 1 full day during rotation. Arranged with instructor.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Sub-Internship in Pediatric Surgery
2017-2018 academic year
SURG 36200 | 150 units
Course Type: Sub-Internship

Director:
Dr. Andrea Lo

Primary Instructor:
Andrea Lo 2-6337 alo@surgery.bsd.uchicago.edu

Contact:
Susan Chambers 773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
TBA

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview

This is a clinical rotation with the pediatric surgery service to include experience in the preoperative, intraoperative, and postoperative care of neonates, infants, and children. The student will function as an integral part of the pediatric surgical team, and will be responsible for a small number of patients from the time of admission to discharge including participation in the operative procedure. The student will have a chance to see a wide variety of surgical conditions. General pediatric surgery for infants and children, trauma care, specialized surgical care for neonates to include some experience with the extracorporeal membrane oxygenation service and special exposure to the surgery provided to the large oncology, and gastrointestinal services in pediatrics.

Objectives

General understanding of the management of the pediatric patient understand what constitutes a new born surgical emergency. Know the indications for surgical intervention for the common pediatric surgical problem and procedures.

Evaluation

Pass/Fail Evaluation based on fund of knowledge and clinical performance.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Readings in Pediatric Surgery
2017-2018 academic year
SURG 36400 | VAR units
Course Type: Elective - Clinical

Director:
Dr. Andrea Lo
Primary Instructor:
Andrea Lo 2-6337 alo@surgery.bsd.uchicago.edu
Contact:
Susan Chambers 773-702-6337 schamber@surgery.bsd.uchicago.edu
Campus:
UCMC
Location on first day:
TBA
Included in Lottery:
No
Included in MedReg:
No
Course can be dropped:
No
Visiting Students:
No
Last reviewed:
3/6/2017

Overview
Selected readings in Pediatric Surgery.

Objectives
The purpose of this course is to improve the student's ability to read the literature and discuss the topics.

Evaluation
The student is invited to join the faculty and housestaff on the Pediatric Orthopaedic Service and to participate in the evaluation, and post operative care of patients on the Service. The student will attend the outpatient clinics two afternoons each week. The student is expected to participate in the teaching rounds, conferences, and to attend the general surgery conferences.

Schedules Offered
This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time
Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Research in Pediatric Surgery
2017-2018 academic year
SURG 36500 | VAR units
Course Type: Research / Reading

Director: Dr. Andrea Lo
Primary Instructor: Susan Chambers
Contact: 773-702-6337 schamber@surgery.bsd.uchicago.edu
Campus: UCMC
Location on first day: TBA
Included in Lottery: No
Included in MedReg: No
Course can be dropped: No
Visiting Students: No
Last reviewed: 3/6/2017

Overview
The student will join one of the ongoing areas of research in Pediatric Surgery.

Objectives
The purpose of this course is to introduce the student to principles of basic science or clinical research methods, to become exposed to the publications process, and to gain familiarity and expertise in subject of interest.

Evaluation
Pass/Fail will be based on the students performance in the laboratory.

Schedules Offered
This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:
### Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

### Course Eligibility and Prerequisites

**Max enrollment**

2

**Eligibility**

Fourth year

**Prerequisites**

Consent of Instructor
Sub-Internship in Burn Center
2017-2018 academic year
SURG 37000 | 150 units
Course Type: Sub-Internship

Director:
Dr. Larry Gottlieb
Primary Instructor:
Dr. Larry Gottlieb 2-6302 lgottlie@surgery.bsd.uchicago.edu
Contact:
Susan Chambers 773-702-6337 schamber@surgery.bsd.uchicago.edu
Campus:
UCMC
Location on first day:
Arranged
Included in Lottery:
Yes
Included in MedReg:
Yes
Course can be dropped:
No
Visiting Students:
Yes
Last reviewed:
3/6/2017

Overview

The student will rotate through the U of C Burn/Electrical Injury Center as a third year house officer. Overall management of patients with participation in bedside care, physical therapy, reconstructive surgery, electroneurography, clinical research, and follow up clinic. All aspects of burn care stressed from admission, resuscitation, wound care, reconstruction discharge planning. If longer rotation is chosen a laboratory project will be encouraged and supported.

Objectives

To learn to manage all aspects of burn care patients.

Evaluation

Attendance, participation, and performance of clinical skills. Minimum 1 month and maximum 1 quarter.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time
Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor. On-call.

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

Fourth year

Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Sub-Internship in Plastic Surgery
2017-2018 academic year
SURG 37100 | 150 units

Course Type: Sub-Internship

Director:
Dr. Patrick Reavey

Primary Instructor:
Dr. Patrick Reavey preavey@surgery.bsd.uchicago.edu

Contact:
Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Arranged

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview

The student is invited to join the faculty and housestaff on the Plastic Surgery Service and to participate in the evaluation of patients on the service. The student will attend the outpatient clinics two afternoons each week for exposure to fresh problems and for opportunities of long term follow-up. The student is expected to participate in the teaching rounds, conferences, and attending the general surgery conferences.

Objectives

Conduct a detailed examination of the head, neck, and hand, list the basic phases of normal wound healing and list various types of flaps.

Evaluation

Pass/Fail -Evaluation based on fund of knowledge and clinical performance.

Schedules Offered

This course is offered on a Monthly Basis during the following months:

January
February
March
April
May
July
August
September
October
November
December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Outpatient Clerkship in Plastic and Reconstructive Surgery
2017-2018 academic year
SURG 37200 | 100 units
Course Type: Elective - Clinical

Director:
Dr. Patrick Reavey

Primary Instructor:
Dr. Patrick Reavey preavey@surgery.bsd.uchicago.edu

Contact:
Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Arranged

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
No

Last reviewed:
3/6/2017

Overview

The student is invited to join the faculty and housestaff on the Plastic Surgery Service and to participate in the evaluation, and post operative care of patients on the service. The student will attend the outpatient clinics two afternoons per week. The student is expected to participate in the teaching rounds, conferences, and to attend the general surgery conferences.

Objectives

To introduce students to clinical activities involved in caring for patients on plastic surgery service.

Evaluation

Attendance, participation, and performance of clinical skills.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- July
- August
- September
- October
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:
Schedule Notes

Course Eligibility and Prerequisites

Max enrollment
2

Eligibility

Fourth year
Third Year

Prerequisites

Consent of Electives Coordinator
Readings in Plastic Surgery
2017-2018 academic year
SURG 37300 | VAR units
Course Type: Research / Reading

Director:
Dr. Patrick Reavey

Primary Instructor:
Dr. Patrick Reavey preavey@surgery.bsd.uchicago.edu

Contact:
Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Arranged

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
No

Visiting Students:
No

Last reviewed:
3/6/2017

Overview

Selected Readings in Plastic Surgery.

Objectives

The purpose of this course is to improve the student's ability to read the literature and discuss the topics.

Evaluation

Pass/Fail students evaluated by instructor.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:
Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Research in Plastic Surgery
2017-2018 academic year
SURG 37400 | VAR units

Course Type: Research / Reading

Director:
Dr. Patrick Reavey

Primary Instructor:
Dr. Patrick Reavey preavey@surgery.bsd.uchicago.edu

Contact:
Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Arranged

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
No

Visiting Students:
No

Last reviewed:
3/6/2017

Overview

The student will observe and participate in the management of patients with surgical infections and will become familiar with techniques for laboratory diagnosis of surgical infections as well as participating in ongoing research projects in surgical microbiology. Research in plastic surgery covers a wide range of important topics including: 1) Control of scar tissue remodeling; 2) tissue biomechanics; 3) connective tissue fabrication; 4) heat transfer in humans; 5) computational modeling molecular dynamics and continuum heat and electrical phenomenon; 6) peripheral nerve repair and others. Students will work directly with full time clinical and research staff.

Objectives

Research experience in one of the plastics laboratories or clinically related projects.

Evaluation

Pass/Fail -Evaluation based on the students performance in the laboratory.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Sub-Internship in Plastic Surgery - Northshore
2017-2018 academic year
SURG 37501 | 150 units
Course Type: Sub-Internship

Director:
Dr. Jeremy Warner, Dr. Bruce Bauer, Dr. Michael Howard, Dr. Mark Sisco

Primary Instructor:

Contact:
Maria Vartelas  847-570-2461 mvartelas@northshore.org

Campus:
Northshore

Location on first day:
Northshore University Health System

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
2/24/2017

Overview

This course offers a comprehensive experience in plastic surgery including breast reconstruction, wound care, aesthetic surgery, pediatric and congenital deformities, microsurgical reconstruction and general reconstructive surgery.

Objectives

Understand options for breast reconstruction
Identify indications for advanced wound care.
Discuss evaluation and treatment of common pediatric/congenital deformities
Have an understanding of common aesthetic procedures
Understand comprehensive facial reconstructive and cosmetic surgery techniques

Evaluation

Written evaluation

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
June
July
August
September
October
November
December
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td>-</td>
<td>7:00</td>
<td>7:00</td>
<td>7:00</td>
<td>7:00</td>
<td>7:00</td>
<td>-</td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td>-</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-5:00</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

**Course Eligibility and Prerequisites**

**Max enrollment**

4

**Eligibility**

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

**Prerequisites**

Consent of Instructor
Sub-Internship in Thoracic Surgery
2017-2018 academic year
SURG 38000 | 150 units
Course Type: Sub-Internship

Director:
Dr. Mark Ferguson
Primary Instructor:
Dr. Mark Ferguson 2-3551 mferguso@surgery.bsd.uchicago.edu
Contact:
Susan Chambers 773-702-6337 schamber@surgery.bsd.uchicago.edu
Campus:
UCMC
Location on first day:
Arranged
Included in Lottery:
Yes
Included in MedReg:
Yes
Course can be dropped:
No
Visiting Students:
Yes
Last reviewed:
3/6/2017

Overview

Students will receive experience in the evaluation of patients with solid tumors of the chest. The majority of these patients will have lung cancer or esophageal cancer. The students will learn the techniques of the clinical evaluation and staging of the tumor. The student will also have direct interaction with the pathologist who determines the cell type and classification of the tumor. The students will learn the techniques of the clinical evaluation and staging of the tumor. The student will be involved in the formulation of the treatment plan, which may include multi-modality treatment (surgery, radiation, chemotherapy). This course is designed to give those students who are interested in developing their skills in the area of surgical oncology an exposure to multi-modality solid tumor therapy. A clinical problem to be evaluated during the clerkship will be assigned to each student which will introduce the principles of clinical research in tumor oncology.

Objectives

To expose students to area of surgical oncology, and to expose students to multi-modality solid tumor therapy.

Evaluation

Attendance and participation of performance of clinical skills and research. Minimum 1 month and maximum 1 quarter.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

On-Call.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Readings in Thoracic Surgery
2017-2018 academic year
SURG 38100 | VAR units
Course Type: Research / Reading

Director:
Dr. Mark Ferguson

Primary Instructor:
Dr. Mark Ferguson 2-3551 mferguso@surgery.bsd.uchicago.edu

Contact:
Susan Chambers 773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Arranged

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
No

Visiting Students:
No

Last reviewed:
3/6/2017

Overview

Selected readings in Thoracic Surgery.

Objectives

Exposure to critical evaluation of Thoracic surgery literature.

Evaluation

Attendance and participation, and develop a presentation or paper.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:
Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Sub-Internship in Transplant Surgery
2017-2018 academic year
SURG 39000 | 150 units
Course Type: Sub-Internship

Director:
Dr. Yolanda Becker

Primary Instructor:
Yolanda Becker, MD  ybecker@surgery.bsd.uchicago.edu

Contact:
Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Arranged

Included in Lottery:
No

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview

The students will rotate on the transplant service and are involved with the pre-operative intra-operative, and post-operative care and treatment of patients. The students are exposed to history and physical examination of transplant patients, non invasive transplant diagnosis, angiographic evaluation and decision making plans for treatment. The students participate in transplant operations and assist in the care and treatment of patients in the post-operative period. The students participate in daily ward rounds and weekly surgery pathology transplant rounds. Student will participate in transplant harvest as the opportunity arises.

Objectives

To increase the fund of knowledge of transplant disease. To learn in greater detail evaluation and surgical treatment of transplant patients. To learn in greater detail post-operative management of the transplant patient.

Evaluation

Pass/Fail

Participation in discussions to evaluate fund of knowledge attained.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Readings in Transplant Surgery
2017-2018 academic year
SURG 39100 | VAR units
Course Type: Research / Reading

Director:
Dr. Yolanda Becker

Primary Instructor:
Yolanda Becker, MD 0 ybecker@surgery.bsd.uchicago.edu

Contact:
Susan Chambers 773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Arranged

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
No

Visiting Students:
No

Last reviewed:
3/6/2017

Overview

Selected readings in Transplant Surgery.

Objectives

Exposure to critical evaluation of Transplant surgery literature.

Evaluation

Pass/Fail

Participation in discussions to evaluate fund of knowledge attained.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time.
Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Schedule Notes**

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

**Course Eligibility and Prerequisites**

**Max enrollment**

2

**Eligibility**

Fourth year

**Prerequisites**

Consent of Instructor
Transplant Research
2017-2018 academic year
SURG 39200 | VAR units
Course Type: Research / Reading

Director:
Dr. Yolanda Becker

Primary Instructor:
Yolanda Becker, MD  ybecker@surgery.bsd.uchicago.edu

Contact:
Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Arranged

Included in Lottery:
No

Included in MedReg:
No

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview

There are multiple research opportunities in the transplant laboratory. They are as follows: Production and evaluation of therapeutic monoclonal antibodies; Development of preclinical models for evaluation of new suppressants; Delineation of immune activation in animal and human transplant models. Initiation of human islet transplantation; Modulation of transplant antigen presentation to produce immune tolerance. There are two general approaches: The first approach consists of mechanist studies which address the interrelationships between T-cell activation and suppression, The second approach is focused on enhancing the specificity of the immunosuppression properties of anit TCR antibodies by combined administration of donor antigen and anti-CD3 monoclonal antibody.

Objectives

To provide a more basic understanding of the mechanisms by which monoclonal antibodies against T-cells induce immunosuppression, thereby providing a foundation from which new immunosuppression strategies may develop.

Evaluation

Participation and discussion.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Sub-Internship in Urology
2017-2018 academic year
SURG 40000 | 150 units
Course Type: Sub-Internship

Director:
Dr. Glenn Gerber

Primary Instructor:
Dr. Glenn Gerber  ggerber@surgery.bsd.uchicago.edu

Contact:
Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Arranged

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview

The course is directed to 4th year medical students who wish to explore the possibility of urology as a career. The student will become fully integrated into the inpatient and outpatient urology service including participation in the operating room, rounds and conferences.

Objectives

To increase the fund of knowledge of urologic disease. To learn in greater detail evaluation and surgical treatment of urologic patient. To learn in greater detail post-operative management of the urologic patient.

Evaluation

The student will be evaluated by their ability to become an integrated member of the urology service and demonstrate this ability by oral and written patient presentations. Minimum 1 month and maximum 1 quarter.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
July
August
September

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Schedule Notes

Arranged with instructor.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Urology Clerkship - Northshore
2017-2018 academic year
SURG 40100 | 100 units
Course Type: Elective - Clinical

Director:
Sangtae Park, MD, MPH
Primary Instructor:
Dr. Sangtae Park spark@northshore.org
Contact:
Maria Vartelas 847-570-2461 mvartelas@northshore.org
Campus:
Northshore
Location on first day:
Evanston Hospital
Included in Lottery:
Yes
Included in MedReg:
Yes
Course can be dropped:
No
Visiting Students:
Yes
Last reviewed:
2/24/2017

Overview

One on One Mentored Rotation: Introduction to Laparoscopic, Robotic and Endourological Surgery.

The student will attend clinic, conferences, and surgery throughout the week. The student will make morning rounds with University of Chicago Urology residents, see new consults, and discuss cases with Dr. Park. The student will be exposed to minimally invasive surgery in the laparoscopic and robotic surgery that is the focus of Dr. Park’s practice. If an interesting case is encountered, the student can consider assisting in writing up a case report or small study for publication.

Time will be divided between clinic (20%), operating room (60%), conferences (10%), case presentations / discussions/research on topics (10%).

Objectives

Increase knowledge in Urology, both basic clinical problems and in new, advanced, techniques such as laparoscopic and robotic, endourological surgery.

See new patients or consults, obtain history, perform physical exam and formulate a working plan.

Learn to perform literature searches on unique problems and how to use this information for clinical practice

Evaluation

Attendance

Ability to see new patients or consults, obtain history, perform physical exam and formulate a working plan appropriate for his/her level

Initiative

Ability to interact with patients and staff effectively.
Schedules Offered

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Can arrange specific dates for clerkship with instructor, through NorthShore Office of Academic Affairs at mvartelas@northshore.org.

OR: Monday, Tuesday, Thursday;
Clinic: Wednesday, Friday mornings; Monday, Friday afternoons
Consults: All week
Meetings: Wednesday morning; Thursday afternoon
Research Topics: Thursday afternoon

Course Eligibility and Prerequisites

Max enrollment

1

Eligibility

- Fourth year
- Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Instructor
Research in Urology  
2017-2018 academic year  
SURG 40300 | VAR units  
**Course Type:** Research / Reading

**Director:**  
Urology Faculty

**Primary Instructor:**

**Contact:**  
Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu

**Campus:**  
UCMC

**Location on first day:**  
Arranged

**Included in Lottery:**  
No

**Included in MedReg:**  
No

**Course can be dropped:**  
No

**Visiting Students:**  
No

**Last reviewed:**  
3/6/2017

### Overview

The student will join one of the ongoing areas of research in the Urology Labs and if possible, conduct their own related projects. Under appropriate circumstances, the student may be permitted to carry out his own independent project.

### Objectives

Intensive research experience in one of the urology laboratories or on clinically related projects.

### Evaluation

Pass/Fail  
Evaluation will be based on the students performance in the laboratory.

### Schedules Offered

This course is offered on a Monthly Basis during the following months:  
January  
February  
March  
April  
May  
July  
August  
September  
October  
November  
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:
Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Electives Coordinator
Sub-Internship in Vascular Surgery
2017-2018 academic year
SURG 50000 | 150 units
Course Type: Sub-Internship

Director:
Dr Christopher Skelly

Primary Instructor:
Christopher Skelly, MD cskelly@surgery.bsd.uchicago.edu

Contact:
Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:
UCMC

Location on first day:
Arranged

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
No

Visiting Students:
Yes

Last reviewed:
3/6/2017

Overview
The students will rotate on the vascular surgery service and are involved with the pre-operative intra-operative, and post-operative care and treatment of patients with arterial and venous disorders. The students are exposed to history and physical examination of vascular disease, non invasive vascular diagnosis, angiographic evaluation and decision making plans for treatment. The students participate in vascular reconstructive operations and assist in the care and treatment of patients in the post-operative period. The students participate in daily ward rounds and weekly surgery pathology vascular rounds.

Objectives
Exposure to the evaluation and treatment of patients with vascular disease. Specific focus on aneurysms, carotid disease, mesenteric ischemia, lower extremity arterial occlusive disease, renal artery stenosis, and venous disease.

Evaluation
Pass/Fail
Evaluation based on fund of knowledge and clinical performance.

Schedules Offered
This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Schedule Notes

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year
Visiting Student (from LCME Accredited Medical Schools Only)

Prerequisites

Consent of Electives Coordinator
Outpatient Clerkship in Vascular Surgery
2017-2018 academic year
SURG 50100 | 100 units
Course Type: Elective - Clinical

Director:
Dr Christopher Skelly
Primary Instructor:
Christopher Skelly, MD cskelly@surgery.bsd.uchicago.edu
Contact:
Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu
Campus:
UCMC
Location on first day:
Arranged
Included in Lottery:
Yes
Included in MedReg:
Yes
Course can be dropped:
No
Visiting Students:
No
Last reviewed:
3/6/2017

Overview

Active participation in the performance and interpretation of non-invasive diagnostic procedure in vascular disease. Studying includes: Carotid, artery evaluation with oculoplethysmography, phonoangiography and carotid duplex imaging; peripheral arterial evaluation with segmental velocity and phleborheography and duplex imaging. Correlation of non invasive measure with arteriography, venography and radioisotope procedures and clinical findings. Participation in preoperative, intraoperative and postoperative evaluations.

Objectives

The outpatient evaluation and management of patients with peripheral vascular disease. Emphasis on physical examination and non-invasive vascular procedures.

Evaluation

Pass/Fail
Evaluation based on clinical performance and fund of knowledge.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

### Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>PM</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

### Schedule Notes

### Course Eligibility and Prerequisites

**Max enrollment**

2

**Eligibility**

Fourth year

**Prerequisites**

Consent of Electives Coordinator
Sub-Internship in Vascular Surgery: NorthShore
2017-2018 academic year
SURG 50101 | 150 units
Course Type: Sub-Internship

Director:
Omar Morcos, MD
Primary Instructor:
Omar Morcos, MD OMorcos@northshore.org
Contact:
Maria Vartelas 847-570-2461 mvartelas@northshore.org
Campus:
Northshore
Location on first day:
Evanston Hospital
Included in Lottery:
Yes
Included in MedReg:
Yes
Course can be dropped:
No
Visiting Students:
Yes
Last reviewed:
3/6/2017

Overview

This course will offer exposure to the full breadth and depth of both open vascular surgery and minimally invasive endovascular surgery in the treatment of aortic disease, carotid disease, lower extremity arterial disease and venous disease. Students are invited to become an integral part of the vascular surgery service and gain experience in the evaluation, operative, and pre- and post-operative care of the vascular surgery patients in an academic environment committed to medical education, clinical investigation, and excellence in patient care.

Students will have the opportunity to evaluate patients independently in clinic and follow patients through their surgical and the peri-operative period. Students will participate in consultations, surgeries, office-based procedures, the non-invasive vascular laboratory, and a highly specialized wound care center. Students will also participate in a regularly scheduled multi-disciplinary endovascular conference and a vascular laboratory teaching conference.

The rotation at Northshore offers a unique experience for a student to function independently on many levels and assume responsibilities that are generally scarce in an academic setting.

Objectives

Students will be able to complete a history and physical exam, present a vascular patient and generate a differential diagnosis for vascular patients.

Students will improve suturing skills including closing skin and knot tying as well as acquire some basic endovascular skills.

Students will be able to explain the pathophysiology of atherosclerosis and risk factor management.

Students will be able to describe the initial workup and management of common vascular problems including aneurysms, carotid artery stenosis, lower extremity claudication, non-healing wounds, and DVT.

Students will gain an appreciation for the decision making process as well as the pros and cons of both open and endovascular treatment of vascular disease states.

Evaluation
Evaluation of clerkship performance will be completed by each of the faculty members as well as the residents. All evaluations will be collated into a single grade by Dr. Gupta.

Students will be observed in clinic performing a history and physical exam on a new vascular patient weekly and given feedback.

**Schedules Offered**

This course is offered on a Monthly Basis during the following months:
- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

**Weekly schedule:**

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Schedule Notes**

Time to be arranged in Clinic, Office procedure, OR, Vascular lab or IR

Two mutually arranged call dates over one month rotation

**Course Eligibility and Prerequisites**

**Max enrollment**

1

**Eligibility**

Fourth year
- Visiting Student (from LCME Accredited Medical Schools Only)

**Prerequisites**

None
Readings in Vascular Surgery
2017-2018 academic year
SURG 50200 | VAR units
Course Type: Research / Reading

Director:
Vascular Surgery Faculty
Primary Instructor:
Christopher Skelly, MD cskelly@surgery.bsd.uchicago.edu
Contact:
Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu
Campus:
UCMC
Location on first day:
Arranged
Included in Lottery:
No
Included in MedReg:
No
Course can be dropped:
No
Visiting Students:
No
Last reviewed:
3/6/2017

Overview
Selected readings in Vascular Surgery.

Objectives
Exposure to critical evaluation of selected vascular surgery literature.

Evaluation
Pass/Fail
Participation in discussions to evaluate fund of knowledge attained.

Schedules Offered
This course is offered on a Monthly Basis during the following months:
January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:
Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form. Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Electives Coordinator
Research in Vascular Surgery
2017-2018 academic year
SURG 50300 | VAR units

Course Type: Research / Reading

Director:  
Vascular Surgery Faculty

Primary Instructor:  
Christopher Skelly, MD cskelly@surgery.bsd.uchicago.edu

Contact:  
Susan Chambers  773-702-6337 schamber@surgery.bsd.uchicago.edu

Campus:  
UCMC

Location on first day:  
Arranged

Included in Lottery:  
No

Included in MedReg:  
No

Course can be dropped:  
No

Visiting Students:  
No

Last reviewed:  
3/6/2017

Overview

The student can join one of the ongoing areas of research in Vascular Surgery under the supervision of the faculty.

Objectives

Intensive research experience in one of the vascular basic science laboratories or on clinically related projects.

Evaluation

Pass/Fail  
Evaluation will be based on the students performance in the laboratory.

Schedules Offered

This course is offered on a Monthly Basis during the following months:

January
February
March
April
May
July
August
September
October
November
December

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:
Schedule Notes

Arranged with instructor. Final registration and determination of credits for this course is dependent upon the submission and approval of the Preceptorship/Independent Study Proposal Form (PDF). Until that time, you will not be formally registered nor able to obtain credit.

Course Eligibility and Prerequisites

Max enrollment

2

Eligibility

Fourth year

Prerequisites

Consent of Instructor
Doctors and Medicine from Antiquity to Managed Care
2017-2018 academic year
SURG 50400 | 50 units
Course Type: Elective - Non-clinical

Director:
Dr. Kenneth Begelman

Primary Instructor:
Dr. Kenneth Begelman KBegel@aol.com

Contact:
Dr. Kenneth Begelman KBegel@aol.com

Campus:
UCMC

Location on first day:
O213

Included in Lottery:
Yes

Included in MedReg:
Yes

Course can be dropped:
Yes

Visiting Students:
No

Last reviewed:
3/6/2017

Overview

No one should graduate from medical school without the basic understanding of the historical context of the development of our profession. We will study and discuss how current clinical practices evolved. We will see that Religious beliefs, economic interests, political values, race, medical science, technology, and institutions all influence ideas and practices concerning disease states. Dr. Begelman, a cardiovascular surgeon and University of Chicago graduate will present didactic material and facilitate discussions in a one month overview of the history of the development of clinical medical practice.

Objectives

To allow the Fourth year student to obtain a firm understanding of the History of Medicine prior to obtaining the MD degree. To gain greater understanding of current clinical practices by discussing how they evolved.

Evaluation

Pass/Fail Students evaluated by instructor. Students can write a paper based on primary sources for an additional 50 units.

Schedules Offered

This course is offered on a Monthly Basis during the following months:
January

This course is not offered on a Bi-weekly (two week) Basis, or no schedule has been set at this time

Weekly schedule:

<table>
<thead>
<tr>
<th></th>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>PM</td>
<td>-</td>
<td>-</td>
<td>5:00 - 7:30</td>
<td>5:00 - 7:30</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Schedule Notes

Course Eligibility and Prerequisites

Max enrollment
35

Eligibility
Fourth year

Prerequisites
Consent of Instructor