

Carver College of Medicine

Phase III: Advanced Clerkships

Course Descriptions

2024-2025

Revised 08/21/2023

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INTERDISCIPLINARY

MED:8401 Medicine, Literature, & Writing - 4 weeks

Faculty: Katie Priske, Director
Writing and Humanities Program

Offered: SP24 - 2/12/24, 3/11/24
SP25 - 2/10/25, 3/10/25

Administrative Katie Priske, 1191 MERF
Contact: 319-335-5324
katie-priske@uiowa.edu

Max 15
Enrollment:

Report To: See ICON or departmental email

Special Grading is PASS/FAIL only
Conditions:

With residency applications completed or a match in your hand, this course offers you a chance to devote four weeks to reading, discussing, and writing in response to literature, essays, and poetry. Reading selections include work by Abraham Verghese, Flannery O'Connor, Jose Saramago, and Marilynne Robinson. You will read approximately 400 pages and write one assignment each week. You will be responsible for active participation in our weekly discussions of assigned readings and the writing of your classroom peers.

Come discuss literature from clinical and creative perspectives and experience the workshop method of presenting your own writing for peer review.

MED:8403 Teaching Skills for Medical Students - 4 weeks

Faculty: Office of Consultation & Research in
Medical Education (OCRME)

Offered: SP24 - 1/16, 2/12 & 3/11
SP25 - 1/13, 2/10 & 3/10

Administrative Jane Miller
Contact: Clinical Associate Professor
jane-l-miller@uiowa.edu

Max 15
Enrollment:

Report To: See ICON or departmental email

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1. Students will be familiar with teaching fundamentals (teaching styles, techniques, content and environment).
 2. Students will be able to describe common interactions between learner and teacher (learning styles, managing learners, verbal & nonverbal communication).
 3. Students will gain practical experience of fundamentals via presentations and evaluations (formal presentations, extemporaneous speaking, feedback & evaluating speakers).
 4. Students will gain practical experience in one-on-one and small group teaching, including learning how to give feedback to learners, how to demonstrate and observe clinical skills, and how to facilitate small group discussions.

Students will be expected to:

1. Attend classes as outlined in the monthly schedule.
2. Make a brief (5 minute) presentation at the beginning and a 15-minute presentation at the end of the course that will be video recorded and used for self and instructor evaluation.
3. Prepare for sessions via readings and/or reviewing websites and on-line materials.
4. Attend presentations in the Carver College of Medicine, UIHC, and the University to evaluate the presentation and speaker (lectures, classes, Grand Rounds, conferences, etc.).
5. Develop and write a CBL case using the template provided.
6. Conduct a literature search on teaching residents-to-teach with a focus in the student's future medical specialty.
7. Review 3 teaching modules developed by OCRME and respond to questions.

MED:8405 Leadership for Future Physicians - 2 weeks

Faculty: Drs. Hanna Zembrzuska & Kaila Pomeranz

Offered: SP24 - 4/22/24
SP25 - 4/7/25

Administrative Contact: Drs. Hanna Zembrzuska & Kaila Pomeranz

Max Enrollment: 25

Dr. Zembrzuska
hanna-zembrzuska@uiowa.edu

Dr. Pomeranz
kaila-pomeranz@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Grading is PASS/FAIL only

As medical students progress through the medical system, their importance as leaders increases. Eventually, these future physicians will be leading medical teams and influencing the medical profession. Most of these students will receive very little formal training in leadership. The purpose of this elective is to provide third- and fourth-year medical students with formal leadership training in multiple aspects of leadership.

Methods:

The elective will be offered at least once each spring semester for medical students and students from other healthcare specialties (nursing, dental, pharmacy, PA, etc.).

Classes will be half day in length with outside class assignments/activities.

Guest instructors will be invited to facilitate discussions and provide personal knowledge and experiences. Possible guest instructors include:

- Deans within CCOM and/or UIHC
- C-suite executives
- Community Leaders
- Chief Medical Officer, Chief Nursing Officer
- DEOs
- Program/Clerkship Directors

- Faculty with interests in particular areas
- Other instructors with specialty-specific experiences/knowledge

Multiple assessment instruments will be used to help medical students better understand themselves and their leadership approaches.

Cases focused round topics to prompt discussions and ways to manage such situations.

Outside classroom assignments such as:

- Pre-session readings
- Interviews with a leader
- Watching movies with leadership topics
- Continued investigation into topics of interest
- Developing a leadership philosophy

The course will be pass/fail with the grade dependent upon completing assignments, participating in class, and being prepared for class.

Course materials/information will be located on ICON with assignments and readings.

Course Objectives

1. Assist medical students in identifying their approach to leadership and understanding the various types of leaders.
2. Expose medical students to multiple methods for dealing with common challenges faced by leaders in medical professions.
3. Provide medical students opportunities to interact with leaders within the medical system at CCOM and UIHC.
4. Using a case-based approach, help prepare medical students for possible leadership challenges/issues and tools for managing these situations.

MED:8412 Improvisation: A Life Skill - 4 weeks

Faculty: William Goblirsch-Paradis
Katie Priske
Writing and Humanities Program

Offered: SP24 - 4/8/24
SP25 - 4/7/25

Administrative Contact: Katie Priske
katie-priske@uiowa.edu

Max Enrollment: 16

William Goblirsch-Paradis
william-goblirsch@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Grading is PASS/FAIL only

The fundamental goal of the course is to provide students with experiences that will help them communicate more empathically with their patients, patients' families, and other health care team members. The focus of this course is on using play to facilitate the practice of interpersonal communication. When this class includes performances of improvised scenes, its primary intent is always to raise students' awareness that effective communication goes

beyond a mere exchange of words or ideas.

Students will learn to develop important listening skills and be attentive to visceral, physical, and intuitive aspects of non-verbal communication. They will also evaluate their own personal communication styles and gain tools to help them adjust in their professional and personal interactions. Class meetings will occur on Tuesdays and Thursdays.

This course is supported by CCOM Writing and Humanities program and is co-directed by Katie Priske and William Goblirsch-Paradis. This course counts toward the Humanities Distinction Track.

Course Objectives

By the end of the course students will be able to:

- Engage in collaborative tasks that may not have a definitive correct answer.
- Demonstrate greater sensitivity towards individuals you may feel powerless.
- Employ intuition and creativity to effectively convey ideas and responses.
- Develop awareness of how status influences verbal and non-verbal interactions.
- Articulate intentions and desires during exchanges.
- Discover intrapersonal skills through understanding of self, identification of values and expression of imagination.
- Increase interpersonal awareness and engagement through the understanding of others, awareness of circumstances, developing communicative capacities, articulating indicators of attentiveness in one-on-one and group interaction.
- Recognize multiple perspectives or competing objectives in collaborative and/or cross-cultural relationships.

MED:8413 Oaths & Ethics - 4 weeks

Faculty: Lauris Kaldjian, MD, PhD

Offered: SP24 - 2/12/24
SP23 - 2/10/25

Administrative Contact: Noel VanDenBosch, BA
319-467-1233
noel-vandenbosch@uiowa.edu

Max Enrollment: 8

Report To: See ICON or departmental email

Special Conditions: Grading is PASS/FAIL only

In this course, students will review the history and purpose of medical oaths, compare medical oaths with professional codes, examine the content of medical oaths in terms of ethical principles and virtues, reflect on ethical values communicated in ethics related to seminars at UIHC, interview a nonmedical person regarding his/her assessment of ethical values considered important for a medical oath, and write a medical oath that crystalizes their own most important professional commitments.

MED:8414 Health Policy Advocacy, Des Moines - 4 weeks

Faculty: Ken Cheyne, MD &
Kelly Breffle, MHA

Offered: 2024: Jan. 15 & Feb. 12 block
2025: Jan. 13 & Feb. 10 block

Administrative Kelly Breffle, MHA
Contact: Des Moines Medical Education Consortium
515-241-4455
kelly.breffle@unitypoint.org

Report To: See ICON or departmental email

Special Conditions: Grading is PASS/FAIL only
Permission Required. Contact Kelly.Breffle@unitypoint.org
Open only to Healthcare Delivery Science Management and Policy Distinction Track Students, and only in M4 spring term.

In this course, students will have the opportunity to select from a wide variety of health policy issues that may be of interest to them. They may work with senior legislators, policy advisors, state health department representatives or advocates of various professional organizations that are involved in advocacy efforts for health policy. Based on that interest, the student will be paired with a legislator, policy advisor, state agency representative, or other professional organization advocate involved in health policy and advocacy to help guide and mentor them through the advocacy process.

Course Objectives

Medical students will receive prior approval regarding which health policy issue they have indicated from their application, and which individual or professional organization they plan to work with during their on-site experience. It is anticipated that students involved in the advocacy track will be in Des Moines for a minimum of four weeks in order to fully realize the impact of health policy and advocacy best practices. Prior to the student's four-week on-site experience, students may be asked to participate in occasional, on-line/virtual meetings by their health policy and advocacy mentor in order to better understand the health policy and advocacy issue they are interested. Students will receive general health policy and advocacy educational resources before they start their elective as well.

MED:8415 Financial Management for Rising Interns - 2 weeks

Faculty: Scott Truhlar, MD
Chris Roling

Offered: SP24 - March 25
SP25 - March 24

Administrative Chris Roling, 1216B MERF
Contact: 319-353-3092
chris-roling@uiowa.edu

Max Enrollment: 20

Report To: See ICON or departmental email

Special Conditions: Grading is PASS/FAIL only
Restricted to M4s in final semester.

In this course, students will learn the foundational concepts of personal financial management. Covered topics include: personal budgeting, educational loan management, risk management and mitigation, medical practice

investment, taxation, and additional relevant areas of interest for rising resident physicians.

MED:8416 Foundations in Healthcare Ethics

Faculty: Lauris Kaldjian, MD, PhD

Offered: Fall Semester Only
15 wks/full semester course

Administrative Contact: Noel VanDenBosch, BA
319-467-1233
noel-vandenbosch@uiowa.edu

Max Enrollment: 10

Special Conditions: For medical and graduate students (permission required for undergraduates); no prerequisites.

This 3-credit seminar-style course focuses on theoretical foundations in healthcare ethics. Students review major ethical traditions, ideas, and frameworks that have shaped contemporary approaches to healthcare ethics in morally pluralistic Western cultures. Topics include four prominent frameworks in healthcare ethics (virtue-based, principle-based, circumstance-based, and consequence-based) that emphasize four aspects of ethical decision making (agent, action, context, outcome). By writing short weekly reflections, weekly class discussions, and a final paper, students engage ethical concepts, translating from ethical theory to ethical practice by applying foundational beliefs and values to concrete challenges in clinical practice.

Course Objectives

1. Describe major ethical traditions and ideas that have shaped contemporary approaches to healthcare ethics in Western cultures.
2. Compare four common frameworks in healthcare ethics (virtue-based, principle-based, circumstance-based, and consequence-based).
3. Assess prospects for moral consensus in the health professions amidst the realities of moral pluralism in society.
4. Identify ethical frameworks and foundations that support the primacy of patient welfare in medical professionalism.
5. Practice translating from theory to practice by applying foundational beliefs and values to concrete ethical challenges and controversies in clinical practice.
6. Demonstrate awareness of the inseparable relationship between foundational beliefs and values, ethical reasoning, and moral integrity in pursuit of conscientious practice.

Additional Course Information

Offering Details:

Fall Semester: full semester course (15 weeks). Meets 2 hours per week, by Zoom

Meets on Tuesdays from 4:30-6:30 PM (though an alternate meeting time may be decided)

Distinction Track: Counts as an activity for the Humanities Distinction Track

Registration contact: Contact course director (lauris-kaldjian@uiowa.edu) or coordinator (noel-vandenbosch@uiowa.edu).

MED:8480 Global Health Clerkship - 4 consecutive weeks minimum

Faculty: Arranged
Robin Paetzold, Director
Global Health Programs

Offered: Arranged; 4 consecutive weeks
minimum, credit given in multiples of
2-week periods

Administrative Contact: Robin Paetzold, 1187A MERF
319-353-5762
robin-paetzold@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Global Elective form must be
submitted for approval a minimum of
6-weeks prior to beginning of rotation.

Individually arranged global health activities focusing on addressing health inequities or health inequity cross-cultural health issues at a preapproved international or selected domestic site. Individual educational objectives and evaluation methods must be agreed upon in advance with the Global Health Programs Director in the College of Medicine. Students must work under immediate supervision of a healthcare expert who has extensive knowledge and expertise as well as a formal tie to the site. A completed registration packet must be submitted a minimum of six weeks before the program is to begin and approved by the Global Programs Director before registration will be finalized. Evaluation is based on preparation work, onsite feedback, and required written and oral reports.

Students are strongly recommended to meet with the Global Health Programs Director to discuss their proposed elective six months before their elective is to begin.

DEPARTMENT OF ANATOMY & CELL BIOLOGY

Director: [Dr. Marc Pizzimenti](#)

Contact: [Julie Collins](#)

Acad Clinical Program Mgt Associate

1-323 BSB

319-335-7197

ACB:8401 Advanced Human Anatomy - 4 weeks

Faculty: Dr. Marc Pizzimenti
1-402 BSB
319-384-4644

Offered: SP24 - 2/12 & 3/11
SP25 - 2/10 & 3/10

Administrative Julie Collins
Contact: 1-323 BSB
319-335-7197
julie-collins@uiowa.edu

Max 10
Enrollment:

Report To: See ICON or departmental email

Special Student must contact Dr. Pizzimenti
Conditions: before adding to schedule.
marc-pizzimenti@uiowa.edu

Advanced Gross Anatomy is designed for students who are eager to explore, in detail, specific aspects of human anatomy that are relevant for continued professional development. Having experienced a general overview of the human body in previous anatomy courses, students will perform detailed dissections of the areas, regions, or systems of interest. The completed dissections, coupled with other learning experiences (e.g., case discussion, small group interactions, online modules), will serve as the basis for applying the anatomy to clinical situations. The clinical situations may include viewing the anatomy in imaging; relating the anatomy for specific surgical approaches/procedures; or using anatomical landmarks to access superficial/deep structures. In short, the course is a focused independent study of a particular aspect of the human body based on student goals. With the assistance of the instructor, the course is tailored to your plan of study and professional development.

Students will be evaluated in the Gross Anatomy Laboratory by an oral examination of approximately one-hour duration at the halfway point of the course and at its conclusion. A written exam will be completed during the final week of the course. Students will be evaluated on the completeness and accuracy of their dissections and on anatomical knowledge related to the regions dissected. Students will present two (2) cases and observe/participate in two (2) clinical activities related to their plan of study. Details of the evaluation process are included in the course syllabus.

Additional Course Information

Students should reach out to Dr. Pizzimenti for approval and added to his list. Students will receive a confirmation email & survey in October. Dr. Pizzimenti will send the registrar unit the approved adds in October to have it added to student schedules. Arrange the clerkship at least 4 weeks in advance to develop an appropriate plan of study.

There is a \$550 supplemental course fee for all students utilizing the Gross Anatomy Laboratory.

ACB:8402 Teaching Elective in Regional Anatomy - 2 weeks

Faculty: Dr. Marc Pizzimenti and
Dr. Darren Hoffmann

Offered: Arranged - Spring 2024 & Spring 2025

Check with Dr. Pizzimenti 319-384-4644, marc-pizzimenti@uiowa.edu, for schedule

Administrative Contact: Julie Collins
1-323 BSB
319-335-7197
julie-collins@uiowa.edu

Max Enrollment: 4

Report To: See ICON or departmental email

Special Conditions: Prerequisite: Enrolled in Teaching Distinction Track.

Instructor Permission required.
Student must contact Dr. Pizzimenti before adding to schedule.
marc-pizzimenti@uiowa.edu or 319-384-4644

Provide medical students with an opportunity to expand their knowledge and experience in medical education. This elective will promote investigating educational pedagogy in a laboratory setting coupled with self-directed learning of anatomical content relevant to professional development. The primary focus of this elective will be to prepare, design, and implement four teaching interactions with M1/D1/PA1 students. In addition to the teaching interactions, students will design a classroom exercise (e.g., interactive lecture, learning activity, or computer-based study module) that helps bridge the basic science content with a clinical procedure.

- Review regional dissections in the identified areas of interest
- Participate in guiding students through dissection process
- Identify and implement various teaching strategies suitable for laboratory and classroom setting
- Design and present a learning module for the regional anatomy studied

ACB:8405 Advanced Clinical Neuroanatomy - 2 weeks

Faculty: Dr. Justin Sipla
Dr. Tracey Cho

Offered: SP24 - 3/25
SP25 - 3/24

Administrative Contact: Julie Collins
julie-collins@uiowa.edu
(319) 335-7197

Max Enrollment: 10

Report To: See ICON or departmental email

Special Conditions: Grading is PASS/FAIL only

Primarily restricted to M4s with specialty interest in Neurology, Pediatric Neuro, Neurosurgery,

Neuropathology, Neuroradiology, or any related field; contact Registrar staff, CCOM-Schedule@uiowa.edu, to add.

M3s and those with other specialty interests must gain permission from instructor to add the course.

In this course, students will be exposed to focused training in interpreting cross-sectional neuroanatomy, at a level far exceeding what is currently taught in the preclinical curriculum. This will build on prior training in diagnostic neuroimaging of the human brain during Phases 1 and 2 of the medical curriculum, with the aim of producing PGY-2 levels of readiness interpreting structural brain images. In addition, students will receive focused training in neurological, neurosurgical, and neuropathological case review, participate in neuropath brain-cutting sessions, and receive dedicated training in-lab practicing neurosurgical craniotomy procedures. Core knowledge and skills of neurological examination will be reinforced and applied within the context of clinical problems.

DEPARTMENT OF ANESTHESIA

Director: [Dr. Katherine Keech](#)
[Dr. Yasser El-Hattab](#)
[Dr. Shawn Simmons](#) - SNICU
[Dr. Justin Wikle](#) - Chronic Pain
[Dr. Lee Kral](#) - Chronic Pain

Contact: Lorri Barnes
6460 JCP
319-384-9273
lorri-barnes@uiowa.edu

ANES:8401 Clinical Anesthesia Senior Rotation - 4 weeks

Faculty: Dr. Katherine Keech & Dr. Yasser El-Hattab & Staff

Offered: All blocks

Administrative Lorri Barnes
Contact: 6460 JCP
319-384-9273
lorri-barnes@uiowa.edu

Max 4
Enrollment:

Report To: See ICON or departmental email

Special Prerequisite: ANES:8301
Conditions: Max 3 seats: May, June, July & August blocks

The student will: Build on the knowledge and experience gained from the two-week Anesthesia selective rotation (ANES:8301). Students will gain more advanced airway management skills. Students will encounter patients with complex medical and surgical conditions. The course will be tailored to meet the need and interest of the student; students will have an opportunity to spend extended time on subspecialty areas (OB, neuro, cardiac, pediatrics, regional/acute pain). Completion of an academic project (case report and discussion) is a requirement.

Course Objectives

This will be achieved through:

1. Preoperative, intraoperative, and postoperative care for patients undergoing surgical procedures.
2. Direct supervision by a staff anesthesiologist.
3. Attendance at conferences and teaching activities of the section, and completion of an academic project.

ANES:8402 Surgical & Neurosciences Intensive Care - 4 weeks

Faculty: Dr. Shawn Simmons & Staff

Offered: All blocks

Administrative Lorri Barnes
Contact: 6460 JCP

Max 12
Enrollment:

Report To: See departmental email

The student will:

1. Receive in-depth exposure to continuous invasive and non-invasive monitoring techniques including ECG, pulse oximetry, arterial blood pressure, central venous pressure, pulmonary artery pressure monitoring.
2. Gain experience in use of vasoactive drugs.
3. Gain experience in managing acid-base and fluid balance alterations associated with critical illnesses.
4. Be introduced to ventilatory management of critically ill patients.
5. Have exposure to critically ill patients.
6. Have exposure to trauma, transplant, and post-surgical patients in addition to offering a unique opportunity to work in the largest Surgical ICU and Neurosurgical ICU in the state of Iowa, as well as the Cardiovascular ICU.
7. Learn about neurologic monitoring, management of intracranial pressure, management of closed head injuries and exposure to management of other neurologic and neurosurgical emergencies.
8. Be exposed to the role of multi-disciplinary management teams with clinical nutrition service, physical therapy, and social work.

Course Objectives

This will be achieved through:

1. Involvement in the care of critically ill patients in the Surgical and Neurosciences Intensive Care Unit (SNICU) and the Cardiovascular Intensive Care Unit (CVICU) under the supervision of residents, fellows and staff.
2. Participation during teaching rounds.
3. Attendance at conference seminars and teaching activities provided by the SNICU and the CVICU.

ANES:8403 Chronic Pain Management - 2 weeks

Faculty: Dr. Lee Kral, Dr. Justin Wikle & Staff

Offered: August through June.
Closed July.

Administrative Contact: Lorri Barnes
6460 JCP
319-384-9273
lorri-barnes@uiowa.edu

Max Enrollment: 2

Report To: See ICON or departmental email

Special Conditions: Grading is PASS/FAIL only

The student will: Learn how to interview and assess patients with pain, work with a multidisciplinary team to determine the type of pain and/or diagnosis and develop a multimodal treatment plan. The experience is structured to immerse the physician-in-training into a multidisciplinary pain management team. Students will have the opportunity to work with faculty members, fellows, residents, a pain pharmacist and psychologists in the Pain Management Center. Students will learn basic interventional approaches to treating pain and observe interventional pain procedures. Students will subsequently document a clinic visit and present one clinical case at morning didactic

rounds.

Course Objectives

This will be achieved through:

1. Required and suggested reading.
2. In group, individual topic or clinical case discussion with faculty and fellows, and during hands-on patient care.
3. Attending morning didactic lectures followed by seeing clinic patients in concert with fellows and faculty initially and then independently with staffing by faculty; presentation of clinical case during morning rounds.

ANES:8495 Intensive Care Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Lorri Barnes

Contact: 6460 JCP
319-384-9273
lorri-barnes@uiowa.edu

Report To: See off-campus institution email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum, additional credit given in multiples of 2-week periods.

This rotation will be individually arranged by the student with the approval of the department.

The student will:

1. Receive in-depth exposure to continuous invasive and non-invasive monitoring techniques including ECG, pulse oximetry, arterial blood pressure, central venous pressure, pulmonary artery pressure monitoring.
2. Gain experience in use of vasoactive drugs.
3. Gain experience in managing acid-base and fluid balance alterations associated with critical illness.
4. Be introduced to ventilatory management of critically ill patients.

Course Objectives

This will be achieved through:

1. Involvement in the care of critically ill patients in the Intensive Care Unit under the supervision of residents, fellows and staff of the host institution.
2. Participation during teaching rounds.
3. Attendance at conference seminars and teaching activities provided by the ICU.

ANES:8497 Research in Anesthesia - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Lorri Barnes
Contact: 6460 JCP
319-384-9273
lorri-barnes@uiowa.edu

Report To: See supervising faculty email

Special Individually arranged elective form
Conditions: must be submitted a minimum of 4
weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of
consecutive 2-week periods.

The purpose of this elective is to provide introductory experience in departmental research for those individuals considering greater in-depth training at a later time.

Credit for this specially arranged course is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

ANES:8498 Special Study On-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Lorri Barnes
Contact: 6460 JCP
319-384-9273
lorri-barnes@uiowa.edu

Report To: See ICON or departmental email

Special Individually arranged elective form
Conditions: must be submitted a minimum of 4
weeks prior to start of rotation.

2 consecutive weeks minimum.
Additional credit given in multiples of
2-week periods.

Credit for this specially arranged course is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

ANES:8499 Special Study Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Lorri Barnes

Contact: 6460 JCP
319-384-9273
lorri-barnes@uiowa.edu

Report To: See off-campus institutional email.

Special Individually arranged elective form
Conditions: must be submitted a minimum of 4
weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of
consecutive 2-week periods.

Credit for this specially arranged course is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

DEPARTMENT OF CARDIOTHORACIC SURGERY

Director: [Dr. Mohsen Karimi](#)

Contact: [Jody Gingerich](#)

Clerkship Coordinator/Program Coordinator CT Fellowship &
I-6 Residency
500Z GH
319-356-4518

CTS:8401 Advanced Inpatient Sub-Internship in CT Surgery - 4 weeks

Faculty: Cardiac, Thoracic, Congenital

Offered: All blocks

Administrative Jody Gingerich

Max 2

Contact: jody-gingerich@uiowa.edu
319-356-4518

Enrollment:

Report To: See ICON or departmental email.

The student will participate in the diagnosis, preoperative, operative, and postoperative care of thoracic and cardiac patients. He/she will attend all scheduled conferences of the division. The student will assume responsibility and act as an intern. These students may concentrate their interest in either cardiac surgery or thoracic surgery. The student will be responsible for diagnosis and management of patients on an inpatient service under close supervision by an upper level resident and a faculty member.

Course Objectives

The student will: 1) Increase his/her clinical skills by assuming a junior resident level of responsibility for management of a limited number of cardiothoracic patients. The student will increase their proficiency in perioperative patient assessment and management, assisting in procedures and interpret laboratory tests and diagnostic studies. The student's experiences will consist predominantly (>90%) of inpatient responsibilities.

This will be achieved by: 1) Working on Cardiac and Thoracic Surgery service as a Sub-Intern by taking night/weekend calls, attending clinics, participating in procedures, and post procedure patient management. The student will have similar responsibilities to a junior resident for their limited number of patients including (1) the daily assessments and documentation associated with inpatient care, (2) participation in procedures, (3) post-procedure documentation, and (4) writing orders, albeit under close supervision by the team's upper-level resident.

Additional Course Information

At least one week prior to the clerkship, students must email Dr. Karimi /Jody Gingerich with two or more proposed realistic goals for their sub-internship month, which may be subject to change based on feasibility of the purposed goals. Near the middle/end of the clerkship, students will meet with Dr. Karimi addressing how their goals were or were not met. Jody will facilitate the student's meetings.

The student will attend all departmental resident conferences and present 15- minute case study towards the end of the rotation. In addition, the student will take night call with the assigned team at least one night per week and one 12-hour weekend call.

CTS:8497 Research in CT Surgery - 4 weeks

Faculty: Cardiothoracic Surgery Staff

Offered: Arranged

Administrative Jody Gingerich

Contact: jody-gingerich@uiowa.edu
319-356-4518

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum, additional credit given in multiples of 2-week periods.

A short- or long-term research project will be arranged with the instructors. This may involve clinical material or laboratory. The student will organize and complete a project, finishing with a publishable manuscript.

CTS:8498 CTS On-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Jody Gingerich

Contact: jody-gingerich@uiowa.edu
319-356-4518

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

2 consecutive weeks minimum, credit given in multiples of 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

Additional Course Information

Students are responsible for evaluations. Jody Gingerich will email you the evaluation before your rotation starts.

CTS:8499 CT Surgery Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Jody Gingerich

Contact: jody-gingerich@uiowa.edu
319-356-4518

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum, credit given in multiples of 2-week periods.

Individually arranged by student with approval of the department. Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

DEPARTMENT OF DERMATOLOGY

Director: [Dr. Vincent Liu](#)

Contact: [Kate Scheer](#)
40024 PFP
319-356-1694

[Pat Swenka](#)
40028 PFP
319-384-5470

DERM:8401 Dermatology Elective - 4 weeks

Faculty: Dr. Liu and Staff

Offered: All blocks

Administrative Kate Scheer
Contact: 319-356-1694
kathryn-scheer@uiowa.edu

Max 2
Enrollment:

Patricia Swenka
319-384-5470
patricia-swenka@uiowa.edu

Report To: See ICON or departmental email

Special Prerequisite: DERM:8301
Conditions:

The student will

1. acquire a deeper familiarity with basic skin anatomy, physiology and pathology;
2. understand the importance of morphology and description of diagnosing cutaneous disease;
3. learn how to perform and document a complete skin examination;
4. learn to generate appropriate differential diagnoses for skin conditions;
5. learn the most common and clinically most significant dermatologic conditions;
6. become familiar with fundamental dermatologic diagnostic techniques;
7. become familiar with minor skin surgical procedures; and
8. formulate appropriate plans for management of patients with dermatologic disease.

Course Objectives

This will be achieved through experience

1. in the UIHC Dermatology Clinic and IRL Derm clinic
2. at Iowa City Veteran Affairs/VA Medical Center;
3. with specially scheduled surgery patients;
4. on the UIHC Dermatopathology Service; and
5. with inpatient consultations.

DERM:8497 Research in Dermatology - 4 weeks

Faculty: Dr. Liu and Staff

Offered: Arranged

Administrative Contact: Kate Scheer
319-356-1694
kathryn-scheer@uiowa.edu

Patricia Swenka
319-384-5470
patricia-swenka@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum, credit given in multiples of 2-week periods.

The purpose of this elective is to provide introductory experience in dermatological research. This will be achieved by assignment to a primary investigator (PI) within the department. The student will be expected to set clear goals and expectations in concert with the PI, with whom the student will regularly meet throughout the experience.

DERM:8498 Dermatology On-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Contact: Kate Scheer
319-356-1694
kathryn-scheer@uiowa.edu

Patricia Swenka
319-384-5470
patricia-swenka@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

2 consecutive weeks minimum, credit given in multiples of 2-week periods.

Individually arranged by student with approval of the department. Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

DERM:8499 Special Study Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Kate Scheer
Contact: 319-356-1694
kathryn-scheer@uiowa.edu

Patricia Swenka
319-384-5470
patricia-swenka@uiowa.edu

Report To: See ICON or departmental email

Special Individually arranged elective form
Conditions: must be submitted a minimum of 4
weeks prior to start of rotation.

4 consecutive weeks minimum, credit
given in multiples of 2-week periods.

Individually arranged by student with approval of the department. Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

DEPARTMENT OF EMERGENCY MEDICINE

Director: [Dr. Brooks Obr](#)
[Dr. Carly Theiler](#)

Contact: [Nathan Kramer](#)
1010 RCP
319-384-7290

EM:8401 Advanced Life Support Skills - 4 weeks

Faculty: Dr. Jon Van Heukelom

Offered: 7/8/24 Only
7/7/25 Only

Administrative Nate Kramer, MPH
Contact: 319-325-8786
nathan-kramer@uiowa.edu

Max 20
Enrollment:

Report To: See ICON or departmental email

Special Grading is PASS/FAIL only
Conditions:
Prerequisite: Strong interest in
Emergency Medicine.

Students will undergo an intensive program providing “basic training” in life support skills. This 4-week elective coincides with the emergency medicine intern orientation and is designed for the medical student with a strong interest in specializing in emergency medicine. The month is divided among lectures, demonstrations, skills labs, procedural workshops, small groups, high fidelity simulation, manikin training, cultural and diversity training, wilderness medicine, journal club, and patient care. Students will develop an advanced understanding of prehospital triage, transport, and initial stabilization of critically ill patients. Critical care procedures will be taught through procedural skills labs. Students will complete up to 5 clinical shifts in the department at UIHC.

Course Objectives

In the process of the course, students can become certified in Advanced Cardiac Life Support (ACLS) and Pediatric Advanced Life Support (PALS). These courses are optional.

Students will receive training in the recognition and management of common clinical problems as well as critical care training in trauma, respiratory emergencies, cardiovascular emergencies, neurologic emergencies, endocrine emergencies, and septic shock. In addition, special populations will be discussed including pediatrics and geriatrics. The rotation will include a wilderness medicine race at Lake MacBride.

Nearly 100% of the faculty from the Department of Emergency Medicine will teach some aspect of this course, especially residency leadership with oversight by the course director.

EM:8402 Emergency Medicine UIHC - 4 weeks

Faculty: Dr. Carly Theiler

Offered: Closed July Block

Administrative Nate Kramer, MPH
Contact: 319-325-8786
nathan-kramer@uiowa.edu

Max 5
Enrollment:

Report To: See ICON or departmental email

Special All time off requests must be
Conditions: submitted 2-weeks prior to the start of
the rotation.

Attendance is mandatory on days 1 &
2 of rotation for orientation and
didactic day.

Only for those who have decided on
or are strongly considering Emergency
Medicine as a specialty choice.

This course is a more rigorous/in-depth Emergency Medicine experience, only for those who have decided on or are strongly considering Emergency Medicine as a specialty choice. This course will need to be completed in order to obtain an E-SLOE (Standardized Letter of Evaluation) for EM Residency applications from UIHC.

A 4-week clerkship with emergency medicine residents and faculty in which the principles of acute care medicine and the approach to life threatening disease are emphasized. The student will perform under the close supervision of the staff and resident physicians in the Emergency Department.

Students will be scheduled for 14 shifts. A combination of day, evening, and night shifts including weekdays and weekends is required to maximize exposure to a wide range of patient presentations.

The Carver College of Medicine policy on attendance and time off requests will be followed. Please keep this in mind when registering.

Students must attend orientation typically at 8:00 am on the first day of the clerkship followed by a didactic day. Students are additionally required to complete a systems-based practice project and ethics paper. Student evaluation will be based on a combination of ED clinical performance and an EM Shelf exam.

Additional Course Information

If you are considering emergency medicine as a specialty choice, it is strongly recommended that you rotate at the University of Iowa Hospitals and Clinics in Iowa City for purposes of obtaining a Standardized Letter of Evaluation (SLOE).

EM:8403 Wilderness Medicine - 4 weeks

Faculty: Dr. Dan Wing &
Dr. Sara Burnham Wing

Offered: SP24 -- 3/25/24
SP25 -- 3/24/25

Administrative Nate Kramer, MPH
Contact: 319-325-8786
nathan-kramer@uiowa.edu

Max 12
Enrollment:

Report To: See ICON or departmental email

Special Student must have current CPR
Conditions: certificate.

Can only take final M4 semester.

Student is responsible for travel expenses. Student is required to sign conditions of participation certificate.

Course focuses on provision of medical care in the remote and austere environment. It includes special topics on illnesses and injuries that occur in these conditions as well as survival skills for the care provider. Scenario and didactic training in wilderness medicinal skills are completed including travel out of state for a field experience. Considerable time commitment required.

Student is responsible for travel expenses. Student is required to sign conditions of participation certificate.

Wilderness Medicine is directed by Dr. Dan Wing. Please direct questions about the course to dtwing1@gmail.com

EM:8404 Emergency Medicine St. Luke's, Cedar Rapids - 4 weeks

Faculty: Dr. Sarah Hemming-Meyer

Offered: All periods except July block, when ALS/EM:8401 is offered.

Administrative Nate Kramer, MPH
Contact: 319-325-8786
nathan-kramer@uiowa.edu

Max 2
Enrollment:

Report To: Nurses' Station, St. Luke's ER, 319-369-7105
See ICON or departmental email

Special Grading is PASS/FAIL only
Conditions: Scrubs are provided or student may wear lab coat. Nametags must be worn.

Preceptorship with full time Emergency Department Physicians. Exposure to full spectrum of Emergency Department patients including the range from minor trauma and infectious diseases, to major trauma and cardiovascular emergencies. Students will perform under close supervision.

Student evaluation based on clinical evaluation. Clinical evaluation will be based on performance by St. Luke's faculty on a shift by shift basis.

The Carver College of Medicine policy on attendance and time off requests will be followed. Keep this in mind when registering.

Students will work 14 shifts per month; shifts are a mix of days and nights. The shifts are 10 hours and the times

your work will vary throughout the rotation. Time off requests must be submitted at least 1 week prior to the start of the rotation. Dr. Hemming-Meyer will make the schedule.

Additional Course Information

If you are considering emergency medicine as a specialty choice, it is strongly recommended that you rotate at the University of Iowa Hospitals and Clinics in Iowa City for purposes of obtaining a Standardized Letter of Evaluation (SLOE). SLOEs cannot be obtained from this rotation.

EM:8405 Rural Emergency Medicine, Burlington - 4 weeks

Faculty: Dr. Brenna Patterson

Offered: All periods except closed July block, when ALS/EM:8401 is offered.

Administrative Contact: Nate Kramer, MPH
319-325-8786
nathan-kramer@uiowa.edu

Max Enrollment: 1

Report To: Keely Bullington
KWood@grhs.net
Great River Medical Center Emergency Room
1221 S. Gear Ave

Special Conditions: Grading is PASS/FAIL only

Preceptorship designed to provide an in-depth exposure to the management of a wide range of clinical problems in a rural setting. The rotation is specifically recommended for those students with career interests in providing medical care in rural environments. The host hospital, Great River Medical Center, is a rural resource institution designated as a Level III trauma center. The attending emergency department physicians are all residency trained in emergency medicine, hold certification from the ABEM and practice in a democratic, independent group model of organization. Students will perform under the direct supervision of the attending physicians and will be encouraged to gain experience in both diagnostic and procedural skills. Performance will be evaluated by clinical performance assessments. Schedule arrangements will be flexible but will include an average of 120 clinical contact hours.

The Carver College of Medicine policy on attendance and time off requests will be followed. Please keep this in mind when registering.

Additional Course Information

If you are considering emergency medicine as a specialty choice, it is strongly recommended that you rotate at the University of Iowa Hospitals and Clinics in Iowa City for purposes of obtaining a Standardized Letter of Evaluation (SLOE). SLOEs cannot be obtained from this rotation.

EM:8406 Emergency Medicine-Ambulatory Care, Broadlawns - 4 weeks

Faculty: Dr. Jim Cummings, Medical Director &
ER Staff Physicians

Offered: All periods except closed July block,
when ALS/EM:8401 is offered.

Administrative Nate Kramer, MPH
Contact: 319-325-8786
nathan-kramer@uiowa.edu

Max 1
Enrollment:

Report To: Molly Pitts
mpitts@broadlawns.org

Special Grading is PASS/FAIL only
Conditions: Housing provided.

The student will be supervised and taught by the attending staff who are board certified in family practice and/or emergency medicine. The student will be scheduled to work a rotation involving days, evenings, nights and weekends to ensure an exposure to the varying patterns of emergency medicine patients. During the day, students will attend morning report and noon teaching conferences.

The student will be exposed to a high-volume emergency department that records approximately 2500 patient visits per month where they will work side-by-side with PAs and Residents. The student will also have exposure to pre-hospital care and our 24 hour a day Crisis Intervention Mental Health Team.

All students are oriented to the E.D. and ancillary services on the first day of the rotation by Medical Education staff, the attending physician on duty, the Crisis Team, the charge nurse, and the Director of Social Services. Students are encouraged to come with a desire to: 1) work hard; 2) learn by doing; 3) grow and mature as a physician.

The Carver College of Medicine policy on attendance and time off requests will be followed. Please keep this in mind when registering.

Additional Course Information

If you are considering emergency medicine as a specialty choice, it is strongly recommended that you rotate at the University of Iowa Hospitals and Clinics in Iowa City for purposes of obtaining a Standardized Letter of Evaluation (SLOE). SLOEs cannot be obtained from this rotation.

EM:8407 Emergency Department Rotation - MercyOne - Waterloo - 4 weeks

Faculty: Dr. Stuart Feldman

Offered: All periods except closed July block,
when ALS/EM:8401 is offered.

Administrative Nate Kramer, MPH
Contact: 319-325-8786
nathan-kramer@uiowa.edu

Max 1
Enrollment:

Report To: Crystal Zikuda
czikuda@neimef.org
2055 Kimball Avenue
Waterloo, IA 50702

Special Grading is PASS/FAIL only
Conditions: Single housing and meals will be
provided within the hospital. It is
required that the student have a car
available.

The student will: 1) increase his/her ability in assessment of patients with common emergencies; 2) increase his/her ability in management of acute illnesses; and 3) learn the components of the emergency medical service systems.

This will be achieved through: 1) participation in the care of patients seen in the Emergency Department and Outpatient areas of MercyOne Medical Center; and 2) attendance at teaching conferences and seminars.

Approximately 27,000 patients are seen in this facility either by full-time Emergency Department physicians or private physicians. A panel of full-time Emergency Department physicians provides 24-hour-a-day coverage. A supervising physician is always present, and the student is assigned to him/her.

Major and minor trauma and medical and surgical emergencies account for 15% of the patients seen. The remainder of the patients are seeking ambulatory care for a variety of health problems.

The largest volume of patients is usually seen in this facility during the late afternoon and evening hours and on weekends. The student's hours will be adjusted to provide a balanced exposure to the variable patient load.

The student will be expected to attend all appropriate scheduled conferences within the Family Practice Center and appropriate in-service programs within the area hospitals. He/she will be invited as a guest to attend hospital staff meetings, County Medical Society meetings and continuing medical education programs as they occur.

The Carver College of Medicine policy on attendance and time off requests will be followed. Please keep this in mind when registering.

Additional Course Information

If you are considering emergency medicine as a specialty choice, it is strongly recommended that you rotate at the University of Iowa Hospitals and Clinics in Iowa City for purposes of obtaining a Standardized Letter of Evaluation (SLOE). SLOEs cannot be obtained from this rotation.

EM:8411 Medical Toxicology UIHC - 2 or 4 weeks

Faculty: Dr. Marielle Brenner

Offered: Arranged - Permission Required.
Email nathan-kramer@uiowa.edu

Administrative Nate Kramer, MPH
Contact: 319-325-8786
nathan-kramer@uiowa.edu

Max 2
Enrollment:

Report To: See ICON or departmental email.

Special Grading is PASS/FAIL only
Conditions:
Prerequisite: Completion of
Emergency Medicine or Critical Care
Medicine (excluding NICU).

Student responsibilities: The rotation will center on our morning rounds for the Toxicology Consult Service. We work in conjunction with the Iowa Poison Control Center and do bedside evaluations of our patients. Students will be responsible for seeing patients prior to rounding, and then presenting them to the toxicology staff and the rest of the consult team on rounds each morning. Treatment plans will be discussed, and this will be relayed to the primary/consulting team. Students will also be responsible for assisting the Poison Control Center in obtaining and recording data on the patients that we see. During the day, students may also join the toxicology staff and any

residents while evaluating new patients in the Emergency Department or elsewhere in the hospital. We will also review Poison Center cases from elsewhere in the state to get more exposure to real-life cases. Depending on the census of the service, students will likely be responsible for 1-2 patients at a time. The types of patients that the student will see will depend on the types of patients and overdoses that present to the hospital.

Along with the student's clinical responsibilities, they will give a short presentation on a subject of interest relating to medical toxicology. Students may also be asked to give more informal presentations on topics that come up during rounds. Students will be evaluated based on completion of assigned tasks, attendance and participation, as well as their knowledge, clinical skills, and professionalism. Grading is pass/fail. To pass the rotation, the student must attend daily rounds, pre-round and present assigned patients, participate actively in didactics, and give their presentation.

Course Objectives

Students will undergo an in-depth introduction to Medical Toxicology. This 2- or 4-week elective will teach students how to recognize and treat the various toxidromes, as well as the most common toxicologic exposures. Students will be introduced to initial management steps for life-threatening toxicologic exposures, as well. Teaching will focus on the basics of pathophysiology and pharmacology to understand how drugs affect our patients. We will also focus on critical assessment of laboratory and other data obtained on the poisoned patient.

Additional Course Information

Didactics: Small group didactics will take place on a daily basis. Didactic teaching will cover a lecture series of core toxicology topics to reinforce and elaborate on what we discuss during rounds. Lectures will cover toxidromes, decontamination principles, acetaminophen, salicylates, antidepressants, antipsychotics, lithium, iron, antiepileptics, calcium-channel blockers, beta-blockers, digoxin, anticoagulants, common household products, carbon monoxide, cyanide, serotonin syndrome, neuroleptic malignant syndrome, and drugs of abuse. Students will also be expected to attend weekly Emergency Medicine conference held each Thursday morning. There will also be monthly or bi-weekly toxicology journal clubs. There may also be opportunities to participate in regional and/or national case conferences (via telephone or web-based applications), depending on the dates of these conferences.

EM:8412 Emergency Medicine, Unity Point, Des Moines - 4 weeks

Faculty: Brittany Jensen, MD
Course Director

Administrative Contact: Nate Kramer, MPH
319-325-8786
nathan-kramer@uiowa.edu

Max Enrollment: 2

Report To: Charge Nurse's desk in the ER at the designated hospital of the shift: Iowa Lutheran Hospital (ILH), Iowa Methodist Medical Center (IMMC), or Methodist West Hospital (MWH). Sam Heckethorn, Physician Support Analyst, 515-241-6262.

Special Conditions: Grading is PASS/FAIL only

Housing and other student resources may be available through the Des Moines Medical Education Consortium Office. Contact Wendi Kruger or 515-241-4455. Attendance is mandatory at UIHC 1st day of rotation for orientation and simulation day.

Grading: Pass/Fail

The student will complete shifts in the Level 1 Trauma Center at Methodist Medical Center in downtown Des Moines, as well as rotate through Methodist West (in suburbs of West Des Moines) and Lutheran Hospital (on Des Moines' East side, with a higher proportion of indigent care and mental health and substance abuse disorders). This rotation includes the following components: clinical shifts in the emergency department and additional opportunities for education in simulation, ultrasound, procedural training, and journal clubs. Students will be scheduled for a total of approximately 140 clinical hours divided into 14-16 shifts of varying lengths (8hr, 9hr, 10hr, 12hr) mirroring the faculty schedules during the 4-week rotation.

Student evaluation will be based on ED clinical performance.

Additional Course Information

If you are considering emergency medicine as a specialty choice, it is strongly recommended that you rotate at the University of Iowa Hospitals and Clinics in Iowa City for purposes of obtaining a Standardized Letter of Evaluation (SLOE).

EM:8413 Emergency Medicine, Genesis Davenport - 4 weeks

Faculty: Destinee DeLemos, MD
Course Director
480-452-8806

Offered: All blocks except July/Closed July

Administrative Contact: Nate Kramer, MPH
319-325-8786
nathan-kramer@uiowa.edu

Max Enrollment: 1

Report To: Charge Nurse's desk in the ER at the designated hospital of the shift:
Genesis East Medical Center or
Genesis West Medical Center.

Special Conditions: Grading is PASS/FAIL only

Housing and other student resources may be available through the Genesis Medical Center Family Medicine and student rotation coordinator, Trish Halligan.

The student will: work in our Level 3 Trauma Medical Center in downtown Davenport, as well as rotate through Genesis West in West Davenport (with a higher proportion of indigent care and mental health and substance abuse disorders). This rotation includes the following components: clinical shifts in the emergency department, self-study or guided-review presentations on core emergency medicine topics, and a short list of key readings. Students will be scheduled for a total of approximately 140 clinical hours divided into 14-16 shifts of varying lengths (10hr, 12hr) mirroring the faculty schedules during the 4-week rotation.

Additional Course Information

If you are considering emergency medicine as a specialty choice, it is strongly recommended that you rotate at the University of Iowa Hospitals and Clinics in Iowa City for purposes of obtaining a Standardized Letter of Evaluation (SLOE). SLOE's cannot be obtained from this rotation.

EM:8497 Research in Emergency Medicine - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Nate Kramer, MPH
Contact: 319-325-8786
nathan-kramer@uiowa.edu

Report To: See ICON or departmental email.

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to the beginning of the rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of 2-week periods.

The purpose of this elective is to provide introductory experience in department research for those individuals considering greater in-depth training at a later time.

Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

EM:8498 Emergency Medicine On-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Nate Kramer, MPH
Contact: 319-325-8786
nathan-kramer@uiowa.edu

Report To: See ICON or departmental email.

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to the beginning of the rotation.

2 consecutive weeks minimum,
additional credit given in multiples of 2-week periods.

Individually arranged by student with approval of the department.

EM:8499 Emergency Medicine Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Nate Kramer, MPH

Contact: 319-325-8786
nathan-kramer@uiowa.edu

Report To: See ICON or departmental email.

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by student with approval of the department. Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

This clerkship teaches the principle of emergency medicine. The student will perform under the close supervision of a staff physician. Student evaluation will be based on his/her performance in the emergency room and any required didactics and exam.

Dr. Obr must approve this rotation at the time of your registration. In the past such hospitals have been the following: Denver Health Medical Center, Denver, CO; Hennepin County Medical Center, Minneapolis, MN; Regions Hospital, St. Paul, MN; however, the rotations are not limited to these hospitals.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

DEPARTMENT OF FAMILY MEDICINE

Director: [Dr. Stacey Appenheimer](#)

Contact: [Clerkship Coordinator](#)

01293-C PFP

319-384-7517

FAM:8401 Advanced Inpatient Sub-Internship in Family Medicine - 4 weeks

Faculty: Jessica Rockafellow, MD, Course
Director

Offered: All blocks

Administrative Morgan Kremer

Contact: Clerkship Coordinator

319-384-7517

fm-clerkship@uiowa.edu

Max 1

Enrollment:

Report To: See ICON or departmental email

Special Conditions: Student should be without other obligations during the time period.

This course will emphasize the inpatient aspects of family medicine, including:

- Increase skills at assessment, diagnosis, treatment, and management of patients with illnesses commonly seen by the family physician in the hospital setting.
- Caring for families and patients throughout the lifespan.
- Medical decision-making.
- The interaction between inpatient care and the ER and clinical settings.
- Prevention and patient education.
- Use of the electronic medical record and electronic data entry.

Supervision:

- The student will be supervised by senior residents and faculty on the Family Medicine Service. The student reports to the senior resident who will assign daily responsibilities and weekly schedule.

Patient care:

- Function as an R1 on the Family Medicine Inpatient Service with responsibility for initial assessment of patients in the emergency department, ICU or clinic. This includes obtaining a complete history, physical exam, and developing a differential diagnosis and strategy for prudent diagnostic work-up and treatment.
- Follow patients daily in the hospital from admission to discharge, writing orders (to be co-signed by the resident or staff), progress notes and discharge summaries.
- Be actively involved in gathering needed background information about the diagnosis and treatment of patients; assist in the library research and reference work indicated.
- Practice evidence-based medicine with a clear and logical rationale for each diagnosis and each therapeutic recommendation.

Call:

Student will complete three 24 hour calls over the 4-week rotation if not yet completed per CCOM requirements. Students will be given the opportunity to participate in a week of night float.

Conferences:

Students are invited to attend teaching conferences provided by the Department of Family Medicine at UIHC when

applicable to the student. Conferences may occur at 12:15 or Wednesday afternoons.

Course Objectives

1. Evaluate and diagnose patients with co-morbid conditions and/or complex management issues.
2. Propose management plans for patients with co-morbid conditions and/or complex management issues.
3. Complete inpatient stay documentation, such as admission notes, progress notes, placing orders and discharge summaries.
4. Demonstrate a level of initiative and involvement equivalent to that of an early-stage intern.
5. Coordinate patient care within interprofessional teams including transitions of care.
6. Provide education and counseling to patients and/or patient families.
7. Attend to psychological, social, and behavioral factors that influence health and disease
8. Form clinical questions and retrieve evidence to optimize patient care
9. Give or receive a patient handoff to transition care responsibility

Additional Course Information

Students taking this rotation must be seriously considering entering the specialty of Family Medicine.

FAM:8402 University of Iowa Family Medicine - 2 or 4 weeks

Faculty: Stacey Appenheimer, MD, MME,
Course Director

Offered: All blocks

Administrative Morgan Kremer
Contact: Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

This course will emphasize the outpatient aspects of key components of family medicine, including:

- Continuity of care
- Comprehensive care
- Caring for entire families and caring for patients throughout the lifespan
- Integration of health care in the local community
- Patient education
- Care for acute and chronic diseases

Expectations:

- Gain skill in assessment, diagnosis, treatment, and management of patients with common illnesses seen in the ambulatory setting while assigned to the Family Care Center.
- Work collaboratively with the other members of the healthcare team.
- Attend Family Medicine conferences.

Additional Course Information

Students taking this rotation must be seriously considering entering the specialty of Family Medicine.

FAM:8403 Advanced Preceptorship in Family Medicine - 2 or 4 weeks

Faculty: Stacey Appenheimer, MD, MME,
Course Director

Offered: All blocks

Administrative Morgan Kremer

Contact: Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Once registered for this preceptorship, you must contact fm-clerkship@uiowa.edu to make arrangements for preceptorship site.

This course will emphasize the outpatient aspects of key components of family medicine, including:

- Continuity of care
- Comprehensive care
- Caring for entire families and caring for patients throughout the lifespan
- Integration of health care in the local community
- Patient education
- Care for acute and chronic diseases

This will be accomplished by spending the allotted clerkship time in the practice of and under the supervision of a certified family physician selected from a pool of physicians representing a variety of rural and urban practices in Iowa. This pool consists of both solo practitioners and those practicing in varying group sizes, thereby affording each student the opportunity to select the type of situation which he/she is most interested in investigating.

Additional Course Information

Students taking this rotation must be seriously considering entering the specialty of Family Medicine.

FAM:8405 Geriatrics Elective - 2 or 4 weeks

Faculty: Drs. Nick Butler, Richard Dobyns,
Scott Larson, Margo Schilling and
Jason Wilbur.

Offered: All blocks

Administrative Gretchen Schmuck

Contact: gretchen-schmuck@uiowa.edu

Max 1

Enrollment:

Report To: See ICON or departmental email

Students will:

- Monitor and evaluate the health and functional status of patients 65 or older in the Geriatric Assessment Clinic and in some community settings
- Increase their knowledge of how to handle medical and psychosocial problems of the elderly
- Participate in conferences including Geriatrics Staffing and Geriatrics Journal Club

Time and resources are available for students to read about their patients' problems. Special original clinical investigation projects can be developed by students.

FAM:8408 Family Medicine Clerkship, Broadlawns - 4 weeks

Faculty: All Family Medicine Faculty Residency Program

Offered: All blocks

Administrative Molly Pitts

Max 1

Contact: mpitts@broadlawns.org

Enrollment:

Expectations:

- function as an intern-equivalent in both the outpatient clinic and inpatient areas at Broadlawns Medical Center
- increase his/her knowledge in family medicine, demonstrating continuity/comprehensiveness of care as well as preventive aspects
- increase skills in those procedures appropriate to a family physician
- learn office management and how to utilize an electronic medical record system.

Course Objectives

The student will:

- function as an intern-equivalent in both the outpatient clinic and inpatient areas at Broadlawns Medical Center
- increase his/her knowledge in family medicine, demonstrating continuity/comprehensiveness of care as well as preventive aspects
- increase skills in those procedures appropriate to a family physician
- learn office management and how to utilize an electronic medical record system.

FAM:8409 Advanced Inpatient Sub-Internship in Family Medicine, Iowa Lutheran - 4 weeks

Faculty: Dr. Kelli Roenfanfz and Staff

Offered: All blocks

Administrative Morgan Kremer

Max 1

Contact: Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Enrollment:

Report To: Des Moines Medical Education
Consortium Office, 515-241-4455

Special Conditions: Room provided; subsidized meal allowance.

The student will:

- Have assigned patients they will manage.
- Initially evaluate their patient(s) either prior to admission in the emergency department or as a direct admission. This will include a pertinent history, physical, differential diagnosis, and prudent diagnostic testing. The medical student will staff the patient with the residents and faculty member on the Family Practice In-Patient Service (FPIPS).
- Follow the patient daily, writing a S.O.A.P. and staffing as above.
- Participate daily in work rounds with the FPIPS residents.
- Participate in daily attending rounds with the FPIPS residents and faculty member.
- Participate in FPIPS selected clinical topics discussion group.

Course Objectives

1. Evaluate and diagnose patients with co-morbid conditions and/or complex management issues.
2. Propose management plans for patients with co-morbid conditions and/or complex management issues.
3. Complete inpatient stay documentation, such as admission notes, progress notes, placing orders and discharge summaries.
4. Demonstrate a level of initiative and involvement equivalent to that of an early-stage intern.
5. Coordinate patient care within interprofessional teams including transitions of care.
6. Provide education and counseling to patients and/or patient families.
7. Attend to psychological, social, and behavioral factors that influence health and disease
8. Form clinical questions and retrieve evidence to optimize patient care
9. Give or receive a patient handoff to transition care responsibility

FAM:8410 Family Medicine Clerkship, Iowa Lutheran - 4 weeks

Faculty: Dr. Kelli Roenfanzen and Staff

Offered: All blocks

Administrative Morgan Kremer

Max 1

Contact: Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Enrollment:

Report To: Des Moines Medical Education
Consortium Office, 515-241-4455

Special Conditions: Room provided; subsidized meal allowance.

This is a four-week rotation in which the student will be based at the East Des Moines Family Care Center with over 22,000 patient visits annually.

The student will:

- Gain experience in delivering ambulatory care in a family practice office under the supervision of family physicians.
- Further develop interviewing and therapeutic skills.
- Gain skill in diagnosis and management of common illness as seen in a family practice office
- Develop skills in common procedures performed in a family practice office.

Course Objectives

These objectives will be accomplished by the students' participation in:

- The care of patients in the clinic and hospital setting.
- Attendance at scheduled lectures and conferences.

FAM:8411 Family Practice Clerkship, Davenport - 4 weeks

Faculty: Faculty of Family Medicine Residency Program

Offered: All blocks

Administrative Contact: Morgan Kremer
Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Max Enrollment: 1

Report To: Dean Bunting, MD
563-421-4455

Special Conditions: Permission required. Contact fm-clerkship@uiowa.edu

The student will:

- become familiar with problems seen commonly in a family medicine office and gain experience in the evaluation, diagnosis, and management of these patients.
- gain experience in the care of hospitalized family medicine patients.

This will be accomplished by:

- patient care in the rural branch office (Blue Grass) and in the Family Medicine model office (Davenport) with the direct support of staff and resident physicians;
- workup and management of some patients who require hospitalization,
- morning rounds with the family medicine team;
- exposure to occupational and geriatric medicine through staff involvement;
- teaching conferences.

FAM:8412 Advanced Inpatient Sub-I Family Medicine, Davenport - 4 weeks

Faculty: Faculty of Family Medicine Residency Program

Offered: All blocks

Administrative Contact: Morgan Kremer
Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Max Enrollment: 1

Report To: Dean Bunting, MD
563-421-4455

Special Conditions: Permission required. Contact fm-clerkship@uiowa.edu
Transportation required; meals and

lodging are provided.

-
- The student will be supervised by Faculty on the Family Medicine Service and the R3 on the Family Medicine rotation.
 - They will be provided with daily responsibilities by these two individuals working in conjunction.

Patient Care:

- The student will function the same as an R1 on the Family Medicine rotation with responsibility for initial ER evaluation of patients, or direct admissions from the FMC clinic or two rural practices. This includes obtaining an H & P, developing a differential diagnosis and creating a strategy for workup and initial treatment.
- The student will follow their patients daily in the hospital until discharge and write orders and progress notes along with the resident on the service, as well as helping arrange appropriate consultations.
- The student will participate in morning sit down rounds daily during the week and go on patient rounds with the faculty and R3 on the service.
- The student will also participate in morning didactic sessions, preparing by reading assigned articles or other materials chosen by the student (or R1 on the rotation) after doing literature searches on their inpatients.

Call:

The student will cover first call with resident once a week, helping answer phone calls and seeing ER patients.

Conference:

The student will be expected to attend noon (12:30) conference at the model clinic when not busy with hospital responsibilities.

Course Objectives

1. Evaluate and diagnose patients with co-morbid conditions and/or complex management issues.
2. Propose management plans for patients with co-morbid conditions and/or complex management issues.
3. Complete inpatient stay documentation, such as admission notes, progress notes, placing orders and discharge summaries.
4. Demonstrate a level of initiative and involvement equivalent to that of an early-stage intern.
5. Coordinate patient care within interprofessional teams including transitions of care.
6. Provide education and counseling to patients and/or patient families.
7. Attend to psychological, social, and behavioral factors that influence health and disease
8. Form clinical questions and retrieve evidence to optimize patient care
9. Give or receive a patient handoff to transition care responsibility

FAM:8415 Advanced Inpatient Sub-Internship in Family Practice, Sioux City - 4 weeks

Faculty: Michael Jung, MD

Offered: All blocks

Administrative Morgan Kremer

Max 1

Contact: Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Enrollment:

Report To: Contact Elly Johnson, elly-johnson@uiowa.edu, at least two weeks

Special Conditions: Permission Required.

prior to beginning of rotation to arrange meeting time and place.

Students taking this rotation must be going into the specialty of Family Medicine.

Transportation required.
Lodging is provided in an apartment very close to the Family Care Center. There may be other students staying there at the same time. The apartment has cooking facilities, but students may also take all meals at the hospitals.

The learner will gain experience in all areas of Family Medicine by participating as a junior resident. This will include maternity care, child and adolescent health, and adult medicine.

Expectations:

- The student will function at the level of a resident.
- The student will spend most of his/her time at St. Luke's Regional Medical Center under the supervision of upper-level residents and the faculty.
- The student will be expected to do the initial work-up of new patients, including writing a note, dictating the history and physical and writing orders with the resident or faculty. Patients will include maternity care including delivery and postpartum care.
- The student will be expected to round on the admitted patients and develop a care plan on a day-to-day basis.
- The student will see patients at the Family Medicine Center clinic about one afternoon per week.
- Call will be taken with the upper level resident one weeknight per week and one weekend of the rotation.
- Student will attend noon conferences on a daily basis.

Course Objectives

1. Evaluate and diagnose patients with co-morbid conditions and/or complex management issues.
2. Propose management plans for patients with co-morbid conditions and/or complex management issues.
3. Complete inpatient stay documentation, such as admission notes, progress notes, placing orders and discharge summaries.
4. Demonstrate a level of initiative and involvement equivalent to that of an early-stage intern.
5. Coordinate patient care within interprofessional teams including transitions of care.
6. Provide education and counseling to patients and/or patient families.
7. Attend to psychological, social, and behavioral factors that influence health and disease
8. Form clinical questions and retrieve evidence to optimize patient care
9. Give or receive a patient handoff to transition care responsibility

FAM:8416 Family Practice Clerkship, Sioux City - 2 or 4 weeks

Faculty: Michael Jung, MD

Offered: Arranged

Administrative Morgan Kremer

Contact: Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Max 1

Enrollment:

Report To: Dr. Michael Jung

Special Conditions: Permission required: email fm-clerkship@uiowa.edu

Contact Mindy Brenner,
m.brenner@slmef.org, once assigned
to this rotation to make arrangements.

The student will:

- be introduced to the methods used in common medical practice oriented towards Family Medicine
- increase his/her abilities to manage common health problems seen by a family physician

This will be accomplished by:

- participation in the care of patients seen by the physician and residents of the Family Medicine residency program with the supervision of selected faculty and residents
- exposure to various services of the hospital with the option of electing additional services which he/she feels will be of educational benefit to him/her
- participating in all regularly scheduled resident conferences and lectures of the Family Medicine program.

FAM:8418 Family Practice Clerkship, Waterloo - 4 weeks

Faculty: Faculty of Family Medicine Residency Program

Offered: All blocks

Administrative Morgan Kremer

Contact: Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Max 1

Enrollment:

Report To: Anthony Day, MD, or other designated supervising physicians

Special Conditions: Permission Required. Contact fm-clerkship@uiowa.edu

Transportation required.

A sleeping room and meals in the hospital cafeteria will be provided at no charge to the student.

The MercyOne Northeast Iowa Family Medicine and Residency Program offer the fourth-year medical student an opportunity to spend four weeks at MercyOne Northeast Iowa Family Medicine and Residency.

Expectations:

- Participation in the care of patients of the Mercy One Northeast Iowa Family Medicine and Residency, with Faculty or Resident physician supervision.
- Participation in the admission, diagnosis, and treatment of selected hospitalized patients, to include their post-hospitalization follow up.
- Experience in office laboratory, behavioral science, and practice management.
- Observation of colposcopy, OB ultrasound, excision of lesions and other office surgical procedures.
- Optional attendance at obstetrical deliveries available 5:00 p.m. to 7:00 a.m.

- Attendance at all appropriate scheduled conferences.

Course Objectives

- Understand the basic concepts of Family Medicine, including the importance of health maintenance, continuity of care, and family dynamics.
- Acquire experience in the management of ambulatory care patients.
- Acquire the ability to develop management plans for acute and chronic problems at various levels of care.
- Gain experience in the appropriate use of hospital outpatient facilities for diagnostic and therapeutic procedures.

FAM:8419 River Crossing Family Medicine - 2 or 4 weeks

Faculty: Natalie Lanternier, MD

Offered: All periods.

Administrative Contact: Morgan Kremer
Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Max Enrollment: 1

Report To: Natalie Lanternier, MD, or other designated supervising physician.

Special Conditions: Permission required. Contact fm-clerkship@uiowa.edu with your request to add.

Highly desirable that students can communicate with patients in Spanish.

Transportation Required.

The goal of this course is to provide an advanced, rural community family practice clerkship, that will allow students to:

- Experience continuity of patient care in a rural setting and see patients at all ages in the lifespan;
- Have advanced experience in active participation in management of medical problems commonly seen in a rural family medicine office;
- Further develop their patient communication skills;
- Develop more advanced skills in health maintenance and patient education.
- Obtain concentrated experience working with Spanish speaking patients.

Expectations:

- See patients at River Crossing Center.
- Gain skill in assessment, diagnosis, treatment and management of patients with common illnesses seen in this setting
- Have an opportunity to be involved in care of OB patients, including being involved in weekly exams and following individual patients through their delivery.

The Riverside Clinic is one of the regional family practice clinics that are part of UI Community Clinics. It is managed and staffed by UI Department of Family Medicine physicians, physician assistants, and UI family practice residents. The clinic primarily serves the small rural communities of Riverside, Lone Tree, Conesville, and Nichols and the surrounding rural areas, and draws obstetrical and Spanish-speaking patients from West Liberty, Muscatine, Columbus Junction and Wapello. Students may expect to participate in obstetric care, geriatric care, well-child care,

and adolescent and adult care. Because of the large number of Latinx patients, it is highly desirable that students speak Spanish.

FAM:8420 Family Practice Clerkship, Mason City - 2 or 4 weeks

Faculty: Faculty of Family Medicine Residency Program.

Offered: Arranged

Administrative Morgan Kremer

Max 1

Contact: Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Enrollment:

Report To: Chad McCambridge, MD
Mercy Family Medicine Residency

Special Conditions: Permission Required. Email fm-clerkship@uiowa.edu

Transportation is required.

Lodging is provided in an apartment near the East Campus at Mercy Medical Center – North Iowa.

At times students will need to share the apartment with other Iowa students. The apartment has cooking facilities, but students will also be given meal tickets to use at the hospital cafeteria.

This student will:

- observe the medical care problems encountered in a rural referral center hospital
- increase his/her understanding of the concepts of family centered medical care
- increase his/her knowledge of common problems encountered by the family physician.

Expectations:

- participation in the patient management decisions and responsibilities for ambulatory and hospitalized patients with the supervision and assistance of the senior residents, faculty, and attending family physicians - areas of emphasis include internal medicine, obstetrics, pediatrics and emergency medicine
- participation in conferences, seminars, and patient management audits in the Family Medicine Center;
- participation with the resident staff in the management of patients.

This elective is for students pursuing the specialty of Family Medicine.

- July – December is for 4th year students
- January – June is for 3rd year students.
- Transportation is required.
- Lodging is provided in an apartment near the East Campus at Mercy Medical Center – North Iowa.
- At times students will need to share the apartment with other Iowa students. The apartment has cooking facilities, but students will also be given meal tickets to use at the hospital cafeteria.

Additional Course Information

Students taking this rotation must be going into the specialty of Family Medicine.

FAM:8421 Primary Care Sports Medicine - 4 weeks

Faculty: Dr. Tyler Slayman

Offered: All blocks

Administrative Morgan Kremer

Max 1

Contact: Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Enrollment:

Report To: See ICON or departmental email.

The goal of the Primary Care Sports Medicine elective is to provide a comprehensive, diverse, educational experience in the field of Sports Medicine. Graduates will possess the clinical competence needed to diagnose and manage medical illnesses and injuries related to sports and exercise in a variety of patients, recreational and organized athletes, and teams.

Course Objectives

By the end of the 4-week elective, medical students will be proficient in all six ACGME core competencies applicable to the field of Primary Care Sports Medicine.

Specifically, students will be able to:

- Provide continuing, comprehensive care for health problems related to sports and exercise through exposure to the evaluation and treatment of common musculoskeletal injuries.
- Demonstrate competence in performing the musculoskeletal exam and appropriate documentation.
- Perform technical procedures, such as: casting and splinting, arthrocentesis and intra-articular joint injections, subacromial shoulder injections, tendinopathy injections, and trigger point injections.
- Serve as team physician to several teams which engage in seasonal sports and provide comprehensive and continuing care to team athletes.
- Function as part of a member of a multi-disciplinary sports medicine team including primary care physicians, orthopedic surgeons, musculoskeletal radiologists, physical therapists, and certified athletic trainers.

Additional Course Information

Students taking this rotation must be going into the specialty of Family Medicine.

FAM:8422 Family Medicine/Psychiatry - 2 or 4 weeks

Faculty: Monika Jindal, MD, Course Director

Offered: All blocks

Administrative Morgan Kremer
Contact: Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

Special Permission Required.
Conditions: Transportation Required.

This course will emphasize the integration of mental and physical healthcare across the outpatient family medicine and outpatient psychiatry arenas, including:

- Mental health care in the primary care setting
- Primary care for people with severe mental illness
- Continuity of care
- Comprehensive and holistic care
- Caring for entire families and caring patients throughout the lifespan
- Integration of health care in the local community
- Preventive medicine
- Care for acute and chronic diseases
- Patient education

Expectations:

- Gain skill in assessment, diagnosis, treatment, and management of patients with common illnesses seen in the ambulatory setting while assigned to the Family Medicine/Psychiatry Clinic, the Family Medicine Clinic, the rural office in Riverside, the Free Medical Clinic, and/or the IMPACT program.
- Work collaboratively with other members of the health care team.
- Attend conferences in Family Medicine & Psychiatry.

FAM:8424 Family Caregiving Transitions - 4 weeks

Faculty: Jill Endres, MD

Offered: All blocks

Administrative Morgan Kremer
Contact: Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Report To: See ICON or departmental email

Special Grading is PASS/FAIL only
Conditions: Permission required. Contact Jill Endres, MD
Core year students additionally require OSAC Dean's approval

Educational Goal:

- To enhance clinical learning from caregiving experiences and to increase empathy and patient communication skills.
- To enhance personal understanding of, and growth through, caregiving responsibilities in periods of family health transitions.

Student will:

Personally experience:

- the role of caregiver for newborn child OR
 - the role of caregiver for a family member with life-altering illness OR
 - self-care during newly diagnosed, or change in status of, severe chronic health condition.
1. Reflect on experiences in caring for self and/or family member in times of such transitions and understand the implications for these experiences in their professional development as physicians.
 2. Investigate a relevant and appropriate aspect of existing knowledge about an aspect of caregiving, including the impact of such responsibility on the caregiver.
 3. Educate peers and COM staff about issues relating to individual investigation and experiences.
 4. Develop additional specific educational objectives appropriate to their unique learning situation (to be approved by their mentor). These goals must be developed and approved prior to beginning the rotation but may be amended after beginning.

Eligibility:

1. Clinical Phase students with new babies within 3 months of birth or arrival (biological or adopted, mothers or fathers); students with family members with life-altering diagnoses or significant caregiving requirements. In unique situations, students with newly diagnosed or significantly changed life-altering illnesses themselves requiring prolonged self-care and coping may also be considered for this elective. (Core year students must have OSAC Dean approval to enroll).
2. Student must have significant caregiving responsibilities, similar to at least a 40 hour/week commitment.
3. Students must identify a faculty mentor in a relevant discipline for their project to be approved by course director. They must obtain faculty commitment to serve as a mentor and get OSAC approval prior to enrollment. Mentor's approval of project and approval of readings selected by the student must be secured before the rotation is begun.

FAM:8425 Advanced Inpatient Sub-Internship Rural Family Medicine, Algona - 4 weeks

Faculty: Brent Owen, MD

Offered: Spring Only - Arranged

Administrative Morgan Kremer

Max 1

Contact: Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Enrollment:

Report To: Brent Owen, MD

Special Permission required. Contact fm-
Conditions: clerkship@uiowa.edu for availability

In this rural hospital-based sub-internship, students will work on the family medicine service alongside board-certified family physician faculty, performing all admissions on weekdays, and rounding on 4-10 hospitalized patients each day. In addition, the call responsibilities will include deliveries and ER coverage. This is an ideal sub-internship for students in the CRISP program, and/or those with special interest in rural medicine.

Expectations:

- Function as an R1 on the Family Medicine Inpatient Service with responsibility for initial assessment of patients in the emergency department or clinic. This includes obtaining a complete history, physical exam, and developing a differential diagnosis and strategy for prudent diagnostic work-up and treatment.
- Follow patients daily in the hospital from admission to discharge, writing orders (to be cosigned by attending physician), admission H & P, progress notes, and discharge summaries.

- Gather needed background information about the diagnosis and treatment of patients; assist in the library research and reference work indicated.
- Practice evidence-based medicine with a clear and logical rationale for each diagnosis and each therapeutic recommendation.
- Take call (ER coverage) one night each week.
- Attend and present patients at staff care conferences each Friday morning and participate in Multidisciplinary Care Conference rounds each Monday.

Course Objectives

1. Evaluate and diagnose patients with co-morbid conditions and/or complex management issues.
2. Propose management plans for patients with co-morbid conditions and/or complex management issues.
3. Complete inpatient stay documentation, such as admission notes, progress notes, placing orders and discharge summaries.
4. Demonstrate a level of initiative and involvement equivalent to that of an early-stage intern.
5. Coordinate patient care within interprofessional teams including transitions of care.
6. Provide education and counseling to patients and/or patient families.
7. Attend to psychological, social, and behavioral factors that influence health and disease
8. Form clinical questions and retrieve evidence to optimize patient care
9. Give or receive a patient handoff to transition care responsibility

FAM:8427 Maternity Care - 4 weeks

Faculty: Emily Welder, MD

Offered: Arranged

Administrative Morgan Kremer

Max 1

Contact: Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Enrollment:

Report To: See ICON or departmental email

Special Conditions: Permission required.

The Family Medicine Maternity Care elective is a 4-week elective that aims to encompass care of pregnant women, postpartum women, and their newborns in both an outpatient and inpatient setting. Students will provide intrapartum care, assist with deliveries for women in labor on the Family Medicine Mother-Baby Service, and round on postpartum women and their newborns. When there are not family medicine patients in labor, students will work with family medicine providers in the clinic where they may see obstetric visits, newborn visits, well-child visits, and other general family medicine visits. This clerkship also encompasses a unique opportunity to provide care to pregnant women through the family medicine prenatal care clinic at the Iowa City Free Medical Clinic on Thursday evenings. This clerkship allows students to gain more experience in care of low-risk pregnancies and deliveries and is helpful for students considering a career in family medicine.

Course Objectives

This rotation allows for students to gain more experience providing prenatal care, intrapartum care on the labor and delivery unit, postpartum care, and newborn care through the lens of a family medicine provider while also allowing continuity of care of entire families.

FAM:8428 Caring for the Underserved

Faculty: Erin Hayward, MD, Course Director

Offered: Final 2 Advanced Semesters
July - May

Administrative Contact: Morgan Kremer
Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Max Enrollment: 2

Report To: Family Medicine Medical Student
Education Coordinator.

Special Conditions: Permission required.
Students should have expressed interest in one of the following specialties (Family Medicine, Family Medicine/Psychiatry, General Pediatrics, General Internal Medicine, General Med/Peds, OB/Gyn, Emergency Medicine, Psychiatry)

The goal of this longitudinal advanced elective in Caring for the Underserved is to equip students to care for a variety of medically underserved patient populations with cultural competency and compassion. Students will participate in a variety of experiences with both clinical and ancillary/allied services as well as community agencies that specialize in providing services to these populations.

Medically Underserved Areas/Populations are areas or populations designated by HRSA as having too few primary care providers, high infant mortality, high poverty or a high elderly population. There is increasing recognition that medically underserved patient populations have specialized health care needs. Due to the breadth of their required skill set, Family Medicine providers and departments are uniquely placed to understand and adapt best practices to the requirements of these populations as well as recognizing and integrating considerations of the social determinants of health.

Course Objectives

Goal 1. Develop an appropriate management strategy

Apply continuity of care to leverage long-term patient-provider relationships in management of acute and chronic conditions as related to social determinants of health.

Apply health promotion principles to focus on reducing disparities across underserved populations

Apply preventive health care best practices for screenings while taking into account social determinants to health that may contribute to disparities in abilities to obtain screening

Goal 2. Understand the importance of the social and cultural context of health and disease

For individuals: assess the influence of family and community

For communities: assess the influence of society

Goal 3: Apply effective patient communication and counseling skills

Goal 4: Explain how non-physician medical professionals, community agencies/organizations, and other community support systems help provide additional care for patients with specialized needs.

Goal 5. Demonstrate professional behavior and cultural competence in interactions with patients and members of the healthcare team.

Additional Course Information

Supervision: The student will work one-on-one with a variety of Family Medicine faculty preceptors at the International Family Medicine Clinic and the Free Medical Clinic Prenatal Clinic. Each student will need to complete a total of 17 clinic sessions in addition to 6 half day sessions experiencing other aspects of the healthcare system.

Patient Care: Students will be expected to see patients independently and formulate diagnosis and treatment plans with attention to the social determinants of health.

Call: There is no call associated with this rotation.

Conferences: There will be ½ day of didactic sessions in the fall and spring semester (two total).

FAM:8450 Family Medicine COC

Faculty: Dr. Jill Endres, MD, Course Director

Offered: Final 2 Advanced Semesters
July - May

Administrative Morgan Kremer

Contact: Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Student must receive permission from Dr. Endres to register for this course.

The student will:

- Expand his/her fund of knowledge related to common illnesses and problems that are encountered in family medicine
- Gain experience in the assessment, evaluation and management of a wide variety of acute and chronic outpatient family medicine problems
- Refine the integrative skills of communication, coordination of care, and information management
- Appreciate the value of building relationships with patients and families over time
- Participate in attending to psychosocial, as well as physical, health needs of patients and families.

This elective can be taken concurrently with other electives in the medical school curriculum.

Students taking this rotation must be going into the specialty of Family Medicine.

Additional Course Information

OSAC Guidelines for all Continuity of Care (COC) Clerkships:

1. The COC is taken concurrently with other required and elective courses during the advanced phase (Phase III).
2. Students are not allowed to register for more than one COC.
3. Students must attend 80% of 42 scheduled weeks = 34 COC sessions (session = ½ day clinic) to “complete” this course.

4. Makeup sessions may be arranged at the discretion of the course director and preceptor to satisfy the attendance requirement.
5. Students must limit their time-off requests for 2-week clerkships to one held day per clerkship (i.e. only one COC session during a 2-week clerkship).
6. Students must limit “off campus” weeks including away and global electives to meet the 34 session COC requirement.
7. Students are not allowed to register for a COC and be a group facilitator for:
 - Case-Based Learning in FCP I
 - Case-Based Learning in FCP II
 - Physical Exam Skills in FCP II
 - Patient-Centered Learning in FCP III
 - Case-Base Learning for admission interviews

Students cannot drop their COC after January 1

FAM:8497 Research in Family Medicine - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Morgan Kremer

Contact: Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

The purpose of this elective is to provide introductory experience in department research for those individuals considering greater in-depth training at a later time. Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

FAM:8498 Family Medicine On-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Morgan Kremer

Contact: Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by student with approval of the department. Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

FAM:8499 Special Study Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Contact: Morgan Kremer
Clerkship Coordinator
319-384-7517
fm-clerkship@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Students who wish to arrange special clerkships in Family Medicine working with physicians or community hospitals outside Iowa City may do so under this course number. The supervising physician must either be a diplomat of the American Board of Family Medicine or the equivalent. Prior approval must be obtained from the Department of Family Medicine through Dr. Stacey Appenheimer.

Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

DEPARTMENT OF INTERNAL MEDICINE

Director: [Dr. Manish Suneja](#), Vice Chair for Education - Advanced Electives

[Dr. Milena Gebaska](#), Director, Sub-Internship Program

Contact: [Kathleen Steenlage](#)

E328-4 GH

319-356-2333

IM:8401 Advanced Inpatient Sub-Internship in Internal Medicine - 4 weeks

Faculty: Internal Medicine Faculty

Offered: Closed Nov/Dec/Jan

Administrative Kathleen Steenlage

Contact: 319-356-2333

Kathleen-Steenlage@uiowa.edu

Max 7

Enrollment:

Report To: See ICON or departmental email

Special Conditions: Student must be without other obligations the entire four weeks, including weekends (with the exception of the Internal Medicine COC rotation).

Students are expected to attend thru Friday PM of the last week of the rotation.

Location: Students are randomly assigned to either UIHC or VAMC campus.

Note, this rotation provides an opportunity to gain experience in Medical ICU, Hematology-Oncology, and Cardiology.

Students will gain skills in Internal Medicine and inpatient care that will be useful regardless of their ultimate career path.

Students will gain experience in providing excellent inpatient care by:

1. working to master presentation skills by providing a focused, oral history and physical
2. mastering to provide a detailed organ-specific exam based on patient needs
3. mastering to provide a well-organized written history and physical with a prioritized differential diagnosis, which justifies a therapeutic or diagnostic plan
4. gaining experience in clinical reasoning
5. gaining expertise in data synthesis and patient management i.e. learning to develop problem lists which lay the groundwork for a therapeutic and management plan; cost/benefit ratios
6. being exposed to basic and advanced procedures
7. gaining experience in interpretation of labs and diagnostic tests
8. learning how to place orders using electronic medical records

9. focusing on patient safety: being introduced to ways to evaluate systems errors and minimizing polypharmacy during transition of care
10. providing opportunity to incorporate fundamental science into patient's clinical care
11. learning how to work as a part of a multidisciplinary health care team
12. developing meaningful relationships with patients, patients' families, and colleagues
13. mastering communication skills during patient hand-offs
14. mastering communication skills when calling consult
15. mastering experience in responses to common inpatient acute issues /pagers and prioritizing "non-urgent vs urgent" matters
16. providing opportunity to reflect on personal clinical experiences that demonstrate insights about ethics, professionalism, and humanism in medicine
17. providing opportunity to participate in goals of care discussions
18. practicing advanced communication skills with patients, including opportunity to make shared decision and conduct informed consent conversations

Course Objectives

These objectives will be achieved through the following:

1. Under the supervision of a senior medicine resident or an attending, sub-interns will act as an early intern and assume responsibility for evaluating, treating, and following patients admitted to the medicine services
2. Sub-interns will be actively placing orders using electronic medical record platforms and receiving real-time feedback from senior resident
3. Patients will be presented and reviewed on daily rounds with attending physicians and other health care providers, as well as during large group (101 Wards)
4. Sub-Interns will practice effective and organized note-writing skills through self and peer-peer feedback, including admission notes, daily progress notes, acceptance/transfer notes, and discharge summaries
5. Sub-Interns will attend teaching conferences and review medicine topics with the Teaching Resident, in-class or via a virtual platform
6. Sub-Interns will complete written activity on physical exam, in addition to daily bedside practice
7. Sub-Interns will actively participate in workshops on Evidence-Based Medicine and Quality/Improvement
8. Sub-Interns will actively participate in a workshop on Polypharmacy/High Value Care, perform evidence-based literature search and write a reflection related to the mechanisms of the disease and management strategies, as well as their own prescribing habits as future physicians
9. Sub-Interns will reflect on personal clinical experiences that demonstrate insights about ethics, professionalism, and humanism in medicine using a variety of narrative and creative approaches and participate in large group discussions on the subject
10. Sub-Interns will practice advanced communication skills through: 1) face-to-face hand-off, 2) calling consults, 3) responses to pagers, 4) Goals of Care Discussion, 5) shared decision making and informed consent conversation with simulated and real patients.
11. Students will be randomly assigned to teams.
 - 6RC A Team
 - 6RC B Team
 - 6RC C team
 - VAMC Red
 - VAMC White
 - VAMC Blue
 - 6RC for 2 weeks, then Cardiology Teaching 4RC for 2 weeks - Volunteers welcome!
 - 6RC for 2 weeks, then Hem-Onc Teaching for 2 weeks - Volunteers welcome!

Duty Hours: Maximum 80 hours per week. Please refer to "24+4" hour policy regarding overnight calls; Students are required to complete at least 3 overnight calls (24+4 hours) during Phase III.

Will need to sign out patients and review overnight problems each morning with the night resident.

Workday Schedule: Approximately 7am to 7pm if not admitting; 7am to 9pm if admitting

One day off per week – Arrange with your team; if no special requests, it is typically going to be Sunday

Additional Course Information

Student must be without other obligations the entire four weeks, including weekends (with the exception of the Internal Medicine COC rotation).

Students are expected to attend thru Friday PM of the last week of the rotation.

IM:8410 Clinical Allergy-Immunology - 2 or 4 weeks

Faculty: Dr. Hanna Zembrzka and Staff

Offered: All blocks

Administrative Elsa Thomas, C42-E1 GH

Max 1

Contact: 319-356-8955

Enrollment:

elsa-thomas@uiowa.edu

Report To: See ICON or departmental email

This subspecialty elective emphasizes experience in the diagnosis and treatment of clinical problems in allergy and immunology, including experience in skin testing, administering allergen immunotherapy, the use of immunoglobulin (IVIG and SCIG) & other immunomodulatory therapies, drug challenges and desensitization, and interpreting pulmonary function tests.

The student will assist in the diagnosis and management of asthma, allergic rhinitis, drug allergy, food allergy, atopic dermatitis, urticaria and angioedema, hereditary angioedema and immunodeficiency disease states. Outpatients will be evaluated by the student under supervision of the staff. Selected opportunities exist for students to join inpatient Complex Disorders team rounds.

Students will participate in allergy-immunology conferences weekly including Immunology Grand Rounds (Wed, 1:00 pm, C423-1 GH), and the Fellows' Didactic Core Conferences (Wed, 2:15 pm).

IM:8412 Clinical Cardiology - 4 weeks

Faculty: Staff of Cardiovascular Division

Offered: All blocks

Administrative Kathleen Detert, E316-1, GH

Max 3

Contact: 319-384-8756

Enrollment:

kathleen-detert@uiowa.edu

Report To: See ICON or departmental email

Internal scheduling for this course will be the responsibility of the department.

Emphasis will be to acquire both breadth and depth in the diagnosis and therapeutic problems encountered in clinical cardiology.

The student will participate in the evaluation and decisions regarding patients seen at the Cardiovascular Clinic and/or Cardiovascular in-patient consult service (at the UIHC or VAH for consults). They will become familiar with techniques and regimens of management of ischemic heart disease, pre- and post-operative conditions, and the chronic cardiac states seen frequently in clinical cardiology, such as congestive heart failure and valvular heart disease, and management of common rhythm abnormalities. During each week of the rotation there will be an emphasis on one of these topic areas through computer assisted instruction, assigned readings, and meeting with one of our cardiology fellows.

The elective consists of either four weeks on the UIHC Clinic Service, or two weeks on the UIHC Clinic Service plus two weeks on General Cardiology In-patient Consult Service or two weeks on the VA Consult Service. In general, no more than one student can be assigned to the Cardiology Clinic at one time. If students have preferences as to their assignment during this rotation, they should contact Kathleen Detert, 354-8756, E316-1 GH, as soon as they have been notified of their acceptance into this elective.

IM:8413 EKG & Vascular Ultrasound - 2 weeks

Faculty: Jennifer Street, MD, PhD, Course Director

Offered: 2/12/2024
4/8/2024
5/6/2024
June 2024- May 2025 - TBD

Administrative Contact: Kathleen Detert, E316-1, GH
319-384-8756
kathleen-detert@uiowa.edu

Max Enrollment: 7

Report To: See ICON or departmental email

Course meets every day Tuesday through Friday. Objective is to develop and further the confidence to read basic EKG patterns and rhythms critical to the primary care physician. These are the same objectives and methods as are stressed within the EKG portion of Transitions to Clinical Clerkships course. The students are expected to re-familiarize themselves with this ICD material before beginning the course. The students will learn by reading actual EKGs on their own with facilitation of learning by direct instructor feedback of their interpretation.

The test is an extended matching test requiring the identification of 21 “12-lead” EKG diagnoses (such as inferior wall myocardial infarction; left bundle branch block) and 21 basic rhythm abnormalities.

Course Objectives

Experiences in cardiovascular ultrasound will be designed to accomplish the following objectives:

1. The learner will be able to state which ultrasound modalities are appropriate as diagnostic procedures to answer which specific clinical questions.
2. The learner will learn by video and simulation and observation with ultrasound technicians the basic views and structures readily visualized by transthoracic echocardiography and peripheral vascular ultrasound (specifically abdominal aorta and carotid) and point of care ultrasound, specifically estimates of venous volume and left ventricular function.

The students will also be assigned to observe cardiac stress testing (standard Bruce protocol or dobutamine) with and without associated myocardial perfusion imaging or echocardiographic imaging.

IM:8414 Clinical Endocrinology - 2 or 4 weeks

Faculty: Dr. Ogunsakin and Staff

Offered: All blocks

Administrative Kathleen Steenlage

Max 2

Contact: 319-356-2333

Enrollment:

Kathleen-Steenlage@uiowa.edu

Report To: See ICON or departmental email

Students electing this course will spend about half of their time in outpatient clinics and the other half on the endocrine consult team.

During the outpatient clinic part of the rotation, students will attend endocrine and diabetes clinics every day, working alongside different faculty members. These clinics take place at Iowa River Landing, the University of Iowa, and the VA Hospital.

While on consults, students will work with the Endocrine Consult team that consists of a staff physician, an endocrinology fellow and sometimes an internal medicine resident, and will see inpatient endocrine and diabetes consultation patients. When the consult service is not busy, students will also have the opportunity to spend all or part of their morning seeing patients in clinic with a staff physician.

For each of these activities students will be expected to perform complete patient evaluations and to develop diagnostic programs and therapeutic plans. Students will also participate in the clinical conferences of the Division.

Conferences to be attended by the student:

- The Diabetes and Obesity Talks: Mondays 1:00 – 2:00 pm, 1289 Kelch
- Fellows Curriculum Lecture Series: Mondays 2:00 – 3:00 pm
- Endocrinology Clinical Conference: Mondays 4:00 – 5:00 pm.
- Internal Medicine Grand Rounds: Thursdays Noon, Med Alumni Aud
- Endocrine Grand Rounds: Fridays 7:30 – 8:15 am.

IM:8416 Clinical Gastroenterology-Hepatology - 2 or 4 weeks

Faculty: Gastroenterology-Hepatology Staff

Offered: All blocks

Administrative Hilary Humphrey, 4608 JCP

Max 1

Contact: 319-356-2132

Enrollment:

Report To: See ICON or departmental email

Gastroenterologists/Hepatologists are Internists that specialize in care of patients with diseases that impair the function of the esophagus, stomach, small bowel, colon, rectum, liver, biliary system, and/or exocrine pancreas. The goal of this rotation is to familiarize you with the differential diagnosis, evaluation, and management of common gastrointestinal and liver disorders.

Course Objectives

By the end of the rotation, we expect that:

1. You will have refined your ability to obtain pertinent history and exam findings in patients with GI/Liver diseases.
2. You will be able to understand and learn the approach to the diagnosis and management of GI/Liver diseases in the inpatient and outpatient setting.
3. You will be able to understand the diagnostic and therapeutic indications of procedures performed in the management of patients with GI/Liver diseases (endoscopy, liver biopsy, FibroScan, motility studies).
4. You will be able to interpret the results of laboratory, endoscopic, and radiographic tests performed in the management of patients with GI/Liver diseases.
5. You will be able to recognize the need for appropriate gastroenterology/hepatology consultation.

This will be achieved through:

1. Active participation in the Inpatient GI and Inpatient Liver consult services.
2. Evaluation of select patients in the GI/Liver outpatient clinics with the consult fellow and attending.
3. Observation of invasive procedures performed in the Digestive Health Center's Diagnostic and Therapeutic Unit, MICU, and SNICU by GI/Liver clinical faculty.

Attendance at weekly GI/liver teaching conferences – A hand out with information on the various didactics will be provided to the residents at the start of their rotation.

IM:8418 Hematology Oncology - 2 or 4 weeks

Faculty: Hematology Oncology Staff

Offered: All blocks

Administrative Erin Thompson, C-32 GH

Max 1

Contact: 319-356-2148
erin-m-thompson@uiowa.edu

Enrollment:

Report To: See ICON or departmental email

This elective is designed to increase diagnostic skills in hematology and oncology.

Course Objectives

The student will learn:

1. the methods and value of clinical staging of common cancers including solid tumors and lymphomas;
2. the principles and practice of rational chemotherapy;
3. the therapy and outpatient management of patients with solid tumors and lymphomas;
4. the principles of palliative care;

5. about hemostatic and thrombotic disorders;
6. the study of blood smears and bone marrow preparations; and
7. the principles and practice of rational therapy for benign and malignant hematological disorders.

This will be achieved through:

1. participation in oncology and hematology inpatient and outpatient consultation and outpatient clinic activities;
2. attendance at division conferences and
3. independent study.

IM:8422 Clinical Infectious Disease - 2 or 4 weeks

Faculty: Infectious Disease Staff

Offered: All blocks

Administrative Stephanie Cecil, SW54-13 GH

Max 2

Contact: 319-356-7740
stephanie-cecil@uiowa.edu

Enrollment:

Report To: See ICON or departmental email

Course Objectives

The student will:

1. Increase their understanding of the pathogenesis of infectious diseases and of the host's reaction to such disease processes;
2. Increase proficiency in the diagnosis and management of patients with infectious diseases, including the proper use of antibiotics;
3. Learn to apply clinical microbiology to the diagnosis of infectious diseases.

This will be achieved through:

1. Evaluation and follow-up of patients seen by the Infectious Diseases consult service;
2. Participation in daily clinical work rounds;
3. Clinical teaching during daily work rounds;
4. Participation in weekly Infectious Diseases grand rounds;
5. Participation in clinical microbiology rounds.

IM:8424 Pulmonary Disease - Medical Intensive Care Unit - 4 weeks

Faculty: Charles Rappaport, MD, Course
Director and Pulmonary faculty on
rotational basis

Offered: All blocks

Administrative Charles Rappaport, MD
Contact: Anne Vincent, Admin Coordinator
anne-vincent@uiowa.edu

Max 3
Enrollment:

Report To: See ICON or departmental email

To introduce the student to modern concepts of critical care medicine and to acquire an appreciation for patients that are critically ill and recognize them as such. Students will learn a general approach to stabilizing the patient, regardless of the location of the patient or the field of medicine the student chooses to pursue. Students will develop a hands-on knowledge of mechanical ventilation, vasoactive drugs, and sedation and analgesia in the MICU. There will be opportunities for assisting in common MICU procedures including central venous catheters and paracentesis.

Students will be expected to be an integral part of the MICU team and actively participate in patient management working with the house-staff and attending physicians.

Students will not take overnight call, but will have the option to experience overnight shifts, which typically provide higher acuity emergencies.

IM:8426 Pulmonary Consultation Service - 2 or 4 weeks

Faculty: Lakshmi Durairaj, MD, Course
Director and Pulmonary faculty on
rotational basis

Offered: All blocks

Administrative Anne Vincent
Contact: Admin Services Specialist
(319) 356-4419
PULMONARY
C33 GH

Max 2
Enrollment:

Report To: See ICON or departmental email

Course Objectives

The student will:

1. Refine history taking and physical exam skills, with emphasis on symptoms and signs common to diseases of the cardiopulmonary system.
2. Learn diagnostic and therapeutic strategies for adult patients with pulmonary disease.
3. Interpret pulmonary function tests and thoracic radiographic studies.
4. Gain exposure to the role of a consulting physician.

This will be achieved through:

1. Participation in the Adult Pulmonary Consult service at University Hospitals.
2. Interpretation of pulmonary function tests with the consult fellow and attending.
3. Review of thoracic imaging studies with the consult fellow and attending.
4. Observation of invasive diagnostic and therapeutic procedures.
5. Attendance at teaching conferences for the Pulmonary Disease and Critical Care Division, held two-to-three

times weekly.

6. Present at the clinical case conference on Friday noon (optional).

IM:8428 Adult Nephrology - 2 or 4 weeks

Faculty: Dr. Antes & Renal Division Staff

Offered: All blocks

Administrative Lisa Novak, E300 GH

Max 1

Contact: 319-356-3446

Enrollment:

lisa-novak@uiowa.edu

Report To: See ICON or departmental email

Students on the Nephrology Consult Service are integral members of our patient care team and are afforded the opportunity to assume significant responsibilities and play a vital role in the clinical and educational activities of the Division of Nephrology. During the adult nephrology rotation, the student will become acquainted with a wide variety of challenges and experiences encountered in the practice of clinical nephrology. Students will participate in rounds on the in-patients at UIHC (no on-call responsibilities) and will be assigned to one ½ day ambulatory renal clinic per week at either UIHC or the VAMC. In addition, students will attend teaching conferences of the Nephrology Division and participate in daily review of renal test questions.

Course Objectives

1. To understand the use and basic interpretation of specialized tests of renal function
2. To evaluate and manage patients with acute kidney injury
3. To assess and manage patients with complex fluid, electrolyte and acid base problems
4. To manage patients with CKD or ESRD
5. To understand the indications and modalities for renal replacement therapy
6. To understand the evaluation and management of patients with HTN

IM:8434 Clinical Rheumatology - 2 or 4 weeks

Faculty: Dr. Hanna Zembrzka and Division Faculty

Offered: All blocks

Administrative Elsa Thomas, C42-E1 GH

Max 1

Contact: 319-356-8955

Enrollment:

elsa-thomas@uiowa.edu

Report To: See ICON or departmental email

The student will:

1. increase his/her understanding of rheumatic diseases;
2. increase his/her skill in medical diagnosis of these diseases;
3. learn the principles of management of patients with these diseases;
4. participate in clinical conferences.

This will be achieved through:

- participation in daily clinical activities;
- frequent patient-oriented discussion of problems as they arise on the clinical service;
- independent study.

IM:8435 Palliative Care - 4 weeks

Faculty: Yuya Hagiwara, MD, MACM, Course Director

Offered: All blocks.

Administrative Rodney Murphy

Contact: 319-384-7098
rodney-murphy@uiowa.edu

Max 2

Enrollment:

Report To: See ICON or departmental email

Special Conditions: An additional seat maybe added with permission. Contact rodney-murphy@uiowa.edu to request.

Learners will become familiar with the basic concepts of the delivery of hospice and palliative care. In addition, learners will be introduced to the multidisciplinary care for patients with serious illnesses and their families and will work closely with team members of other disciplines.

Course Objectives

Palliative care principles and practice

- Define the philosophy and role of palliative care and hospice and refer appropriate patients.
- Describe the roles of and collaborate with members of an interdisciplinary palliative care team.
- Reflect on personal emotional reactions when caring for dying patients and their families.

Pain and symptom management

- Assesses pain systematically and treats pain effectively with opioids, non-opioid analgesics, and non-pharmacologic interventions.
- Defines and applies principles of opioid prescription, including equianalgesic dosing and common side effects.
- Assesses and manages non-pain symptoms and conditions.

Communication

- Explores patient and family understanding of illness, concerns, goals, and values, and identifies treatment plans that respect and align with these priorities.
- Demonstrates patient-centered communication techniques when discussing resuscitation preferences.
- Demonstrates effective communication when coaching patients and families through the dying process.

Psychosocial, spiritual, and cultural aspects of care

- Identifies psychosocial distress in individual patients and families. and provides support and appropriate referral.

- Identifies patients' and families' cultural values, beliefs, and practices related to serious illness and end-of-life care.

Terminal care and bereavement

- Identifies and manages common signs and symptoms at the end of life.

IM:8437 Multidisciplinary Cancer Care - 2 weeks

Faculty: Internal Medicine & Radiation
Oncology Faculty

Offered: Closed: May, June, July & August
Open: September - April

Administrative Contact: Internal Medicine: Kathleen Steenlage,
319-356-2333
Radiation Oncology: Shawn Reynolds,
319-356-2699
Hematology Oncology: Erin
Thompson, 319-356-2148

Max Enrollment: 1

Report To: See ICON or departmental email

The Multidisciplinary Cancer Care rotation is a 2-week elective designed to acquaint the student to basic concepts of cancer care and the role a multidisciplinary team plays in the care of cancer patients. In addition, it will support the development of attitudes, knowledge and skills that will be useful to any student entering any specialty that encounters patients with cancer. During this elective the student will have the opportunity to tailor their experience based on career goals by working with faculty with specific clinical expertise (such as particular disease sites or patient populations).

Course Objectives

The student will:

- gain an appreciation for a multidisciplinary approach to cancer treatment by recognizing the role of each team member in the care of the patient.
- learn about the methods and value of clinical staging of common cancers.
- improve physical exam skills used extensively in the care of cancer patients (ie. lymph node, head and neck and breast exam).
- learn about general principles of oncology including cancer treatment plans and supportive medical care of the cancer patient.
- learn about specialized procedures of radiation therapy for cancer involving general simulation and treatment, planning and administration of radiation therapy.
- recognize the importance of the patient in the decision-making process and influences that affect their choices (i.e.. palliative care and clinical trial decisions).

IM:8449 Editorial Writing for Medical Students - 4 weeks

Faculty: Brittany Bettendorf, MD

Offered: SP23 - 2/6/2023
SP24 - 2/12/2024

Administrative Contact: Kathleen Steenlage
319-356-2333
Kathleen-Steenlage@uiowa.edu

Max Enrollment: 12

Report To: See ICON or departmental email

Special Conditions: Grading is PASS/FAIL only

This course will allow students to understand and practice the skill of writing Opinion Editorials aimed at improving the public's understanding of health and healthcare. Students will learn how to effectively engage a broad, non-medical audience through their writing, with the goal of producing an Opinion Editorial piece that could be submitted for publication to a local or national newspaper.

This course will meet 2 times per week for 2.5 hours/session. The first four sessions of the course will be conducted in a seminar-style with a focus on discussion of the assigned readings. There will also be a brief time (10-15 minutes) allotted for writing. The second four sessions of the course will be conducted in a workshop format for the purposes of editing and receiving feedback on the students' editorial pieces. During the workshop students will share their work and receive constructive critical feedback from the instructor and their peers.

Outside of class, students will be responsible for critically reading all course material (approximately 10-15 hours per week), preparing one presentation (approximately 5 hours during the week they are assigned), completing writing assignments and discussion posts (approximately 15 hours per week), and meeting with a class partner to discuss each other's work (approximately 3-5 hours per week).

Course Objectives

By the end of this course, students will:

- Describe what an Op-Ed is and how this format can be a valuable tool for a physician to engage the general public with issues in healthcare
- Critically read and discuss published Opinion Editorials, mining the work for tools that can be used in their own piece of persuasive writing
- Gain experience writing, editing, and providing and receiving feedback on an Op-Ed piece
- Pursue publication of an original Op-Ed piece that serves to educate a public or medical audience. The rotation director will be available outside of the duration of the elective if needed to mentor individuals on the logistics of publishing

IM:8450 Internal Medicine COC

Faculty: Shawna Westermann, MD, Course Director

Offered: Final 2 Advanced Semesters
July - May

Administrative Contact: Kathleen Steenlage
319-356-2333
Kathleen-Steenlage@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Student must receive permission from Dr. Westermann to register for this

course.

An orientation session will be held during the first week of the elective.

Students will be expected to attend quarterly meetings with the course director and faculty participants.

Continuity of Care in Outpatient Internal Medicine is designed to provide the fourth-year medical student with a longitudinal continuity of care experience in the outpatient setting. Emphasis is placed on the broad clinical spectrum of General Internal Medicine practice. This will include effective approaches to preventing disease as well as identifying and managing acute and chronic illnesses. Throughout the year the student will have the opportunity to work closely with an identified faculty mentor for one-half day each week while being actively involved in patient care. Additional exposure to topics central to outpatient internal medicine will be provided through didactic conferences and other learning venues. Opportunities to refine evidence-based medicine skills and reflect on the practice of medicine more broadly are also built into this elective.

Course Objectives

Goals: Prepare the fourth-year medical student for the practice of Internal Medicine through exposure to a variety of patients, patient problems and physician skills representative of Internal Medicine. A student developed learning portfolio will be used to demonstrate progress in these areas.

The student enrolled in this elective will:

- learn the fundamental principles of practicing General Internal Medicine in the ambulatory setting.
- learn to recognize manifestations of disease and manage the course of common illnesses.
- develop skills that address care of the healthy patient including preventive medicine; care of the patient with acute illness; and longitudinal care of the patient with chronic illness as well as care through the course of the complete illness.
- become familiar with the thought process of an internist with an emphasis on diagnostic decision-making; evidence-based medicine; cost effective medicine; and self-directed learning.
- begin to develop skills of an internist such as communication with patients; communication with colleagues; ability to work in a team; comprehensive approach to care; and skills useful in practice.
- establish a mentoring relationship with the assigned physician preceptor.

Additional Course Information

OSAC Guidelines for all Continuity of Care (COC) Clerkships:

1. The COC is taken concurrently with other required and elective courses during the advanced phase (Phase III).
2. Students are not allowed to register for more than one COC.
3. Students must attend 80% of 42 scheduled weeks = 34 COC sessions (session = ½ day clinic) to “complete” this course.
4. Makeup sessions may be arranged at the discretion of the course director and preceptor to satisfy the attendance requirement.
5. Students must limit their time-off requests for 2-week clerkships to one held day per clerkship (i.e. only one COC session during a 2-week clerkship).
6. Students must limit “off campus” weeks including away and global electives to meet the 34 session COC requirement.
7. Students are not allowed to register for a COC and be a group facilitator for:
 - Case-Based Learning in FCP I
 - Case-Based Learning in FCP II
 - Physical Exam Skills in FCP II
 - Patient-Centered Learning in FCP III
 - Cased-Base Learning for admission interviews

Students cannot drop their COC after January 1

IM:8451 Advanced Inpatient Sub-Internship Internal Medicine, Iowa Methodist - 4 weeks

Faculty: Tyler Schwiesow, MD, Course Director
and Iowa Clinic Pulmonary and Critical
Care Medicine
Drs. Guest, Collins, Enriquez, Mohr,
Brimeyer, Trump, Danielson, Mallen,
Mertens and Dodge

Offered: All blocks

Administrative Wendi Krueger, DSM
Contact: 515-241-4455
wendi.krueger@unitypoint.org

Max 1
Enrollment:

Kathleen Steenlage, UIHC
319-356-2333
kathleen-steenlage@uiowa.edu

Report To: Tyler Schwiesow, MD
515-241-4455

Special Room provided; limited meals
Conditions: provided.

The student will function as an intern-equivalent on the Younker 8 pulmonary teaching service. The student will be responsible for the evaluation and daily care of 3-5 inpatients. Daily rounding and teaching will occur with the first-year resident and the assigned pulmonary attending staff physician. The student will take call twice during the rotation; private hospital call room provided. The student will participate in the daily teaching conferences of the internal medicine residency program.

IM:8453 Critical Care Iowa Methodist Medical Center - 4 weeks

Faculty: Drs. Guest, Collins, Enriquez, Mohr,
Brimeyer, Trump, Danielson, Mallen,
Mertens and Dodge

Offered: January - July Only

Administrative Wendi Krueger, DSM
Contact: 515-241-4455
wendi.krueger@unitypoint.org

Max 1
Enrollment:

Kathleen Steenlage, UIHC
319-356-2333
kathleen-steenlage@uiowa.edu

Report To: Des Moines Medical Education
Consortium; 515-241-4455

Special Preference given to students planning
Conditions: to pursue internal medicine residency
training.
Room provided; limited meals

provided.

Student will function as a sub-intern in the IMMC ICU. Student will be responsible for the evaluation and care of carefully selected critically ill patients. The student will be under the supervision of a senior level internal medicine resident and a critical care/pulmonary staff physician. The student will have an opportunity to gain competence, not only in the evaluation and management of critically ill patients, but also in advanced procedural skills. Daily rounding and teaching will occur with the medical critical care team.

IM:8454 General Medicine Consult Service DSM - 4 weeks

Faculty: Members of the UnityPoint Clinic
Central Iowa Hospitalists teaching
faculty

Offered: All blocks

Administrative Contact: Wendi Krueger, DSM
515-241-4455
wendi.krueger@unitypoint.org

Max Enrollment: 1

Kathleen Steenlage, UIHC
319-356-2333
kathleen-steenlage@uiowa.edu

Report To: Des Moines Medical Education
Consortium; 515-241-4455

Special Conditions: Iowa Methodist Medical Center
Room provided; limited meals
provided.

Learn principles of hospital medicine. Students will gain exposure to common hospital medicine problems as well as preoperative risk assessment, perioperative management of common medical problems like hypertension, coronary disease, lung disease and diabetes mellitus in the surgical patient, and principles of co-management with other services. The students will have the opportunity to develop & demonstrate patient care skills expected of a first-year resident under the supervision of a hospitalist general medicine physician. This will include dictating initial notes, writing daily progress notes, writing initial orders and daily orders on assigned patients. Students will participate in daily teaching rounds with faculty but will have no on-call responsibilities. The student will attend other educational conferences of the Internal Medicine Residency Program including daily noon conference and weekly Grand Rounds conferences.

IM:8456 Clinical Cardiology DSM - 4 weeks

Faculty: Drs. Nerheim, Haugland, Groben, and
Khan (Division Chief)

Offered: All blocks

Administrative Contact: Wendi Krueger, DSM
515-241-4455
wendi.krueger@unitypoint.org

Kathleen Steenlage, UIHC
319-356-2333
kathleen-steenlage@uiowa.edu

Report To: Des Moines Medical Education Consortium; 515-241-4455

Max Enrollment: 1

Special Conditions: Iowa Methodist Medical Center
Room provided; limited meals provided.

Assist with the evaluation and treatment of patients admitted and seen in consultation by the Cardiology Consult Service. Students will have the opportunity to develop and demonstrate patient care skills expected of a first-year resident under the direct supervision of a Cardiology Division faculty member. Students will see patients with common cardiovascular problems including chest pain, acute coronary syndromes, congestive heart failure, valvular heart disease, syncope dysrhythmias, and perioperative cardiac risk assessment. The student will participate in daily teaching rounds with faculty but there are no on-call responsibilities. The student will attend other educational conferences of the Internal Medicine Residency Program including daily noon conference and weekly Grand Rounds conferences.

IM:8457 Clinical Nephrology DSM - 4 weeks

Faculty: Dr. Mark Belz & Nephrology Staff Physicians

Offered: All blocks

Administrative Contact: Wendi Krueger, DSM
515-241-4455
wendi.krueger@unitypoint.org

Kathleen Steenlage, UIHC
319-356-2333
kathleen-steenlage@uiowa.edu

Report To: Des Moines Medical Education Consortium; 515-241-4455

Max Enrollment: 1

Special Conditions: Iowa Methodist Medical Center
Room provided; limited meals provided.

Course Objectives

- Assist with the evaluation and treatment of patients admitted and seen in consultation by the Nephrology Consult Service.
- Exposure to common nephrology problems including acute renal failure, chronic renal failure, acid-base disorders, and common electrolyte disorders.
- Students will have the opportunity to develop & demonstrate patient care skills expected of a first-year resident under the supervision of a Nephrology Division faculty member.

- Students will dictate initial notes, write daily progress notes, write initial orders, and write daily orders on assigned patients.
- Participate in daily teaching rounds with faculty but no on-call responsibilities.
- Attend other educational conferences of the Internal Medicine Residency Program including daily noon conference and weekly Grand Rounds conferences.

IM:8460 Transitions to Internal Medicine Residency - 2 weeks

Faculty: Course Director: Matthew Soltys, MD
 Co-Course Director: Justin Smock, MD
 Co-Course Director: Manish Suneja, MD
 Co-Course Director: Jennifer Strouse, MD

Offered: Once each spring, after Match.
 SP24- March 25
 SP25 - March 24

Administrative Contact: Kathleen Steenlage
 319-356-2333
 Kathleen-Steenlage@uiowa.edu

Max Enrollment: 30

Special Conditions: Grading is PASS/FAIL only
 For M4 with intention to apply to internal medicine residency or a specialty that requires a transitional or preliminary medicine year including but not limited to radiology, dermatology, ophthalmology, neurology, or physical medicine and rehabilitation. Other students may take the course with course director approval.

This elective will serve students who are applying to internal medicine residency or programs who require a transitional or preliminary medicine year by providing hands on specialty specific training beyond what is currently offered through the current curriculum offered at Carver College of Medicine. Each component of the course will be taught by a variety of professionals including residency program leadership, faculty from multiple divisions within internal medicine, chief residents, and residents enrolled in the Distinction in Medical Education (DIME) tract.

Course Objectives

After completing Transitions to Internal Medicine Residency students will be able to:

- Demonstrate a systematic approach to common calls interns receive.
- Formulate a differential diagnosis for common medicine chief complaints.
- Demonstrate proficiency in obtaining basic point of care ultrasonography.
- Obtain and interpret common objective findings from a ventilated patient.
- Recognize relative and absolute contraindications and indications to performing basic medical procedures and illustrate the proper technique.
- Display the competencies needed to lead a team during a rapid response and recognize a patient who requires emergent or urgent intervention.
- Practice ACLS algorithm and organize a differential diagnosis for a critically ill patient.

IM:8495 Critical Care Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Kathleen Steenlage

Contact: 319-356-2333

Kathleen-Steenlage@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Critical Care rotation individually arranged by student with approval of the department.

IM:8497 Research in Internal Medicine - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Kathleen Steenlage

Contact: 319-356-2333

Kathleen-Steenlage@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Critical Care rotation individually arranged by student with approval of the department.

IM:8498 Special Study On-Campus - Clinical Medicine - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Clerkship Coordinator
Contact: Kathleen Steenlage
319-356-2333
kathleen-steenlage@uiowa.edu

Report To: See ICON or departmental email

Special Individually arranged elective form
Conditions: must be submitted 4 weeks prior to
start of rotation.

2 consecutive weeks minimum.
Additional credit given in multiples of
consecutive 2-week periods.

Individually arranged by student with approval of the department.

Individually arranged elective forms are to be approved by the Department of Internal Medicine. Credit for specially arranged courses in Internal Medicine is available ONLY if the course of study has been approved in advance.

IM:8499 Special Study Off-Campus - Clinical Medicine - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Kathleen Steenlage
Contact: 319-356-2333
Kathleen-Steenlage@uiowa.edu

Report To: See ICON or departmental email

Special Individually arranged elective form
Conditions: must be submitted a minimum of 4
weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of
consecutive 2-week periods.

Individually arranged by student with approval of the department.

Individually arranged elective forms are to be approved by the Department of Internal Medicine. Credit for specially arranged courses in Internal Medicine is available ONLY if the course of study has been approved in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

DEPARTMENT OF NEUROLOGY

Director: [Dr. Tracey Cho](#)

Contact: [Lucy Fasano](#)
S713 GH
319-384-9669

NEUR:8401 Advanced Inpatient Neurology - 2 or 4 weeks

Faculty: Dr. Hannah Roeder
Dr. Tracey Cho

Offered: All blocks

Administrative Lucy Fasano, MA
Contact: 319-384-9669
lucy-fasano@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

The neurology advanced inpatient elective is designed for medical students who want more exposure to caring for acute and chronic neurological conditions in the hospital setting. The 2- or 4-week course will provide an immersive experience to learn about the presentation, diagnosis, and management of patients presenting to the emergency room and/or requiring consultation or hospitalization for a neurological condition. The student will engage in all aspects of neurology inpatient care, under the supervision of residents, fellows, and faculty.

NEUR:8402 Advanced Outpatient Neurology - 2 or 4 weeks

Faculty: Dr. Cho

Offered: All blocks

Administrative Lucy Fasano, MA
Contact: 319-384-9669
lucy-fasano@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

Intensive period of experience with the diagnosis and treatment of patients with neurologic disease. The student will be assigned to the Neurology Outpatient Clinic. The student will perform the initial assessment of the patient and through consultation with the faculty, outline the management. Departmental conferences are held daily.

NEUR:8404 Advanced Inpatient Sub-Internship Neurology - 4 weeks

Faculty: Dr. Hannah Roeder
Dr. Tracey Cho

Offered: All blocks

Administrative Lucy Fasano, MA
Contact: 319-384-9669
lucy-fasano@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

The neurology sub-internship is designed for medical students who are considering a career in neurology or a related specialty. The 4-week course will provide an immersive experience to learn about the presentation, diagnosis, and management of patients presenting to the emergency room and/or requiring consultation or hospitalization for a neurological condition. The student will engage in all aspects of neurology inpatient care, under the supervision of residents, fellows, and faculty.

Course Objectives

Course Objectives

- Students will have responsibilities for all aspects of neurology inpatient care that reflects their training level and with appropriate supervision from the residents, fellows, and faculty neurologists.
- Students will gain experience performing an initial evaluation of patients presenting to the emergency room with acute neurological concerns, including participating in stroke codes.
- Students will improve their clinical note writing, order entry, and verbal presentation skills by performing these tasks on the patients for whom they are caring, with supervision and feedback from the residents, fellows, and faculty.
- Students will gain expertise developing an appropriate differential diagnosis and diagnostic work-up for a range of neurological conditions.
- Students will learn to develop management plans for neurology patients, including treatment of comorbid disease, prevention and treatment of acute complications, prescription of secondary prevention therapies, and utilization of rehabilitation services and discharge planning.
- Students will develop skills working in interdisciplinary teams and learn the roles of other health professionals who care for neurological patients.
- Students will practice effective communication with patients and family members regarding neurological conditions, including conveying the diagnosis, treatment options, risks/benefits, and prognosis and discussing goals of care.

Additional Course Information

Student performance is assessed using the standard CCOM evaluation forms. The performance is based on the ACGME core competencies for resident education. The student is expected to provide an evaluation of his/her experience on the rotation.

NEUR:8497 Research in Neurology - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Lucy Fasano, MA
Contact: 319-384-9669
lucy-fasano@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

The purpose of this elective is to provide introductory experience in department research for those individuals considering greater in-depth training at a later time.

Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

NEUR:8498 Special Study On-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Lucy Fasano, MA
Contact: 319-384-9669
lucy-fasano@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

2 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

NEUR:8499 Special Study Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Lucy Fasano, MA
Contact: 319-384-9669
lucy-fasano@uiowa.edu

Report To: See ICON or departmental email

Special Individually arranged elective form
Conditions: must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

DEPARTMENT OF NEUROLOGICAL SURGERY

Director: [Dr. Matthew Howard](#)

Contact: [Kathy Escher](#)
1800 JPP
319-356-7643

NSG:8401 Subinternship in Neurosurgery - 4 weeks

Faculty: Dr. Matthew Howard & Staff

Offered: All blocks

Administrative Kathy Escher

Contact: 319-356-7643

kathy-escher@uiowa.edu

Max 5

Enrollment:

Report To: See ICON or departmental email.

This advanced clinical clerkship is designed for students interested in neurologic diseases. There will be emphasis on the diagnosis of neurologic disorders as well as operative therapy. The student will be expected to attend related conferences with Radiology and Neurology. The student will be responsible for diagnosis and management of patients on an inpatient service under close supervision by an upper level resident and faculty member. Evaluation will be based upon the ward performance.

NSG:8497 Research in Neurological Surgery - 4 weeks

Faculty: Dr. Matthew Howard & Staff

Offered: Arranged

Administrative Dr. Matthew Howard

Contact:

Report To: See ICON or departmental email

Special Individually arranged elective form
Conditions: must be submitted a minimum of 4
weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of
consecutive 2-week periods.

Students will plan and conduct research in a clinical or laboratory topic under the direction of a faculty member. This may be part of an ongoing project. Areas of laboratory investigation include cerebral blood flow, spinal cord injury, spinal biomechanics/instrumentation, tissue culture, and electrophysiology of pain mechanisms, auditory cortex, and auditory neural prostheses.

Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

NSG:8498 Neurosurgery On-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Kathy Escher

Contact: 319-356-7643
kathy-escher@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of weeks prior to start of rotation.

2 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

NSG:8499 Neurosurgery Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Kathy Escher

Contact: 319-356-7643
kathy-escher@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

Director: [Dr. Sarah Shaffer](#), DO, MME

Assistant Director
[Dr. Michael Haugsdal](#), MD

Contact: [Sally Fisher](#)
51210-B PFP
319-384-8654

OBG:8401 Advanced Inpatient Sub-Internship High Risk Antepartum Obstetrics - 4 weeks

Faculty: Christopher Clerk, MD, Faculty
Director

Administrative Sally Fisher
Contact: 319-384-8654
sally-fisher@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

Sub-internship focused on inpatient and outpatient care of women with co-morbid health conditions that complicate pregnancy, fetal anomalous conditions, and complications unique to the pregnant state.

Course Objectives

Objectives:

1. Under supervision by the antepartum resident and faculty member, the sub-intern will be responsible for managing high-risk obstetric patients admitted to the Antepartum Service. This will include ordering diagnostic studies, following labs, and being involved in the patients' clinical course. The student will develop skills in various diagnostic procedures such as non-stress testing and biophysical profiles. At daily sign-out, the sub-intern will present the patient(s) that he or she has evaluated and will participate in the discussion concerning other antepartum patients.
2. The sub-intern will see specific patients in the High-Risk Obstetrics Clinics
3. The sub-intern will assist with the evaluation of complicated obstetric patients admitted to the antepartum service on Labor & Delivery. The sub-intern may be involved in the intrapartum care and delivery of high-risk obstetric patients.
4. Completion of one formal referenced paper about a specific topic in Maternal-Fetal Medicine chosen by the sub-intern and one of the faculty members. The student will be evaluated by this evidence-based paper.
5. Required Clinical Experiences must be recorded and completed by the end of the rotation.
6. Midblock feedback will be provided by the faculty director.
7. The sub-intern will complete two Foundational Science Learning Reports.

OBG:8402 Advanced Inpatient Sub-Internship Gynecologic Oncology - 4 weeks

Faculty: Emily K. Hill, MD, Faculty Director

Offered: All blocks

Administrative Sally Fisher

Max 1

Contact: 319-384-8654
sally-fisher@uiowa.edu

Enrollment:

Report To: See ICON or departmental email

Sub-intern experience in the evaluation and management of surgical & hospitalized gynecologic oncology patients with serious and often complex problems. The sub-intern will be evaluated by direct observation from faculty and residents. The sub-intern will interact and be closely supervised by the residents, fellow, and faculty with weekly, verbal feedback from this team regarding documentation, clinical decision-making, and management plans. The mid-block evaluation meeting with the faculty director will include input from the Gyn Onc team. The faculty director will complete the final evaluation by completing input from the other faculty, residents, and fellows.

Course Objectives

- Develop a better understanding of diagnosis, evaluation, and management of patients with a variety of gynecologic neoplasia - both benign and malignant.
- Participate in direct patient care under the supervision of faculty and resident physicians. The student's experiences will consist predominantly of patient care.
- Develop skills in the management of postoperative gynecological cancer patients, with emphasis on clinical decision-making and development of management plans.
- Assume an appropriate level of management/responsibility for all aspects of patient care. Specifically, the sub-intern will participate in admissions, writing daily progress notes and discharge summaries, and assist in writing/reviewing postoperative admissions orders.
- Develop skills in management of postoperative fluid, electrolyte, and acid-base disorders, gain exposure to postoperative wound evaluation/care; assist in placement of nasogastric tubes or other on-floor procedures as appropriate.
- Practice independent evaluation of postoperative pain, develop differential diagnoses for postoperative pain, and develop an understanding of postoperative pain management.
- Participate in the management of postoperative patients with anemia and malnutrition.
- Engage in opportunities to independently identify critically ill patients who require immediate attention and possibly transfer to an intensive care setting.
- Practice documenting clinical activities (admission notes, progress notes, discharge summaries) in the medical record.
- Function collaboratively in a clinical management team including nursing staff, other students, residents, consulting providers, social workers, ward clerks, and other support staff.

Additional Course Information

Evaluation Methods:

- The sub-intern will attend the weekly Gynecologic Oncology Tumor Board, unless they are in the OR.
- The last week of the rotation, the student will present an appropriately referenced topic in Gynecologic Oncology of his/her choice, typically drawn from a patient experience during the rotation.
- Required Clinical Experiences must be recorded and completed by the end of the rotation.
- Midblock feedback will be provided by the faculty director.
- The sub-intern will complete two Foundational Science Learning Reports.

Faculty: Dr. Abey Eapen, Faculty Director

Offered: All blocks

Administrative Sally Fisher
Contact: 319-384-8654
sally-fisher@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

Advanced elective in the field that studies the intricate physiology and endocrinology of female reproductive function. The student will be evaluated by all faculty members with whom they worked with in clinics, ORs, and other settings including imaging (e.g. HSG), IVF procedure suite, etc. All evaluations will be aggregated, and the final grade submitted by the faculty director. As a member of a team caring for patients with infertility, reproductive endocrine disorders, and benign gynecologic conditions, the student will function under close supervision by residents, fellows and faculty members.

Course Objectives

- Increase understanding and skill in evaluation, diagnosis, and treatment of patients with infertility, amenorrhea, recurrent pregnancy loss, and other gynecological endocrinopathies.
- Increase understanding and ability to evaluate a prospective surgical patient pre-operatively, and care for patients post-operatively in the hospital.
- Active participation in the Reproductive Endocrinology and Infertility Clinics several days a week.
- Presentation to the division on a topic chosen by the student will be used to evaluate learning objectives.
- Participation in related major in-patient and minor out-patient surgical procedures, including pre and post-operative evaluation and care.
- Attendance and participation during weekly student chapter review lectures.
- Participation and assistance in performing hysterosalpingograms one afternoon per week, assistance in performing pelvic ultrasounds throughout the week, and study of assigned reading materials.
- Required Clinical Experiences will be recorded and completed by the end of the rotation.
- Midblock feedback will be provided by the faculty director.
- Participate in 4th year Professionalism Seminar.

OBG:8405 Urogynecology - 4 weeks

Faculty: Kimberly Kenne, MD, Faculty Director

Offered: All blocks

Administrative Sally Fisher
Contact: 319-384-8654
sally-fisher@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

Advanced elective focused on outpatient, surgical, and inpatient care of women with pelvic floor disorders and other urogynecologic conditions.

Course Objectives

- Learn and understand the normal anatomy of the female pelvic floor, the physiology of pelvic floor function, and the pathophysiologic processes resulting in the pelvic floor disorders in women.
- Develop and apply knowledge of the basic history and physical exam performed in women presenting for care of pelvic floor disorders.
- Understand the typical clinical presentation, evaluation, and treatment options (conservative and surgical) for urinary incontinence and pelvic organ prolapse.
- Participate in activities in a typical Urogynecology practice, including ambulatory clinic visits, clinic outpatient procedures, surgeries, and inpatient care.

Additional Course Information

Activities:

- Complete the four-week advanced elective rotation. No weekend or evening shifts are required.
- Function as an active member of the Urogynecology clinical team.
- Prepare a chosen topic as a short presentation to the Urogynecology clinical team during the final week of the rotation.
- Required Clinical Experiences will be recorded and completed by the end of the rotation.
- Midblock feedback will be provided by the faculty director

OBG:8407 Family Planning - 4 weeks

Faculty: Abbey Hardy-Fairbanks, MD, Faculty Director

Offered: All blocks

Administrative Sally Fisher

Max 1

Contact: 319-384-8654
sally-fisher@uiowa.edu

Enrollment:

Report To: See ICON or departmental email

The student will function as an active member of the Family Planning team, participating in clinical activities and outpatient procedures. The student will spend time at UIHC Gynecology Procedure Clinic, Emma Goldman clinic, and the local Planned Parenthood Clinic. No weekend or evening shifts are required. The student will be directly supervised by the Medical Director of the Ryan Residency Family Planning program and various UIHC gynecology staff as well as physicians and health care providers on staff at the Emma Goldman and Planned Parenthood clinics. At the end of the rotation the physicians will consult with other members of the clinical team and will provide a joint evaluation on the students' performance that is completed by the faculty director.

Course Objectives

- Observe typical family planning practice, including ambulatory clinic visits and outpatients' procedures.
- Learn and understand the basic mechanisms of contraception and choose appropriate candidates for different contraceptive methods.
- Learn about the management options of spontaneous abortion including expectant, medical and surgical treatment.
- Understand medical regimens and surgical methods for inducing abortion in the first and second trimesters.
- Demonstrate the basic history and physical exam performed in women presenting for contraceptive management, routine Family Planning care, and various gynecologic procedures.

- Observe and participate in gynecologic procedures such as suction D&Cs, MVAs, IUD insertion, office hysteroscopy, sterilization procedure, and ultrasound.
- To be eligible for a grade of Honors, the student must demonstrate advanced knowledge of a Family Planning topic as demonstrated by a chosen topic to be discussed with the faculty director.
- The student will be enrolled in the fourth-year professionalism seminar through the Program for Bioethics and Humanities as part of this rotation. This seminar meets once per month; a seminar invitation will arrive via email.
- Required Clinical Experiences must be recorded and completed by the end of the rotation.
- Midblock feedback will be provided by the faculty director.

OBG:8409 Night Float - 4 weeks

Faculty: Michael Haugsdal, MD, Faculty Director

Offered: All blocks

Administrative Sally Fisher
Contact: 319-384-8654
 sally-fisher@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

The Night Float student will be paired with the Night R2 to share primary responsibility for the inpatients on the gynecology services. The Night Float student and Night R2 will perform the initial assessment of Emergency Department or inpatient consults/admissions with supervision of the Night Chief R3/4 and /or faculty as indicated. The Night Float student will carry out management plans discussed at evening sign-out for the inpatient Gyn services. When not actively engaged in the care of Gyn patients, the Night Float student will participate in the work of the resident team on Labor & Delivery, gaining OB procedural experience. However, Labor & Delivery activities will be per the discretion of the Night Chief R3/4 in order to prioritize the Labor & Delivery experience for the core clerkship students.

The rotation is Monday night through Thursday night from 5:00 PM to 7:30 AM with morning report at 6:30 AM Tuesday, and 7:00 – 7:30 AM Wed., Thurs., and Friday.

The Night Float student and Night R2 will generally report to the Gyn inpatient unit at 5:00 PM and attend Gyn Onc sign-out (Mon through Thurs). However, they may attend Labor & Delivery sign-out pending service needs. The Night Float student will attend Gyn Onc AM rounds including sign-out of assigned patients to the day Gyn Onc team.

Course Objectives

- Under the supervision of the Night R2, Night Chief R3/4, and staff call physician, the Night Float student will be responsible for managing the inpatient Gyn services overnight including 2-3 medically complex Gyn Onc patients. The Night Float student will develop skill in the management of inpatient gynecology (oncology and benign) patients.
- Under resident and staff supervision, the student will evaluate patients in the Emergency Department (and occasionally, Labor & Delivery), construct differential diagnoses, and contribute to plans of care. At Gyn Onc morning sign-out, the Night Float student will present the patients they have managed and will participate in the discussion concerning other patients. The Night Float student will be evaluated by direct supervision and evidence-based discussion related to inpatient management and procedures.

- The Night Float student may be involved in the intrapartum care and delivery of obstetric patients.
- Required Clinical Experiences must be recorded and completed by the end of the rotation.
- Midblock feedback will be provided by the faculty director.

OBG:8410 Translational Science in Reproductive Health - 4 weeks

Faculty: Donna Santillan, PhD
Donna-santillan@uiowa.edu

Offered: All blocks

Mark Santillan, MD PhD
Mark-santillan@uiowa.edu

Max 4
Enrollment:

Special Grading is PASS/FAIL only
Conditions:

The primary purpose of the Translational Science in Reproductive Health advanced elective is to provide medical students with exposure to and education in basic and applied/translational research in reproductive sciences, obstetrics, gynecology, and developmental biology/perinatal programming. During this elective, medical students will become directly involved in on-going research efforts in the Department of Obstetrics & Gynecology. Furthermore, they will have the opportunity and resources to spearhead their own research project under the direction of the Course Director(s), Course Coordinator and/or other faculty members. Medical students who pursue this advanced elective will organize and complete a research project with the goal to produce a written abstract. They will also formally present their findings to mentors and peers upon the completion of the elective. Finally, woven throughout the exploration of their research project will be a didactic curriculum to increase the medical student's understanding of basic and applied/translational research. The Translational Science in Reproductive Health advanced elective aligns with the mission of CCOM by refining research focus for those "world class providers and scientists" with a desire to contribute to the body of research in reproductive health. This course will offer expanded opportunities for students to develop skills in communication, collaboration, and professionalism.

OBG:8450 OB/Gyn COC

Faculty: Sarah Shaffer, DO and Michael
Haugsdal, MD; Faculty Directors

Offered: Last 2 semesters
July - May

Administrative Sally Fisher
Contact: 319-384-8654
sally-fisher@uiowa.edu

Max 2
Enrollment:

Report To: See ICON or departmental email

Special Contact Sally-Fisher@uiowa.edu to
Conditions: add.

Continuity of Care in Obstetrics & Gynecology is an advanced elective designed to provide a longitudinal patient care experience with a single dedicated Generalist faculty preceptor over two semesters. Throughout the year, for an average of one half day each week, the student will be actively involved in patient care, working directly with their preceptor in the clinic. The student is encouraged to engage in self-directed learning about Obstetric & Gynecologic topics of interest based on patient encounters.

Goals: The elective is designed to prepare the interested student for outpatient women's health care by building on experience gained during the OBGyn core clerkship.

Course Objectives

- Demonstrate increased knowledge of the breadth and depth of outpatient women's health care topics.
- Display improvement of skills in performing the female pelvic and breast examinations, including collection of cervical cytology, and other common gynecologic point-of-care tests.
- Identify abnormal findings on female pelvic and breast examinations.
- Discuss management algorithms for commonly encountered gynecologic problems.
- Exhibit communication skills and cultural competency when working with patients, their families, and members of the health care team.
- Establish awareness of system-based health care topics in the outpatient OBGyn environment.
- Develop a mentoring relationship.
- Required Clinical Experiences must be completed and recorded by the end of the rotation.
- Midblock feedback will be provided by the faculty director and must be recorded by the end of the rotation.

Additional Course Information

OSAC Guidelines for all Continuity of Care (COC) Clerkships:

1. The COC is taken concurrently with other required and elective courses during the advanced phase (Phase III).
2. Students are not allowed to register for more than one COC.
3. Students must attend 80% of 42 scheduled weeks = 34 COC sessions (session = ½ day clinic) to "complete" this course.
4. Makeup sessions may be arranged at the discretion of the course director and preceptor to satisfy the attendance requirement. These cannot displace a previously scheduled core clerkship.
5. Students must limit their time-off requests for 2-week clerkships to one held day per clerkship (i.e. only one COC session during a 2-week clerkship).
6. Students must limit "off campus" weeks including away and global electives to meet the 34 session COC requirement.
7. Students are not allowed to register for a COC and be a group facilitator for:

Case-Based Learning in FCP I

Case-Based Learning in FCP II

Physical Exam Skills in FCP II

Patient-Centered Learning in FCP III

Cased-Base Learning for admission interviews

Students cannot drop their COC after January 1

OBG:8451 Ob/Gyn Scientific Writing

Faculty: Donna Santillan, PhD
donna-santillan@uiowa.edu

Offered: Longitudinal, July - May, M4 year.

Max 2
Enrollment:

Special Grading is PASS/FAIL only
Conditions: Apply through OBG department to request course enrollment.

The primary purpose of the Ob/Gyn Scientific Writing advanced elective is to allow advanced medical students to gain experience with the process of scientific publication. During this course, students will interact with scientific publications beginning with the submission of a manuscript. From there, they will participate in the peer-review and editorial decision-making process. In total, they will be involved and interact with the same manuscript(s) throughout the scientific publication process. This advanced elective will allow students to gain more experience in manuscript preparation, scientific communication, editorial duties, and the publication process through the lens of both a journal editor and a manuscript author. The final product of this experience is an enhanced understanding of the scientific publication process.

OBG:8497 Research in Ob/Gyn - 4 weeks

Faculty: Sarah Shaffer, DO and Michael Haugsdal, MD; Faculty Directors

Offered: Arranged

Administrative Sally Fisher
Contact: 319-384-8654
sally-fisher@uiowa.edu

Report To: See ICON or departmental email

Special Individually arranged elective form
Conditions: must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by student and willing faculty member within the Department of OBGyn with approval of the Faculty Director. The student must secure a faculty member within the Department of OBGyn to serve as the supervisor and mentor during the elective.

The purpose of the elective is to provide an introductory experience in research for those individuals with interest in OBGyn and/or who may be considering greater in-depth training in women's health at a later time. The student must select a specific area of interest and develop a written educational plan with the assistance of the faculty supervisor/mentor (and, when necessary, the faculty director). The educational plan will consist of the student's goals and learning objectives during the elective. The faculty supervisor/mentor must agree, in writing, to provide oversight and guidance to meet the educational goals and objectives. The faculty supervisor/mentor must complete a standard CCOM student evaluation within one week of completion of the research elective.

Credit for specially arranged courses is available ONLY if the course of study has been approved by the Department and CCOM Registrar's Office in advance.

OBG:8498 Special Study On-Campus - 4 weeks

Faculty: Sarah Shaffer, DO and Michael Haugsdal, MD Faculty Directors

Offered: Arranged

Administrative Sally Fisher
Contact: 319-384-8654
sally-fisher@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

2 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

The student must secure a faculty member to serve as the supervisor and mentor during the elective. Individually arranged by student with approval of the Faculty Director.

The student must select a specific area of interest and develop a written educational plan with the assistance of the supervisor/mentor (and, when necessary, the faculty director). The educational plan will consist of the student's goals and learning objectives during the elective. The faculty supervisor/mentor must agree, in writing, to provide oversight and guidance to meet the goals and objectives. The faculty supervisor/mentor must complete a standard CCOM student evaluation within one week of completion of the elective. Credit for specially arranged courses is available ONLY if the course of study has been approved by the Department and CCOM Registrar's Office in advance.

OBG:8499 Special Study Off-Campus - 4 weeks

Faculty: Sarah Shaffer, DO and Michael Haugsdal, MD Faculty Directors

Offered: Arranged

Administrative Sally Fisher
Contact: 319-384-8654
sally-fisher@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of
consecutive 2-week periods.

The student must secure a faculty member to serve as the supervisor and mentor during the elective. Individually arranged by student with approval of the Faculty Director.

The student must select a specific area of interest and develop a written educational plan with the assistance of the supervisor/mentor (and, when necessary, the faculty director). The educational plan will consist of the student's goals and learning objectives during the elective. The faculty supervisor/mentor must agree, in writing, to provide oversight and guidance to meet the goals and objectives. The faculty supervisor/mentor must complete a standard CCOM student evaluation within one week of completion of the elective outlined in the educational plan. Credit for specially arranged courses is available ONLY if the course of study has been approved by the Department and CCOM Registrar's Office in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

DEPARTMENT OF OPHTHALMOLOGY

Director: [Dr. Lindsay De Andrade](#)

Contact: [Tonya Looker](#)
11290 PFP
319-356-2921

OPHT:8401 Cornea and Anterior Segment of the Eye - 4 weeks

Faculty: Mark Greiner, MD

Offered: Arranged

Administrative Contact: Tonya Looker
319-356-2921
tonya-looker@uiowa.edu

Max Enrollment: 1

Report To: See ICON or departmental email

Special Conditions: Prerequisite: OPHT:8301

Intended for students interested in learning about the most common eye disorders in the field of cornea and the anterior segment of the eye.

The student is expected to:

- learn basic techniques of eye examination;
- learn to diagnose common diseases of the cornea and anterior segment of the eye, including the lens, iris and anterior chamber;
- learn basic principles of therapeutics of cornea and the anterior segment.

This will be achieved by:

- reading assignments;
- daily conferences;
- clinical work-up of patients;
- self-assessment programs.

The student will be evaluated throughout the elective and at its completion.

OPHT:8402 Elective in Neuro-Ophthalmology - 4 weeks

Faculty: Matthew Thurtell, MBBS, MSc,
FRACP

Offered: Arranged

Administrative Contact: Tonya Looker
319-356-2921
tonya-looker@uiowa.edu

Max Enrollment: 1

Report To: See ICON or departmental email

Special Prerequisite: OPHT:8301
Conditions:

Intended for students with an interest in Neurology, Neurosurgery, Internal Medicine, or Ophthalmology.

The student is expected to learn the diagnosis and management of neuro-ophthalmic problems (visual loss, diplopia, field loss, pupil dysfunction). This will be achieved by working up patients in Neuro-ophthalmology Clinic and presenting them to the faculty.

OPHT:8403 Molecular Ophthalmology - 4 weeks

Faculty: John Fingert, MD, PhD

Offered: All blocks

Administrative Contact: Tonya Looker
319-356-2921
tonya-looker@uiowa.edu

Max Enrollment: 1

Report To: See ICON or departmental email

Special Conditions: Permission Required. Contact Tonya Looker.

Students must send a written request describing their interest in molecular genetics and a reference.

Four-week course designed to introduce the student to the use of molecular ophthalmology in the study of inherited eye diseases. Directed reading and library research are augmented by clinical and laboratory activities.

OPHT:8404 Elective in Ocular Pathology - 4 weeks

Faculty: Nasreen Syed, MD

Offered: Not available July.

Course may be abbreviated in May and October due to major ophthalmology meetings.

Administrative Contact: Tonya Looker
319-356-2921
tonya-looker@uiowa.edu

Max Enrollment: 1

Report To: See ICON or departmental email

Special Conditions: Permission Required. Contact Tonya Looker.

This course is designed to introduce the student to ophthalmic pathology and the basic principles of ocular disease.

Working with the staff and residents in the Ophthalmic Pathology Laboratory in the Department of Ophthalmology, the student will participate in the gross and microscopic examination and diagnosis of surgical and autopsy specimens from the eye and ocular adnexa. Clinicopathologic correlation will be stressed with problems in an unknown case format. Students will be expected to supplement their practical experience with independent reading and examination of histopathologic teaching materials. A final examination will be given. Students would be expected to make one clinicopathologic correlation (CPC) presentation at a morning conference toward the end of their elective. A clinical ophthalmology elective or similar previous clinical exposure is highly recommended prior to taking this course.

Course Objectives

Goals include:

Attitude

- To develop an appreciation for the importance of communication between the surgeon and pathologist.
- To learn to incorporate preparation of specimens for pathologic examination into the surgical plan.
- To appreciate the manner in which pathologic specimens should be handled for diagnostic purposes.

Knowledge

- To understand the basic pathologic mechanisms of disease and understand how these may manifest in the eye and ocular adnexa.
- To understand the relationship between clinical manifestations of ocular disease and the pathologic findings (clinicopathologic correlation).

Skills

- To recognize basic histology of the eye and ocular adnexa.
- To become familiar with terminology in the field of ophthalmic pathology.
- To develop a basic differential diagnosis based on pathologic findings.

Additional Course Information

This course is designed as a 4-week elective (5 days a week/8 hours per day). Not available July, course may be abbreviated in May and October due to major ophthalmology meetings.

OPHT:8405 Advanced Ophthalmology - VA - 4 weeks

Faculty: Thomas Oetting, MD

Offered: All blocks

Administrative Tonya Looker

Max 1

Contact: 319-356-2921
tonya-looker@uiowa.edu

Enrollment:

Report To: See ICON or departmental email

Special Prerequisite: OPHT:8301
Conditions:

This advanced elective offers the opportunity for an in-depth clinical experience in the assessment and management of ophthalmology patients. Elective clerks will serve on the Iowa City Veterans Affairs Health System Ophthalmology team and will see outpatients and ER visits alongside the residents and faculty.

Course Objectives

The student is expected to:

- learn basic techniques of eye examination;
- learn to diagnose common acute and chronic eye conditions;
- learn to formulate treatment plans for eye conditions seen in clinics.

This will be achieved by:

- working up patients in the VA Ophthalmology Clinic and presenting them to faculty;
- daily conferences;
- reading assignments;
- self-assessment programs.

The student will be evaluated throughout the elective and at its completion.

OPHT:8406 Ophthalmic Plastic & Reconstructive Surgery - 4 weeks

Faculty: Erin Shriver, MD

Offered: All blocks

Administrative Tonya Looker

Contact: 319-356-2921

tonya-looker@uiowa.edu

Max 1

Enrollment:

Report To: See ICON or departmental email

Special Prerequisite: OPHT:8301
Conditions:

Permission required. Contact Tonya Looker

Intended for students interested in learning about Ophthalmic Plastic and Reconstructive Surgery.

The student is expected to:

- learn basic eyelid, lacrimal, and orbital anatomy;
- demonstrate eyelid, lacrimal, orbital, and socket examination techniques;
- demonstrate understanding of the diagnosis and management of common oculoplastic conditions including eyelid, orbital, and lacrimal trauma.

This will be achieved by:

- reading assignments;
- work-up of patients in clinic with presentation to faculty;
- observation of surgical procedures in the operating room;
- presentation of an interesting case or topic with literature review once a week;
- presentation at morning rounds towards the end of the elective.

OPHT:8497 Research in Ophthalmology - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Tonya Looker
Contact: 319-356-2921
tonya-looker@uiowa.edu

Report To: See ICON or departmental email

Special Individually arranged elective form
Conditions: must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

The purpose of this elective is to provide introductory experience in department research for those individuals considering greater in-depth training at a later time.

Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

OPHT:8498 Special Study On-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Tonya Looker
Contact: 319-356-2921
tonya-looker@uiowa.edu

Max 3
Enrollment:

Report To: See ICON or departmental email

Special Individually arranged elective form
Conditions: must be submitted a minimum of 4 weeks prior to start of rotation.

2 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by students with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

OPHT:8499 Special Study Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Tonya Looker
Contact: 319-356-2921
tonya-looker@uiowa.edu

Report To: See ICON or departmental email

Special Individually arranged elective form
Conditions: must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by students with approval of the department. Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

DEPARTMENT OF ORTHOPEDICS AND REHABILITATION

Director: [Dr. Benjamin Miller](#)
[Dr. Heather Kowalski](#)
[Dr. Philip Chen](#) - PM&R

Contact: [Kelly Schnoebelen](#)
01029 JPP
319-356-3090

ORTH:8404 Introduction to PM&R - 2 weeks

Faculty: Drs. Aschenbrenner, Bingham, P. Chen
and Hall

Offered: All blocks

Administrative Kelly Schnoebelen
Contact: 01006 JPP, 319-356-3090
kelly-j-schnoebelen@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

Special Prerequisite: ORTH:8301
Conditions:

This clerkship is intended primarily for students pursuing other specialties (such as family medicine, orthopedics, neurology, emergency medicine) OR those who are exploring PM&R as a possibility, to provide brief exposure to the field. Students with strong interest in PM&R should consider the 4-week PM&R clerkship and the 2-week acute inpatient rehab clerkship.

Course Objectives

Students will increase their knowledge in the diagnosis and management of a wide range of acute and chronic neuromusculoskeletal conditions, including back, neck, hip, and shoulder pain, and sequelae of stroke, brain injury, spinal cord injury, and amputations, among others. They will learn principles of non-surgical treatment of pain, indications for surgical referral, and functional needs of those living with chronic disability.

This will be achieved by:

- participating in PM&R outpatient clinics, including EMG and MSK ultrasound.
- participating in therapy, psychology, and orthotics & prosthetics clinics.
- completing a short oral presentation (10 min) on a topic of interest.

ORTH:8405 Physical Medicine and Rehabilitation - 4 weeks

Faculty: Drs. Aschenbrenner, Bingham, P. Chen
and Hall

Offered: All blocks

Administrative Kelly Schnoebelen
Contact: 01006 JPP, 319-356-3090
kelly-j-schnoebelen@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

This clerkship is intended primarily for students planning or strongly considering a career in PM&R. These students should also strongly consider the 2-week acute inpatient rehab clerkship. Other students may participate, but priority will be given to students pursuing PM&R.

Course Objectives

The student will:

- increase their ability to diagnose, treat and rehabilitate patients with non-surgical injuries of the neuro-musculoskeletal systems.
- increase knowledge of the complications of injuries to the neuro-musculoskeletal system.

This will be achieved by:

- participating in outpatient PM&R clinics at UIHC and the VA, including EMG and MSK ultrasound.
- participating in inpatient PM&R consults.
- participating in therapy, psychology, and orthotics & prosthetics clinics.
- completing a short oral presentation (10-20 min) on a topic of interest.

ORTH:8407 Orthopedics - Adult Hip/Knee Reconstruction - 4 weeks

Faculty: Orthopedic Faculty

Offered: All blocks

Administrative Kelly Schnoebelen
Contact: 01006 JPP, 319-356-3090
kelly-j-schnoebelen@uiowa.edu

Max 2
Enrollment:

Report To: See ICON or departmental email

The student will:

- develop in-depth skill in the physical diagnosis and approach to diseases of the musculoskeletal system.
- he/she will increase his/her ability to establish a differential list of problems to recommend. appropriate solutions to each problem and assist in the management of the problem and each solution.

This will be achieved by:

- participation in the Blue Team-Adult Hip and Knee Reconstruction service.
- duties will be analogous to those of a junior resident with responsibility for patient care in clinic, hospital and the operating room.
- participation in staff conferences and rounds including presentation of patients for discussion.
- development of surgical and non-surgical skills in the care of patients.

In addition, the student will take night call with the assigned team at least one night per week and one 12-hour weekend call.

ORTH:8408 Orthopedics - Trauma - 4 weeks

Faculty: Orthopedic Faculty

Offered: All blocks

Administrative Kelly Schnoebelen
Contact: 01006 JPP, 319-356-3090
kelly-j-schnoebelen@uiowa.edu

Max 2
Enrollment:

Report To: See ICON or departmental email

The student will:

- develop in-depth skill in the physical diagnosis and approach to diseases of the musculoskeletal system.
- he/she will increase his/her ability to establish a differential list of problems to recommend appropriate solutions to each problem and assist in the management of the problem and each solution.

This will be achieved by:

- participation in the Red Team-Trauma service.
- duties will be analogous to those of a junior resident with responsibility for patient care in clinic, hospital and the operating room.
- participation in staff conferences and rounds including presentation of patients for discussion.
- development of surgical and non-surgical skills in the care of patients.

In addition, the student will take night call with the assigned team at least one night per week and one 12-hour weekend call.

ORTH:8409 Orthopedics - Pediatrics - 4 weeks

Faculty: Orthopedic Faculty

Offered: All blocks

Administrative Kelly Schnoebelen
Contact: 01006 JPP, 319-356-3090
kelly-j-schnoebelen@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

The student will:

- develop in-depth skill in the physical diagnosis and approach to diseases of the musculoskeletal system
- he/she will increase his/her ability to establish a differential list of problems to recommend appropriate solutions to each problem and assist in the management of the problem and each solution.

This will be achieved by:

- participation in the Green Team-Pediatrics service.
- duties will be analogous to those of a junior resident with responsibility for patient care in clinic, hospital and the operating room.
- participation in staff conferences and rounds including presentation of patients for discussion.
- development of surgical and non-surgical skills in the care of patients.

In addition, the student will take night call with the assigned team at least one night per week and one 12-hour weekend call.

ORTH:8410 Orthopedics - Sports Medicine - 4 weeks

Faculty: Orthopedic Faculty

Offered: All blocks

Administrative Kelly Schnoebelen
Contact: 01006 JPP, 319-356-3090
 kelly-j-schnoebelen@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

The student will:

- develop in-depth skill in the physical diagnosis and approach to diseases of the musculoskeletal system.
- he/she will increase his/her ability to establish a differential list of problems to recommend appropriate solutions to each problem and assist in the management of the problem and each solution.

This will be achieved by:

- participation in the Black Team-Sports Medicine service.
- duties will be analogous to those of a junior resident with responsibility for patient care in clinic, hospital and the operating room.
- participation in staff conferences and rounds including presentation of patients for discussion.
- development of surgical and non-surgical skills in the care of patients.

In addition, the student will take night call with the assigned team at least one night per week and one 12-hour weekend call.

ORTH:8411 Orthopedics - Hand/Wrist/Elbow - 4 weeks

Faculty: Orthopedic Faculty

Offered: All blocks

Administrative Kelly Schnoebelen
Contact: 01006 JPP, 319-356-3090
 kelly-j-schnoebelen@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

The student will:

- develop in-depth skill in the physical diagnosis and approach to diseases of the musculoskeletal system.
- he/she will increase his/her ability to establish a differential list of problems to recommend appropriate solutions to each problem and assist in the management of the problem and each solution.

This will be achieved by:

- participation in the Yellow Team-Hand, Wrist, Elbow service.
- duties will be analogous to those of a junior resident with responsibility for patient care in clinic, hospital and the operating room.
- participation in staff conferences and rounds including presentation of patients for discussion.
- development of surgical and non-surgical skills in the care of patients.

In addition, the student will take night call with the assigned team at least one night per week and one 12-hour weekend call.

ORTH:8412 Orthopedics - Spine - 4 weeks

Faculty: Orthopedic Faculty

Offered: All blocks

Administrative Kelly Schnoebelen

Max 1

Contact: 01006 JPP, 319-356-3090
kelly-j-schnoebelen@uiowa.edu

Enrollment:

Report To: See ICON or departmental email

The student will:

- develop in-depth skill in the physical diagnosis and approach to diseases of the musculoskeletal system.
- he/she will increase his/her ability to establish a differential list of problems to recommend appropriate solutions to each problem and assist in the management of the problem and each solution.

This will be achieved by:

- participation in the Orange Team-Spine service.
- duties will be analogous to those of a junior resident with responsibility for patient care in clinic, hospital and the operating room.
- participation in staff conferences and rounds including presentation of patients for discussion.
- development of surgical and non-surgical skills in the care of patients.

In addition, the student will take night call with the assigned team at least one night per week and one 12-hour weekend call.

ORTH:8413 Orthopedics - Oncology/Tumor - 4 weeks

Faculty: Orthopedic Faculty

Offered: All blocks

Administrative Kelly Schnoebelen
Contact: 01006 JPP, 319-356-3090
kelly-j-schnoebelen@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

The student will:

- develop in-depth skill in the physical diagnosis and approach to diseases of the musculoskeletal system.
- he/she will increase his/her ability to establish a differential list of problems to recommend appropriate solutions to each problem and assist in the management of the problem and each solution.

This will be achieved by:

- participation in the Silver Team-Oncology/Tumor Service.
- duties will be analogous to those of a junior resident with responsibility for patient care in clinic, hospital and the operating room.
- participation in staff conferences and rounds including presentation of patients for discussion.
- development of surgical and non-surgical skills in the care of patients.

In addition, the student will take night call with the assigned team at least one night per week and one 12-hour weekend call.

ORTH:8414 Orthopedics - VA - 4 weeks

Faculty: Orthopedic Faculty

Offered: All blocks

Administrative Kelly Schnoebelen
Contact: 01006 JPP, 319-356-3090
kelly-j-schnoebelen@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

Special Must have completed an advanced
Conditions: clinical orthopedics course as
prerequisite.

The student will:

- develop in-depth skill in the physical diagnosis and approach to diseases of the musculoskeletal system.
- he/she will increase his/her ability to establish a differential list of problems to recommend appropriate solutions to each problem and assist in the management of the problem and each solution.

This will be achieved by:

- participation in the VA service - General Orthopedics.
- duties will be analogous to those of a junior resident with responsibility for patient care in clinic, hospital and the operating room.
- participation in staff conferences and rounds including presentation of patients for discussion.
- development of surgical and non-surgical skills in the care of patients.

In addition, the student will take night call with the assigned team at least one night per week and one 12-hour weekend call.

ORTH:8415 Orthopedics - Foot/Ankle - 4 weeks

Faculty: Orthopedic Faculty

Offered: All blocks

Administrative Kelly Schnoebelen
Contact: 01006 JPP, 319-356-3090
kelly-j-schnoebelen@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

The student will:

- develop in-depth skill in the physical diagnosis and approach to diseases of the musculoskeletal system.
- he/she will increase his/her ability to establish a differential list of problems to recommend. appropriate solutions to each problem and assist in the management of the problem and each solution.

This will be achieved by:

- participation in the Silver Team- Foot and Ankle service.
- duties will be analogous to those of a junior resident with responsibility for patient care in clinic, hospital and the operating room.
- participation in staff conferences and rounds including presentation of patients for discussion.
- development of surgical and non-surgical skills in the care of patients.

In addition, the student will take night call with the assigned team at least one night per week and one 12-hour weekend call.

ORTH:8416 PMR Acute Inpatient Rehab, IRH - 2 weeks

Faculty: Philip Chen, MD

Offered: All blocks

Administrative Kelly Schnoebelen
Contact: 01006 JPP, 319-356-3090
kelly-j-schnoebelen@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

Students will work primarily with the attending PM&R physician with graduated responsibilities, appropriate for level of training. Students will participate in daily clinical activities, including inpatient rounds, interdisciplinary team meetings, observing a variety of therapy sessions, and inpatient consults. At least half the day, every day, will be on

the inpatient rehab unit. Some half days may be spent doing inpatient consults or working with faculty in clinics, but no more than 2 half days/week will be in clinic. The clinical experience will emphasize the variety of patient populations and diagnoses on an inpatient rehab unit, the structure and programming on an inpatient rehab unit, the interdisciplinary team members involved and their roles, the criteria for inpatient rehab admission, functional goals and assessment, medical issues unique to the rehab population, how an inpatient rehab facility fits on the continuum of patient care, and financial aspects of inpatient rehab. Though the students will work primarily with the attending physician, there will be frequent interactions and education from other team members, highlighting the team-based approach on an inpatient rehab unit.

Additional Course Information

Inpatient rehab is a core component of PM&R specialty training and potentially a large component of clinical practice. It is intended primarily for those students who are planning or considering a career in Physical Medicine & Rehabilitation (PM&R)

The University of Iowa Health Network Rehabilitation Hospital (Iowa Rehabilitation Hospital), a joint venture with Encompass Health. Physicians and professional staff are UIHC faculty members, while the remainder of staff and daily operations are overseen by Encompass Health.

ORTH:8417 Orthopedics - Shoulder - 4 weeks

Faculty: Orthopedic Faculty

Offered: All blocks

Administrative Kelly Schnoebelen
Contact: 01006 JPP, 319-356-3090
kelly-j-schnoebelen@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

Course Objectives

The student will:

1. develop in-depth skill in the physical diagnosis and approach to diseases of the musculoskeletal system;
2. he/she will increase his/her ability to establish a differential list of problems to recommend appropriate solutions to each problem and assist in the management of the problem and each solution.

This will be achieved by:

1. participation in the Pink Team-Shoulder service;
2. duties will be analogous to those of a junior resident with responsibility for patient care in clinic, hospital and the operating room
3. participation in staff conferences and rounds including presentation of patients for discussion 4) development of surgical and non-surgical skills in the care of patients.

In addition, the student will take night call with the assigned team at least one night per week and one 12-hour weekend call.

ORTH:8497 Research in Orthopedics

Faculty: Arranged

Offered: Arranged

Administrative Kelly Schnoebelen
Contact: 01006 JPP, 319-356-3090
kelly-j-schnoebelen@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by student with approval of the department. Credit for specially arranged courses available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

ORTH:8498 Special Study On-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Kelly Schnoebelen
Contact: 01006 JPP, 319-356-3090
kelly-j-schnoebelen@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

2 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by student with approval of the department. Credit for specially arranged courses available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

ORTH:8499 Special Study Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Kelly Schnoebelen
Contact: 01006 JPP, 319-356-3090
kelly-j-schnoebelen@uiowa.edu

Report To: See ICON or departmental email

Special Individually arranged elective form
Conditions: must be submitted a minimum of 4
weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of
consecutive 2-week periods.

General Orthopedic rotation may be arranged through other University Centers or private Orthopedists with approval of the department. Credit for specially arranged courses available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

DEPARTMENT OF OTOLARYNGOLOGY

Director: [Dr. Scott Graham](#)

Contact: [Julie Kobliska](#)
21151 PFP
319-356-2177

OTO:8402 Advanced Otolaryngology - 4 weeks

Faculty: Staff

Offered: All blocks

Administrative Julie Kobliska
Contact: 319-384-8277
julie-kobliska@uiowa.edu

Max 3
Enrollment:

Report To: See ICON or departmental email

The student will

- become proficient in the physical examination of the head and neck;
- increase his ability to diagnose, evaluate and manage common disorders of the ears, nose, and throat;
- work in the outpatient clinic, on inpatient services, and in the operating room.

This will be achieved through experience

- examination of a large number of patients;
- assuming interns level responsibility inpatient care;
- independent study;
- exposure to the operating room if desired.

OTO:8497 Research in Otolaryngology - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Julie Kobliska
Contact: 319-384-8277
julie-kobliska@uiowa.edu

Report To: See ICON or departmental email

Special Individually arranged elective form
Conditions: must be submitted a minimum of 4
weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of
consecutive 2-week periods.

The purpose of this elective is to provide introductory experience in research for those individuals considering greater in-depth training at a later time.

Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

OTO:8498 Special Study On-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Julie Kobliska

Contact: 319-384-8277
julie-kobliska@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

2 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

OTO:8499 Special Study Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Julie Kobliska

Contact: 319-384-8277
julie-kobliska@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

DEPARTMENT OF PATHOLOGY

Contact: [Donna Palmer](#)
C684 GH
319-356-0319

PATH:8401 Autopsy Pathology - 2 weeks

Faculty: Dr. Stephanie Stauffer; Dr. Dennis Firchau; Dr. Marcus Nashelsky and other anatomic pathology faculty attending on the autopsy service

Offered: All blocks

Administrative Contact: Donna Palmer
donna-palmer@uiowa.edu
319-356-0319

Max Enrollment: 1

Report To: See ICON or departmental email

The student will:

- increase his/her knowledge of the gross and histologic morphology of a wide variety of diseases and injuries;
- learn the basic aspects of the post-mortem examination and clinicopathologic correlation;
- become acquainted with the role of the autopsy and medical examiner in quality control, public health and medicolegal death investigation; and
- improve basic case presentation skills.

These objectives will be achieved by:

- assisting in the complete postmortem examination;
- reviewing charts as part of the autopsy examination;
- participating in weekly autopsy conferences and brain cutting sessions; and
- participating in scheduled didactic sessions.

Students will have some opportunity for exposure to surgical pathology.

PATH:8402 Hematopathology Clerkship - 4 weeks

Faculty: Drs. S. Bhagavathi, S. Syrbu, C. Holman

Offered: All blocks

Administrative Contact: Donna Palmer
donna-palmer@uiowa.edu
319-356-0319

Max Enrollment: 1

Report To: See ICON or departmental email

The student will:

- develop proficiency in the evaluation of peripheral blood and bone marrow, lymph node, and body fluid cell evaluation;
- increase skills in recognition of benign and malignant disorders of the hematopoietic system;
- learn the appropriate laboratory work-up of anemia, thrombocytopenia/thrombocytosis, leukocytic disorders, and suspected hemoglobinopathy/thalassemia;
- increase understanding of the functioning of the hematology laboratory; and
- correlate hematologic findings with molecular, flow cytometric and cytogenetic laboratory findings.

This will be achieved through:

- performance of written reports on peripheral blood and bone marrow cases;
- attendance at daily review of bone marrows and abnormal peripheral blood and body fluid films;
- review of hemoglobin electrophoresis cases in conjunction with CBC data, blood smear findings, and clinical history;
- attendance at hematopathology unknown conference, leukemia conference, lymphoma conference, blood club, journal club, and clinical pathology conferences.

PATH:8403 Surgical Pathology - 4 weeks

Faculty: Dr. Anthony Snow and Staff

Offered: Closed March. Available all other blocks.

Administrative Contact: Donna Palmer
donna-palmer@uiowa.edu
319-356-0319

Max Enrollment: 2

Report To: See ICON or departmental email

Objectives:

- To become acquainted with the contributions to and limitations of tissue examination to patient care,
- to learn basic aspects of tissue examination and approaches to anatomic diagnosis,
- to be exposed to a variety of diseases at the gross and microscopic level.

The student will actively participate in surgical pathology by:

- observing the gross and assisting in the microscopic examination, clinical pathological correlation and report preparation of current surgical and medical specimens,
- participating in daily surgical pathology conferences.

PATH:8404 Transfusion Medicine - 2 or 4 weeks

Faculty: Drs. M. Knudson, A. Schlueter, J. Blau,
and M. Parsons

Offered: All blocks - based on availability of
trainee slot in DeGowin rotation
schedule.

Administrative Donna Palmer
Contact: donna-palmer@uiowa.edu
319-356-0319

Max 1
Enrollment:

Report To: See ICON or departmental email

Special No holidays or weekends.
Conditions:

Objective: To be exposed to common activities and functions of a comprehensive transfusion service.

Upon completion of the clinical clerkship the student will:

1. Understand the indications for the transfusion of components such as platelets, plasma, RBC's and cryoprecipitate.
2. Participate in Morning Report and be aware of common indications for therapeutic apheresis, therapeutic phlebotomy and mononuclear collections for Stem cell or CarT cell therapy. Understand the common risks and complications associated with these procedures.
3. Assist in the writeup of reports on patients with complex RBC antibodies and in patients who experience transfusion reactions.
4. Observe specific procedures such as: plasmapheresis, photopheresis, therapeutic phlebotomy, and peripheral blood progenitor cell collection (optional).
5. Participate in an offsite blood drive with DeGowin Donor Center Staff (optional).
6. Be familiar with basic Blood Bank procedures including techniques of erythrocyte typing, compatibility testing, antibody detection and antibody identification. Students may participate in specific procedures including pretransfusion compatibility testing, RBC typing and/or antibody screen.
7. Give a 30 min presentation on a Transfusion Medicine topic.

Students performing a 4-week rotation (Monday–Friday only) will have progressively more lab electives, pager coverage and will be expected to give a short case presentation at CP morning report in addition to the 30-minute presentation on Transfusion Medicine topic.

PATH:8405 Clinical Microbiology - 2 or 4 weeks

Faculty: Dr. Bradley Ford

Offered: All blocks

Administrative Donna Palmer
Contact: donna-palmer@uiowa.edu
319-356-0319

Max 1
Enrollment:

Report To: See ICON or departmental email

Special Grading is PASS/FAIL only
Conditions:
Instructor consent required.
Immunocompromised students may
need evaluation before exposure to
cultures and patient samples.

The student will:

- receive training in the preanalytical (specimen oriented), analytical (laboratory oriented) and postanalytical (interpretation oriented) aspects of infectious disease diagnostics;
- gain a practical working knowledge of how to order testing to diagnose common infectious diseases;
- learn how to interpret microbiological data to manage patient care.

This will be achieved through:

- bench rotations and observation;
- attendance and participation in daily bench rounds;
- participation in 4 weekly conferences, with one 10-minute presentation;
- interfacing with clinical staff, hospital epidemiology and laboratory staff;
- access to a wide variety of learning resources, including a faculty-led didactic series.

PATH:8497 Research in Pathology - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Contact: Donna Palmer
donna-palmer@uiowa.edu
319-356-0319

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

The purpose of this elective is to provide introductory experience in department research for those individuals considering greater in-depth training at a later time.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

PATH:8498 Special Study On-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Contact: Donna Palmer
donna-palmer@uiowa.edu
319-356-0319

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

2 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

PATH:8499 Special Study Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Contact: Donna Palmer
donna-palmer@uiowa.edu
319-356-0319

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

DEPARTMENT OF PEDIATRICS

Director: [Kristen Sandgren](#), MD
[Sam Wong](#), DO

Contact: [Sofia Ramirez](#), MBA
BT 2015-22

PEDS:8401 Advanced Inpatient Sub-Internship Pediatric Care - 4 weeks

Faculty: Sam Wong, DO

Offered: All blocks

Administrative Contact: Sofia Ramirez, MBA
2015-22 BT
sofia-ramirez@uiowa.edu

Max Enrollment: 4

Report To: See ICON or departmental email

Special Conditions: Time off is discouraged.
Students must have no other obligations other than the Pediatric COC.

Sub-interns will spend four weeks at UI Stead Family Children's Hospital, during which time they will carry responsibilities similar to that of interns with direct oversight by the supervising resident and the attending pediatrician. Sub-interns will follow their own patients in a manner similar to that of the interns on the service and will be responsible for their patients at a level commensurate with their training.

Duty Hours and on call assignments

- Duty hours will conform to the resident duty hours published by the ACGME and implemented at University of Iowa Stead Family Children's Hospital.
- Each student will be assigned two 24-hour calls.
- The schedule can be found on ICON and is different for each inpatient team.

Teams

Please contact the Pediatric Education Office to indicate your team preference within one week after the computer assignments are made. You are not able to put preferences into the computer. We ask that you choose a different team than the one to which you were assigned during the core clerkship. Those who do not indicate a preference will be assigned a team based on availability.

- Blue Team: General Pediatrics, Cardiology, Neurology, Pulmonology, and Rheumatology/Allergy/Immunology
- Green Team: General Pediatrics, Endocrinology, Gastroenterology, and Nephrology
- NICU 2-3: step down unit for the sickest of the newborn patients.
- Red Team: Hematology/Oncology

Patient Assignments

- Sub-interns should expect to carry 2-4 patients, under the direct supervision of the supervising resident (PL3) and the direct oversight of the attending pediatrician.
- Responsibilities will be progressively increased as deemed appropriate by the supervising resident.
- Patients will be assigned by the supervising resident to balance the workload and will reflect common acute and chronic problems of pediatric patients.

Course Objectives

- Evaluate and diagnose patients with complex medical presentations
- Develop management plans for patients with complex medical presentations
- Complete inpatient stay documentation, such as admission notes, progress notes, placing orders, and discharge summaries
- Demonstrate a level of initiative and involvement equivalent to that of an early-stage intern
- Coordinate patient care within interprofessional teams
- Provide education and counseling to patients and/or patient families

Additional Course Information

- Students are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are required to upload a written Foundational Science Learning Report to ICON by the end of week 1 and week 3 of the rotation.
- Students are required to submit a completed and signed Clinical Therapeutics Rounds evaluation by the end of the 3rd Friday of the rotation
- Students are required to log their 24-hour calls on Clerx under “Collegiate RCEs”.
- Students are required to attend the scheduled Advanced Student Lectures during their rotation. Attendance is mandatory.
- Students are required to complete an assignment for the Ethics & Humanities Sub-Internship Seminar as well as attend the discussion held the afternoon of the last Wednesday of the rotation. Attendance is mandatory.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.
- Students are required to evaluate a minimum of 3 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8402 Advanced Inpatient Sub-Internship in Pediatrics Blank Children's Hospital - 4 weeks

Faculty: Andrew Cyr, MD & Staff

Offered: All blocks

Administrative Sofia Ramirez, MBA

Max 1

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Enrollment:

Report To: Wendi Kruger
Des Moines Area Medical Education
Consortium
515-241-4455
wendi.kruger@unitypoint.org

Special Room provided. Food stipend
Conditions: provided.

Time off is discouraged

Sub-interns will spend four weeks at BCH, during which time they will carry the full responsibilities of interns, although with more direct supervision by the supervising resident and the attending pediatrician. Sub-interns will follow their own patients in a manner similar to that of the interns on the service and will be responsible for their patients at a level commensurate with their training.

Duty Hours and on call assignments

- Duty hours will conform to the resident duty hours published by the ACGME and implemented at BCH.

- Each student will be assigned two 24-hour calls.
- Specific details will be provided to sub-interns at the time of orientation to the rotation.

Patient Assignments

- Sub-interns should expect to carry 2-4 patients, under the direct supervision of the supervising resident (PL2 or PL3) and the direct oversight of the attending pediatrician.
- Responsibilities will be progressively increased as deemed appropriate by the supervising resident.
- Patients will be assigned by the supervising resident to balance the workload and will reflect common acute and chronic problems of pediatric patients.

Course Objectives

- Evaluate and diagnose patients with complex medical presentations
- Develop management plans for patients with complex medical presentations
- Complete inpatient stay documentation, such as admission notes, progress notes, placing orders, and discharge summaries
- Demonstrate a level of initiative and involvement equivalent to that of an early-stage intern
- Coordinate patient care within interprofessional teams
- Provide education and counseling to patients and/or patient families

Additional Course Information

- Students are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are required to upload a written Foundational Science Learning Report to ICON by the end of week 1 and week 3 of the rotation.
- Students are required to submit a completed and signed Clinical Therapeutics Rounds evaluation by the end of the 3rd Friday of the rotation
- Students are required to log their 24-hour calls on Clerx under “Collegiate RCEs”
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.
- Students are required to evaluate a minimum of 3 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8403 Neonatal Intensive Care Unit - 4 weeks

Faculty: Sam Wong, MD and Staff

Offered: All blocks

Administrative Sofia Ramirez, MBA

Max 1

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Enrollment:

Report To: See ICON or departmental email

Special Time off is discouraged.
Conditions:

Duty Hours and on call assignments

- Duty hours will conform to the resident duty hours published by the ACGME and implemented at University of Iowa Stead Family Children’s Hospital.
- Each student will be assigned two 24-hour calls.
- Specific details will be provided to students at the time of orientation to the rotation.

Course Objectives

Collegiate ICU Objectives:

- Recognize a critically ill patient and determine the patient's severity of illness.
- Function as an effective team member in the resuscitation of an acutely unstable patient.
- Develop a continuous cycle of assessment, hypothesis generation, management, and reassessment in the care of critically ill patients.
- Participate effectively on an interprofessional health care team, including demonstration of interpersonal and written communication skills resulting in accurate information exchange.

Please see ICON for the schedule.

Additional Course Information

- Students are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are required to complete and upload a Social Determinants of Health assignment. See ICON for more information.
- Students are required to log their 24-hour calls on Clerx under "Collegiate RCEs".
- Students are required to log the ICU Required Clinical Experiences (RCEs) in Clerx.
- Students are expected to attend the scheduled Advanced Student Lectures during their rotation. Attendance is mandatory.
- Students are required to complete an assignment for the Ethics & Humanities Sub-Internship Seminar as well as attend the discussion held the afternoon of the last Wednesday of the rotation. Attendance is mandatory.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.
- Students are required to evaluate a minimum of 3 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8404 Pediatric Intensive Care Unit - 4 weeks

Faculty: LeeAnne Flygt, MD, Carolina Quintana
Grijalba, MD & Staff

Offered: All blocks

Administrative Contact: Sofia Ramirez, MBA
2015-22 BT
sofia-ramirez@uiowa.edu

Max Enrollment: 2

Report To: See ICON or departmental email

Special Conditions: Time off is discouraged

Duty Hours and on call assignments

- Duty hours will conform to the resident duty hours published by the ACGME and implemented at University of Iowa Stead Family Children's Hospital.
- Each student will be assigned two 24-hour calls.
- Specific details will be provided to students at the time of orientation to the rotation.

Course Objectives

Collegiate ICU Objectives:

- Recognize a critically ill patient and determine the patient's severity of illness.
- Function as an effective team member in the resuscitation of an acutely unstable patient.
- Develop a continuous cycle of assessment, hypothesis generation, management, and reassessment in the care of critically ill patients.
- Participate effectively on an interprofessional health care team, including demonstration of interpersonal and written communication skills resulting in accurate information exchange.

Please see ICON for the schedule.

Additional Course Information

- Students are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are required to complete and upload a Social Determinants of Health assignment. See ICON for more information.
- Students are required to log their 24-hour calls on Clerx under "Collegiate RCEs".
- Students are required to log the ICU Required Clinical Experiences (RCEs) in Clerx.
- Students are required to attend the scheduled Advanced Student Lectures during their rotation. Attendance is mandatory.
- Students are required to complete an assignment for the Critical Care Professionalism Seminar as well as attend the discussion held the afternoon of the last Wednesday of the rotation. Attendance is mandatory.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.
- Students are required to evaluate a minimum of 3 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8405 Pediatric Emergency Room, Blank Children's Hospital - 4 weeks

Faculty: Andrew Cyr, MD & Staff

Offered: All blocks

Administrative Sofia Ramirez, MBA

Max 1

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Enrollment:

Report To: Wendi Kruger
Des Moines Area Medical Education
Consortium
515-241-4455
wendi.kruger@unitypoint.org

Special Room provided. Food stipend
Conditions: provided.

This rotation is focused for those interested in entering a residency in pediatrics, family medicine, or emergency medicine who want to learn more about the management of common pediatric illnesses and emergencies. The student will become familiar with the management of conditions in infants, children and adolescents that may present urgently to an emergency department, general pediatrician, or family practitioner.

Duty Hours

- Students will be scheduled for sixteen 10-hour shifts. This will include two full weekends and possibly more weekend time depending on the number of learners and the number of weekends in the month.
- There will be a minimum of a 10-hour period of rest between ED shifts.

- There will be no 24-hour call.

Additional Course Information

- Students are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are required to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.
- Students are required to evaluate a minimum of 3 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8406 Pediatric Pulmonology - 4 weeks

Faculty: Scott Sheets, DO & Staff

Offered: All blocks

Administrative Sofia Ramirez, MBA

Max 1

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Enrollment:

Report To: See ICON or departmental email.

The elective offers students an extensive opportunity to learn the clinical assessment of respiratory diseases and complaints, including physical exam, history taking, and interpretation of ancillary study such as lung functions, allergy testing, blood gases. Students will be exposed to diagnosis, management, and follow-up for common chronic respiratory conditions in the pediatric population.

Course Objectives

1. Develop the skills and knowledge to begin to manage acute pulmonary complaints
2. Develop the skills and knowledge to begin to diagnose and manage chronic respiratory disease.
3. Perform an age-appropriate history and physical exam needed to evaluate, treat and/or monitor patients with presenting signs and symptoms for common pulmonary disease processes.
4. Identify when ancillary testing is appropriate and how to interpret basic ancillary tests used in respiratory assessment to include lung functions testing, blood gasses and allergy testing options.
5. Develop the skills and knowledge to assess and manage asthma.
6. Recognize the potential side effects of commonly used respiratory therapies and how to monitor for those.
7. Develop the skills and knowledge to begin to manage cystic fibrosis.

Additional Course Information

- Students are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are required to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
- Students are required to attend the scheduled Advanced Student Lectures during their rotation. Attendance is mandatory.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.

Students are required to evaluate a minimum of 3 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8407 Pediatric Cardiology - 4 weeks

Faculty: Prashob Porayette, MD and Staff

Offered: All blocks

Administrative Sofia Ramirez, MBA

Max 1

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Enrollment:

Report To: See ICON or departmental email

This rotation focuses on enhancing physical exam skills and physiology knowledge base from a cardiovascular perspective. Students will learn to clinically integrate cardiovascular physiology with physical findings and laboratory tests. An emphasis will be placed on learning to differentiate innocent versus organic heart murmurs. By the end of the rotation, students should be able to explain the mechanism for the production of heart sounds and murmurs, distinguish normal from abnormal cardiovascular signs and symptoms, and explain normal cardiac physiology as it applies to interpreting physical exam or laboratory tests.

Additional Course Information

- Students are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are required to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
- Students are required to attend the scheduled Advanced Student Lectures during their rotation. Attendance is mandatory.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.
- Students are required to evaluate a minimum of 3 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8408 Pediatric Gastroenterology - 4 weeks

Faculty: Eyad Hanna, MD and Staff

Offered: All blocks

Administrative Sofia Ramirez, MBA

Max 2

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Enrollment:

Report To: See ICON or departmental email.

The student will increase their proficiency in the diagnosis, management and treatment of various diseases of the gastrointestinal tract, liver and pancreas and their nutritional consequences during infancy and childhood. The student will develop a greater depth of knowledge concerning normal and abnormal nutrition.

Additional Course Information

- Students are required to upload the completed and signed mid-rotation form to ICON to receive full credit.
- Students are required to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
- Students are required to attend the scheduled Advanced Student Lectures during their rotation. Attendance is mandatory.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.
- Students are required to evaluate a minimum of 3 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8409 Pediatric Hematology/Oncology - 4 weeks

Faculty: David Claassen, MD and Staff

Offered: All blocks

Administrative Sofia Ramirez, MBA

Max 1

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Enrollment:

Report To: See ICON or departmental email.

The goal of this rotation is for the student to gain familiarity with the diagnosis and ongoing management of children with common and rare hematologic and immunologic disorders and malignancies. Through exposure to a wide variety of hematologic and oncologic diagnoses, the student will gain experience in diagnosing and treating patients in a multidisciplinary team. Students will also observe and participate in procedures, chemotherapy planning and delivery, and transfusion medicine. The students will learn different roles in the clinic working with faculty, trainees, nurse practitioners, physician assistants, clinic nurses, social workers, child life specialists, and others.

Additional Course Information

- Students are required to upload the completed and signed mid-rotation form to ICON to receive full credit.
- Students are required to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
- Students are required to attend the scheduled Advanced Student Lectures during their rotation. Attendance is mandatory.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.
- Students are required to evaluate a minimum of 3 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8410 Pediatric Neurology - 4 weeks

Faculty: Leah Zhorne, MD and Staff

Offered: All blocks

Administrative Sofia Ramirez, MBA

Max 1

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Enrollment:

Report To: See ICON or departmental email

The student will:

- become more proficient in performing a neurologic examination through the ages (newborn, infant, toddler, etc.)
- be able to obtain a complete neurologic history and physical exam and to present this to the attending in an organized and succinct fashion.
- be familiar with the basic principles of neurologic localization (aka where is the lesion?)
- learn how to approach common neurologic problems such as headache, seizures, hypotonia, developmental delay, etc.
- learn how to develop a differential diagnosis for common neurologic complaints.
- Understand and appropriately utilize common diagnostic tools and labs (EEG, EMG, drug levels, etc.)
- Observe a multidisciplinary approach to complex patient problems (MDA clinic)
- Appropriately utilize resources to participate in evidence-based decision making.

These goals will be achieved through: Clinical activities will be focused on the outpatient clinic, with limited involvement in the inpatient service and consult service. The student will see patients independently and staff them with an attending. Students will participate in clinical conferences and will be expected to read selected readings in pediatric neurology. Students will be expected to participate in the weekly child neurology clinical conference.

Additional Course Information

- Students are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are required to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
- Students are required to attend the scheduled Advanced Student Lectures during their rotation. Attendance is mandatory.
- Students are required to present an interesting case during the last week of the rotation.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.
- Students are required to evaluate a minimum of 3 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8412 Developmental and Behavioral Pediatrics - 2 or 4 weeks

Faculty: Marcio Leyser MD and Staff

Offered: All blocks

Administrative Sofia Ramirez, MBA

Max 1

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Enrollment:

Report To: See ICON or departmental email.

Course Objectives

- Understand the normal developmental sequence of childhood, and the impact of environmental influences.
- Be aware of the antecedents of selected developmental disabilities including ADHD, autism, intellectual and physical disabilities.
- Identify methods to detect cognitive and motor delays in infancy.
- Identify methods to detect physical and cognitive delays in the preschool child.
- Understand the long-term consequences of developmental disabilities.
- Work with an interdisciplinary team and understand its advantages in addressing developmental disabilities.

Additional Course Information

- Students registered for a 4-week rotation are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit. Students registered for a 2-week rotation do not need to complete a mid-rotation feedback.
- Students registered for either a 2-week or 4-week rotation are required to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
- Students are required to attend the scheduled Advanced Student Lectures during their rotation. Attendance is mandatory.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.
- Students are required to evaluate a minimum of 2 Pediatric faculty, fellows, and residents with whom they work throughout the 2-week rotation and a minimum of 4 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8415 Medical Genetics for the Senior Student - 4 weeks

Faculty: Nicole Safina, MD, and Staff

Offered: All blocks

Administrative Sofia Ramirez, MBA

Max 1

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Enrollment:

Report To: See ICON or departmental email

This rotation is designed to give an awareness of clinical and counseling approaches to genetic disorders and birth defects. Students may be scheduled to attend any of the following clinics: general genetics, connective tissue disorders, neurofibromatosis, metabolic (initial and long-term follow-up), cancer predisposition, lysosomal storage disorders, and outreach clinics.

While the majority of clinics will be held in the Peds Specialty Clinic at UI Stead Family Children's Hospital, students will be scheduled for one of the Genetics Outreach Clinics and will be expected to attend. Sites are in Bettendorf, Cedar Falls, Dubuque, and Johnston. Transportation will be provided via shared van. Please see ICON for more information.

Additional Course Information

- Students are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are required to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
- Students are required to attend the scheduled Advanced Student Lectures during their rotation. Attendance is mandatory.
- Students are expected to present a 10-minute case review at the end of the rotation.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.
- Students are required to evaluate a minimum of 3 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8416 NICU, Blank Children's Hospital - 4 weeks

Faculty: Andrew Cyr, MD & Staff

Offered: All blocks

Administrative Sofia Ramirez, MBA

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Max 1

Enrollment:

Report To: Wendi Kruger
Des Moines Area Medical Education
Consortium
515-241-4455
wendi.kruger@unitypoint.org
8am

Special Room provided.
Conditions: Food stipend provided.

Duty Hours and on call assignments

- Duty hours will conform to the resident duty hours published by the ACGME and implemented at Blank Children's Hospital.
- Each student will be assigned two 24-hour calls.
- Specific details will be provided to students at the time of orientation to the rotation.

Course Objectives

- Recognize a critically ill patient and determine the patient's severity of illness.
- Function as an effective team member in the resuscitation of an acutely unstable patient.
- Develop a continuous cycle of assessment, hypothesis generation, management, and reassessment in the care of critically ill patients.
- Participate effectively on an interprofessional health care team, including demonstration of interpersonal and written communication skills resulting in accurate information exchange.

Additional Course Information

- Students are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are required to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
- Students are required to log their 24-hour calls on Clerx under "Collegiate RCEs".

- Students are required to log the ICU Required Clinical Experiences (RCEs) in Clerx.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.
- Students are required to evaluate a minimum of 3 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8417 Community Pediatric Outpatient Elective - 2 weeks

Faculty: Check with clerkship coordinator for a list of available preceptors before registering for this course.

Offered: All blocks

Administrative Sofia Ramirez, MBA

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Permission required.

This 2-week outpatient elective will provide medical students the opportunity to participate as active members of a community-based General Pediatric office, working directly with community-based faculty members and the non-physician team members. Students are expected to build on the clinical skills developed during the Core Pediatric Clerkship.

Course Goal: Develop increased competency in assessment and management of patients ranging from newborn infants to adolescents with common pediatric clinical problems.

Students should contact the clerkship coordinator prior to adding this course to review a list of available preceptors and locations.

Course Objectives

Experiences may vary depending on location

- Perform evaluations of well children
- Identify key components of the health supervision visit for each age group
- Evaluate patients who have acute and chronic illnesses and begin management of the problems(s) identified
- Develop the ability to distinguish an ill patient from a healthy patient
- Learn and implement management options for common clinical problems

Additional Course Information

- Students are required to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
 - Students are responsible for initiating on-line evaluations and for completing the CCOM Clerkship Evaluation.
 - Students are required to complete the CCOM Clerkship Evaluation.
 - Students are required to evaluate the Pediatric faculty, fellows and residents with whom they work throughout the 2-week rotation.
-

PEDS:8418 Pediatric ICU, Blank Children's Hospital - 4 weeks

Faculty: Blank Pediatric Critical Care Staff -
Andrew Cyr, MD

Administrative Wendi Kruger

Max 1

Contact: 1415 Woodland Avenue, Suite 130
Des Moines, Iowa 50309
Phone: 515 / 241-4455
Email: wendi.kruger@unitypoint.org

Enrollment:

Report To: Program Coordinator, will send
information about when and where to
report.

Special Time off during this rotation is
Conditions: discouraged per CCOM guidelines.

Duty Hours and on call assignments

- Duty hours will conform to the resident duty hours published by the ACGME and implemented at Blank Children's Hospital.
- Each student will be assigned two 24-hour calls.
- Specific details will be provided to students at the time of orientation to the rotation.

Course Objectives

- Recognize a critically ill patient and determine the patient's severity of illness.
- Function as an effective team member in the resuscitation of an acutely unstable patient.
- Develop a continuous cycle of assessment, hypothesis generation, management, and reassessment in the care of critically ill patients.
- Participate effectively on an interprofessional health care team, including demonstration of interpersonal and written communication skills resulting in accurate information exchange.

Please see ICON for the schedule.

Additional Course Information

- Students are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are required to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
- Students are required to log their 24-hour calls on Clerx under "Collegiate RCEs".
- Students are required to log the ICU Required Clinical Experiences (RCEs) in Clerx.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.
- Students are required to evaluate a minimum of 3 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8419 Pediatric Rheumatology, Allergy, & Immunology - 4 weeks

Offered: All blocks

Administrative Sofia Ramirez, MBA
Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email.

The purpose of this elective is to introduce students to the fields of rheumatology and allergy/immunology.

Course Objectives

Introduce students to the fields of rheumatology and allergy/immunology. These fields are often underrepresented in medical training, yet their importance cannot be understated.

Additional Course Information

- Students are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are required to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
- Students are required to complete a Scholarly Mini-Project. See ICON for more information.
- Students are required to attend the scheduled Advanced Student Lectures during their rotation. Attendance is mandatory.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.
- Students are required to evaluate a minimum of 3 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8420 Pediatric Palliative Care - 4 weeks

Faculty: Rebecca Benson, MD, PhD and
pediatric palliative care team

Offered: All blocks

Administrative Sofia Ramirez, MBA
Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental emails

Special Permission Required. Please contact
Conditions: clerkship coordinator.

Pediatric palliative care enhances quality of life and reduces suffering for infants, children, and adolescents with serious illnesses, especially when there is uncertainty in outcome or a likely poor prognosis. Our interdisciplinary team works with a patient's primary medical team and other specialists to provide excellent symptom management, education, care coordination, and decision-making support for the patient and family. We also assess for emotional, social, psychological, and spiritual needs of the patient and family, and provide resources. Medical students will meet with patients, families, and interdisciplinary team members to provide palliative care to patients in inpatient, outpatient, and home settings.

Course Objectives

- Recognize situations in which a palliative care consultation is appropriate.
 - Review quality-of-life issues patients and families experience during a serious illness and describe how the different members of the palliative care team can assist patients and support their families.
 - Describe common medications used to treat pain and other distressing symptoms.
 - Summarize the possible disease trajectories for children with diagnoses that commonly benefit from palliative care and hospice.
 - Discuss how developmental stages of childhood and adolescence affect an individual's understanding of death.
- Recognize manifestations of grief in children.
- Reflect on personal experiences with death and dying and discuss the emotional impact of illness and dying on healthcare workers.
 - Describe strategies to effectively discuss diagnosis and prognosis, goals of care, end of life events, and code status.
 - Employ compassionate communication with patients and families and facilitate effective communication with the healthcare team.
 - Recognize roles and rights of parents/guardians and patients in the medical decision-making process.
 - Integrate knowledge of the health care system in developing a plan of care, including understanding of care coordination and the medical home.

Additional Course Information

- Students are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are required to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
- Students are required to attend the scheduled Advanced Student Lectures during their rotation. Attendance is mandatory.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.
- Students are required to evaluate a minimum of 3 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8421 Pediatric Endocrinology - 4 weeks

Faculty: Lauren Kanner, MD and Staff

Offered: All blocks

Administrative Sofia Ramirez, MBA

Max 1

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Enrollment:

Report To: See ICON or departmental email

The student will increase his/her knowledge of and proficiency in the diagnosis, management, and treatment of pediatric endocrine diseases such as:

- growth disorders (short stature, tall stature, delayed puberty, precocious puberty)
- thyroid disorders (hypothyroidism, hyperthyroidism, thyroid nodules)
- diabetes mellitus
- diabetes insipidus
- dysgenetic syndromes
- ambiguous genitalia

- adrenal insufficiency or adrenal steroid excess
- and hypopituitarism

Additional Course Information

- Students are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are required to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
- Students will give a brief presentation during the last week of the 4-week rotation.
- Students are required to attend the scheduled Advanced Student Learning Lectures during their rotation. Attendance is mandatory.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.
- Students are required to evaluate a minimum of 3 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8431 Pediatric Nephrology - 4 weeks

Faculty: Amy Strong, MD and Staff

Offered: All blocks

Administrative Sofia Ramirez, MBA

Max 1

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Enrollment:

Report To: See ICON or departmental email

Goals:

- Become familiar with and gain an appreciation for the manifestations of kidney disease in children.
- Begin to formulate management plans for patients with all types of kidney disease.

Additional Course Information

- Students are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are required to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
- Students are required to give a short talk during the last week of the 4-week rotation.
- Students are required to attend the scheduled Advanced Student Learning Lectures during their rotation. Attendance is mandatory.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.
- Students are required to evaluate a minimum of 3 Pediatric faculty, fellows, and residents with whom they work throughout the 4-week rotation.

PEDS:8450 Pediatrics COC

Faculty: Dr. Sam Wong, Course Directors

Offered: Final 2 semesters.
July - May

Administrative Sofia Ramirez, MBA

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Report To: See ICON or departmental email

Special Permission required.
Conditions: Requests must be sent to clerkship coordinator

Continuity of Care in Outpatient Pediatrics offers M4 students the opportunity to work with an experienced pediatrician in a longitudinal clinical experience for the academic year. Each student will be paired with a faculty pediatrician to see patients in a weekly clinic and provide clinical care to a defined patient population. The experience will emphasize growth and development, health supervision, and management of common acute and chronic clinical problems.

Goals: The elective is designed for students who wish to expand the pediatric-specific skills and knowledge developed during PEDS:8301 Clinical Pediatrics. Students will gain experience with the care of pediatric patients in the outpatient setting, using a student-developed individual learning plan as a guide. The elective will prepare students for future clinical interactions with patients from birth through adolescence. The experience should foster a mentoring relationship between faculty and student.

Course Objectives

Each student will:

- Develop the basic skills needed to provide health supervision, including the interventions and counseling needed for promotion of health and prevention of illness and injury.
- Gain greater familiarity with development from birth through adolescence.
- Identify/diagnose common acute illnesses and develop appropriate management plans.
- Provide longitudinal care for patients with chronic illness, behavioral problems, and special health care needs.
- Communicate with patients and their families, colleagues, and the clinical team.
- Discuss personal goals and plans with the faculty mentor.

Additional Course Information

This course will be offered beginning in July 2023 if we have enough faculty preceptors. A determination will be made by April 15. More information will be distributed at that time.

OSAC Guidelines for all Continuity of Care (COC) Clerkships:

1. The COC is taken concurrently with other required and elective courses during the advanced phase (Phase III).
2. Students are not allowed to register for more than one COC.
3. Students must attend 80% of 42 scheduled weeks = 34 COC sessions (session = ½ day clinic) to “complete” this course.
4. Makeup sessions may be arranged at the discretion of the course director and preceptor to satisfy the attendance requirement.
5. Students must limit their time-off requests for 2 week clerkships to one held day per clerkship (i.e. only one COC session during a 2 week clerkship).
6. Students must limit “off campus” weeks including away and global electives to meet the 34 session COC requirement.
7. Students are not allowed to register for a COC and be a group facilitator for:
 - Case-Based Learning in FCP I

- Case-Based Learning in FCP II
- Physical Exam Skills in FCP II
- Patient-Centered Learning in FCP III
- Cased-Base Learning for admission interviews

Students cannot drop their COC after January 1

PEDS:8495 Critical Care Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Sofia Ramirez, MBA

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Critical Care rotation individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

Additional Course Information

- Students are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are required to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
- Students are responsible for initiating on-line evaluations

PEDS:8497 Research in Pediatrics - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Sofia Ramirez, MBA

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

The purpose of this elective is to provide introductory experience in department research for those individuals considering greater in-depth training at a later time.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

Additional Course Information

- Students are required to upload the completed and signed research mid-rotation feedback form to ICON to receive full credit.
- Students are required to attend the scheduled Advanced Student Learning Lectures during their rotation. Attendance is mandatory. Students are responsible for initiating on-line research evaluation(s)

PEDS:8498 Special Study On-Campus - 2 or 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Sofia Ramirez, MBA

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

2 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

Additional Course Information

- Students are required to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are required to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
- Students are required to attend the scheduled Advanced Student Learning Lectures during their rotation. Attendance is mandatory.
- Students are responsible for initiating on-line evaluations.
- Students are required to complete the CCOM Clerkship Evaluation.

- Students are required to evaluate the Pediatric faculty with whom they work throughout the 2 or 4-week rotation.

PEDS:8499 Special Study Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Sofia Ramirez, MBA

Contact: 2015-22 BT
sofia-ramirez@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

Additional Course Information

- Students are expected to upload the completed and signed mid-rotation feedback form to ICON to receive full credit.
- Students are expected to complete and upload a Social Determinants of Health assignment to ICON. See ICON for more information.
- Students are expected to distribute evaluation forms to the Pediatric preceptors with whom they work throughout the 4-week rotation.

DEPARTMENT OF PSYCHIATRY

Director: [Dr. Emily Morse](#)
[Dr. Melissa Ludgate](#)

Contact: [Hailey Brown](#)
8915 JPP
319-356-1254

PSYC:8401 Adult Psychiatry - 4 weeks

Faculty: Dr. Holly Van Den Beldt

Offered: All blocks

Administrative Hailey Brown
Contact: hailey-oepping@uiowa.edu
319-356-1254

Max 2
Enrollment:

Report To: See ICON or departmental email

This advanced elective offers the opportunity to study clinical psychiatry in greater depth. Elective clerks carry a smaller case load than residents but are otherwise expected to act as junior residents with staff supervision. Clerks also participate in a program of directed readings, didactic seminars, and clinical conferences. Feedback on directly observed clinical interviews will be provided.

Options include general adult psychiatry, geriatrics, mood, or psychotic disorders/neuropsychiatry. Student learning will emphasize assessment to develop a foundation of skills in clinical interviewing, mental status examination, differential diagnosis, and formulation. Psychotherapeutic and pharmacological management approaches will be emphasized.

A presentation of scholarly work (oral presentation or paper) is required.

Call is not required.

PSYC:8402 Child Psychiatry - 4 weeks

Faculty: Dr. Carissa Gunderson

Offered: All blocks

Administrative Hailey Brown
Contact: hailey-oepping@uiowa.edu
319-356-1254

Max 1
Enrollment:

Report To: See ICON or departmental email

This elective offers the student the opportunity to study in depth the behavioral manifestations of psychiatric disorders in children and adolescents. The elective will include both inpatient and outpatient experiences so that students have an opportunity to observe how psychiatrists diagnose and treat acute and chronic disorders in children. Outpatient clinic experiences will include diagnostic evaluations, medication follow-ups, and full team evaluations.

Students will also have the opportunity to observe neuropsychological and psychological evaluations. Students also participate in a program of clinical readings, didactic seminars, and clinical conferences.

This elective is well-suited for the student who is planning a career in pediatrics.

A presentation of scholarly work (oral presentation or paper) is required.

Call is not required

PSYC:8403 Adult Outpatient Psychiatry - 2 or 4 weeks

Faculty: Dr. William Welsh

Offered: All blocks

Administrative Hailey Brown

Max 1

Contact: hailey-oepping@uiowa.edu
319-356-1254

Enrollment:

Report To: See ICON or departmental email

This elective offers students the opportunity to study outpatient psychiatry and emergency management of psychiatric patients. Students will work alongside senior residents and will be expected to participate with more independence in the diagnostic assessment of new patients in the clinic and evaluation of return patients. An emphasis will be placed on the further development of psychiatric interviewing skills and diagnostic assessment skills.

Students will be exposed to both psychotherapeutic and psychopharmacologic treatment modalities. Observation of group psychotherapy and participation in senior elective clinical readings, resident didactic seminars, and resident clinical conferences may be included experiences. The student will work primarily in the University Adult Psychiatry Outpatient Clinic.

A presentation of scholarly work (oral presentation or paper) is required.

Call is not required.

PSYC:8404 Women's Wellness - 4 weeks

Faculty: Dr. Hristina Koleva

Offered: Closed June/July/August

Administrative Hailey Brown
Contact: hailey-oepping@uiowa.edu
319-356-1254

Max 1
Enrollment:

Report To: See ICON or departmental email

Special Prerequisite: must be in last two
Conditions: semesters of M4 year

Fourth year medical students can pursue a Women's Mental Health senior elective in the Women's Wellness and Counseling Service (WWC) at the University of Iowa Hospitals and Clinics and at the VA Women's Clinic. During this four-week rotation, students will have the opportunity for greater autonomy in evaluation and treatment of women with mental illness with a special emphasis on pregnant and postpartum women. They will be expected to participate in case conferences, attend regularly scheduled educational activities in women's mental health, prepare a presentation for the WWC service, and develop a working knowledge of fundamental literature in this field.

The majority of clinical and educational activities will be devoted to women's mental health. Depending on the interests of the student, other psychiatric learning activities will be arranged during this rotation.

A presentation of scholarly work (oral presentation or paper) is required.

Call is not required.

PSYC:8405 Advanced Inpatient Sub-Internship in Medical Psychiatry - 4 weeks

Faculty: Dr. Vicki Kijewski & Dr. Melissa
Ludgate

Offered: All blocks

Administrative Hailey Brown
Contact: hailey-oepping@uiowa.edu
319-356-1254

Max 2
Enrollment:

Report To: See ICON or departmental email

The Medical Psychiatry Clerkship is designed to provide hands-on experience in the evaluation and treatment of patients with combined medical and psychiatric disease. The fourth-year student under the supervision of residents in both medicine and psychiatry will learn to make appropriate medical and psychiatric diagnoses while considering the relationship of these conditions.

The student will act at intern level selecting appropriate consultations, diagnostic tests, and treatments. The student will practice daily documentation and handoffs for patient care.

The student will be expected to develop familiarity with the etiology and pathophysiology of the conditions being treated, review potential complications, and develop skills in direct interactions with the patients to facilitate team-teaching and patient care. Participation in resident didactic seminars, and clinical conferences are expected of the clerk during this elective.

A presentation of scholarly work (oral presentation or paper) is required.

Additional Course Information

Contact Dr. Vicki Kijewski for details about the noon conference schedule at the beginning of the elective. Participation in senior elective clinical readings, resident didactic seminars, and resident clinical conferences are expected of the clerk during this elective.

PSYC:8408 Advanced Inpatient Sub-I in Mood/Psychotic Disorders - 4 weeks

Faculty: Dr. Holly Van Den Beldt

Offered: All blocks

Administrative Hailey Brown

Max 2

Contact: hailey-oepping@uiowa.edu
319-356-1254

Enrollment:

Report To: See ICON or departmental email

The sub-internship in adult psychiatry will provide an experience for the student that maximizes autonomy and responsibility. The inpatient rotation will focus on one sub-specialty area (psychotic disorders or mood disorders) and emphasize the substantial other medical co-morbidities. The sub-Intern will be expected to assess and address the medical and psychiatric needs of their assigned patients in a collaborative and integrative fashion.

Students will be expected to assess and manage their patients independently at the level of a psychiatry intern, reporting directly to the attending.

A presentation of scholarly work (oral presentation or paper) is required.

Call is required.

PSYC:8410 Intellectual Disability - 2 weeks

Faculty: Dr. Emily Morse

Offered: All blocks

Administrative Hailey Brown

Max 1

Contact: hailey-oepping@uiowa.edu
319-356-1254

Enrollment:

Report To: See ICON or departmental email

This 2-week elective in Intellectual Disabilities (ID) will provide an in-depth clinical experience in the interdisciplinary approach to assessment and management of individuals with an Intellectual Disability. Students will work with faculty from psychiatry, developmental and behavioral pediatrics, clinical psychology, and speech and language therapy. Clinical experience will primarily involve outpatient settings.

During this elective students will participate in the psychiatric evaluation of adults with both a mental illness and an

ID, medical evaluation of children and/or adults with ID and biobehavioral evaluation of children and/or adults with ID.

A presentation of scholarly work (oral presentation or paper) is required.

Call is not required.

PSYC:8411 Substance Use - 2 or 4 weeks

Faculty: Dr. Anthony Miller

Offered: All blocks

Administrative Hailey Brown

Max 1

Contact: hailey-oepping@uiowa.edu
319-356-1254

Enrollment:

Report To: See ICON or departmental email

This elective offers students an in-depth clinical experience in the assessment and care of individuals with substance use disorders and other complications of alcohol and other drug use. Supervising faculty have expertise in addiction medicine or addiction psychiatry. Clinical experience will be primarily in outpatient clinic visits working directly with the attending physician. It may also include exposure to group and individual psychotherapy or hospital consultation. A majority of the clinical work will be done in the Iowa City VA Healthcare System; students will need to have a PIV card and active CPRS access.

A presentation of scholarly work (presentation or paper) is expected.

Call is not required.

PSYC:8412 Emergency Psychiatry - 2 or 4 weeks

Faculty: Dr. Joel Bricker

Offered: All blocks

Administrative Hailey Brown

Max 1

Contact: hailey-oepping@uiowa.edu
319-356-1254

Enrollment:

Report To: See ICON or departmental email

The elective in emergency psychiatry will provide an in-depth clinical experience in the assessment and management of acute psychiatric illness. Supervising faculty will have expertise in care within this setting and clinical experiences will be centered in the UIHC Crisis Stabilization Unit and the emergency department.

PSYC:8413 The Thriving Physician - 2 weeks

Faculty: Melissa Ludgate, MD
Emily Morse, DO

Offered: SP24 - Feb. 26 - March 8, 2024
SP25 - Feb. 24 - March 7, 2025

Administrative Hailey Brown
Contact: hailey-oepping@uiowa.edu
319-356-1254

Max 15
Enrollment:

Report To: See ICON or departmental email

Special Grading is PASS/FAIL only
Conditions:

The Thriving Physician is a 2-week elective for medical students in their clinical years. This course is designed to promote awareness, wellbeing, compassion and career satisfaction through contemplative practices and the integration of concepts of positive psychology into daily living. Through readings, discussions and experiential activities, physicians-in-training will learn how to engage in reflective personal and professional self-care. Classes will be half-day in length with time outside of class dedicated to practicing and incorporating skills into everyday activities.

PSYC:8414 Consultation Psychiatry - 2 or 4 weeks

Faculty: Dr. Mike Strong

Offered: All blocks

Administrative Hailey Brown
Contact: hailey-oepping@uiowa.edu
319-356-1254

Max 2
Enrollment:

Report To: See ICON or departmental email

This advanced elective offers the opportunity for an in-depth clinical experience in the psychiatric assessment and management of general medical and surgical patients. Elective clerks will serve on the consultation-liaison psychiatry teams at the University of Iowa Hospitals and Clinics and The Iowa City Veterans Affairs Health System. There may be opportunities for outpatient work in relevant settings (e.g., emergency psychiatry, outpatient clinics providing integrates psychiatric and medical care).

A presentation of scholarly work (oral presentation or paper) is required.

Call is not required.

PSYC:8415 Geriatric Inpatient Psychiatry - 4 weeks

Faculty: Dr. Aubrey Chan

Offered: All blocks

Administrative Contact: Hailey Brown
hailey-oepping@uiowa.edu
319-356-1254

Max Enrollment: 1

Report To: See ICON or departmental email

Special Conditions: Grading is PASS/FAIL only

This elective offers students the opportunity to study inpatient geriatric psychiatry assessment and management. Students will be expected to participate with more independence in the diagnostic assessment of new patients on the geriatric inpatient unit, as well as to assist senior residents in the evaluation and treatment of long-term care patients. An emphasis will be placed on the further development of psychiatric interviewing skills and diagnostic assessment skills. Students will be exposed to both psychotherapeutic and psychopharmacologic treatment modalities.

Students will participate in senior elective clinical readings during this elective.

Call is not required.

PSYC:8417 Advanced Psychiatry, Des Moines - 4 weeks

Faculty: Rebecca Lundquist, M.D.
rebecca-lundquist@uiowa.edu

Offered: All blocks

Administrative Contact: Rebecca Manning
rmanning@broadlawns.org
DSM Psychiatry Residency
Coordinator
(schedule requests, day-to-day details)

Max Enrollment: 1

Wendi Kruger
wendi.kruger@unitypoint.org
DSM Branch Campus Coordinator
(Housing, onboarding, computer
training)

Hailey Brown
hailey-oepping@uiowa.edu
319-356-1254

Special Conditions: Permission from faculty director
required in advance.

This elective is designed to allow the student to choose from among several different options to become familiar

with the practice of psychiatry in community hospital settings. Students will learn about the evaluation and management of patients across the lifespan and in subspecialty settings.

Students may choose to complete one four-week block or two two-week blocks in one or two of the following settings:

1. Inpatient Adult Psychiatry at Iowa Lutheran Hospital
2. Inpatient Psychiatry at Central Iowa VA
3. Outpatient Psychiatry at Broadlawns Medical Center
4. Inpatient Child and Adolescent Psychiatry at Iowa Lutheran Hospital
5. Inpatient Geriatric Psychiatry at Iowa Lutheran Hospital
6. Consult-Liaison Psychiatry at Iowa Lutheran Hospital

Course Objectives

1. Engage in effective communication with patients and families
 2. Perform complete psychiatric evaluations of patients including mental status examinations
 3. Generate biopsychosocial formulations that include a differential diagnosis
 4. Present findings in an organized manner
 5. Develop treatment plans that include commonly ordered tests and medications
 6. Demonstrate knowledge of commonly encountered psychopathology in the settings chosen e.g.
 7. Dementia in older adults – describe behavioral sequelae of dementia that might lead to an inpatient psychiatric admission
- ii. Delirium in the medical setting – describe an approach to the evaluation of a patient presenting with confusion in an inpatient medical setting
- iii. Schizophrenia in adults – select an antipsychotic for a patient with schizophrenia based on efficacy and side effect profile
- iv. Mood disorders in children – using DSM V-TR criteria, define a manic episode
1. Substance use disorder in adults – describe non-pharmacologic approach to treatment of substance use disorder in adults
 2. Demonstrate understanding of some ways in which the patient care encounter can be therapeutic as well as diagnostic
 3. Demonstrate respect, empathy and compassion towards patients and families as well as the healthcare team and seek assistance when this is challenging

PSYC:8450 Psychiatry COC

Faculty: Dr. Emily Morse

Offered: Final 2 semesters
July - May

Administrative Hailey Brown
Contact: hailey-oepping@uiowa.edu
319-356-1254

Max 3
Enrollment:

Report To: See ICON or departmental email

Special Student must contact Dr. Morse prior
Conditions: to initiation of the elective to arrange
the site of practice.

The psychiatry continuity of care (COC) clinic will provide an educational experience for the student that maximizes autonomy and responsibility in an outpatient continuous care setting. Students will have the opportunity to evaluate patients independently and present directly to attending staff. The clinical experience will reflect that of a COC clinic

in accordance with the relevant College of Medicine policies. The rotation is 100% outpatient. Sites include Assertive Community Treatment, Adult Psychiatry, Child Psychiatry, and the Veterans Affairs Adult Psychiatry Clinic.

This elective can be taken concurrently with other electives in the medical school curriculum.

Additional Course Information

OSAC Guidelines for all Continuity of Care (COC) Clerkships:

1. The COC is taken concurrently with other required and elective courses during the advanced phase (Phase III).
2. Students are not allowed to register for more than one COC.
3. Students must attend 80% of 42 scheduled weeks = 34 COC sessions (session = ½ day clinic) to “complete” this course.
4. Makeup sessions may be arranged at the discretion of the course director and preceptor to satisfy the attendance requirement.
5. Students must limit their time-off requests for 2-week clerkships to one held day per clerkship (i.e. only one COC session during a 2-week clerkship).
6. Students must limit “off campus” weeks including away and global electives to meet the 34 session COC requirement.
7. Students are not allowed to register for a COC and be a group facilitator for:
 - Case-Based Learning in FCP I
 - Case-Based Learning in FCP II
 - Physical Exam Skills in FCP II
 - Patient-Centered Learning in FCP III
 - Cased-Base Learning for admission interviews

Students cannot drop their COC after January 1

PSYC:8497 Research in Psychiatry - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Hailey Brown

Contact: hailey-oepping@uiowa.edu
319-356-1254

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Senior Medical Student may obtain experience and training in the practical application of scientific methodology by affiliating themselves with an on-going research project in the Department of Psychiatry or at affiliated and cooperating Research Centers. The available research projects will vary from time to time so the interested student should be sure to consult with instructor. Students are expected to have a designed course of study with faculty approval prior to the initiation of the elective. Participation in senior elective clinical readings, resident didactic

seminars, and resident clinical conferences are expected of the clerk during this elective.

Students with previous research experience may work on original research if their proposals are found acceptable by an appropriate staff member who will supervise the project.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

PSYC:8498 Special Study On-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Hailey Brown
Contact: hailey-oepping@uiowa.edu
319-356-1254

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

2 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by student with approval of the department. Please contact Dr. Emily Morse to discuss the wide array of potential opportunities for this individually tailored elective. Students must have identified specific goals of this clinical elective prior to registration.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

PSYC:8499 Special Study Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Hailey Brown
Contact: hailey-oepping@uiowa.edu
319-356-1254

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of

consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

DEPARTMENT OF RADIOLOGY

Director: [Dr. Maheen Rajput](#)
[Dr. Nastaran Fatemi](#)

Contact: [Amber Thoma](#)
3980 JPP
319-384-9850

RAD:8401 Advanced Clinical Radiology - 2 or 4 weeks

Faculty: Dr. Maheen Rajput

Offered: All blocks

Administrative Amber Thoma
Contact: amber-thoma-1@uiowa.edu
319-384-9850

Max 6
Enrollment:

Report To: See ICON or departmental email

This elective is intended for students who want to improve their radiologic abilities whether or not they plan to pursue a career in radiology. The course consists of 2/4 one-week blocks in the radiologic subspecialties of the student's choice. This is a hands-on rotation in which the student will become a full member of the clinical team participating in all aspects of patient care including radiologic procedures. In addition, there is a program of lectures, case presentations, and guided self-instruction to update the student on the latest regarding integrating diagnostic and interventional imaging into patient management.

Upon successful completion of the rotation, the student will be able to: 1) develop differential diagnoses of common pathology based on radiographic imaging, and 2) understand the appropriate integration of radiologic imaging into patient management.

RAD:8402 Vascular and Interventional Radiology - 4 weeks

Faculty: Mohammad Amarneh, MD

Offered: All blocks pending approval of Dr. Amarneh.

Administrative Amber Thoma
Contact: amber-thoma-1@uiowa.edu
319-384-9850

Max 2
Enrollment:

Report To: See ICON or departmental email

The purpose of this elective is to expose the student to the broad range of diagnostic and therapeutic procedures

performed by Interventional Radiology. Interventional radiology is a subspecialty of Radiology, which is responsible for the performance of a wide array of percutaneous, vascular and non-vascular procedures. These include angiography, angioplasty, vascular reconstructions, vascular embolization, percutaneous nephrostomies, biliary drainage, and placement of custom devices in the vascular tree and elsewhere.

Students in this elective will join the clinical interventional service, staff, fellows and residents. You will be expected to participate in the diagnostic workup and management of interventional patients as well as the performance of selected interventional procedures. You will be involved in the daily readouts and teaching on the interventional clinical service and participate in interventional and interdisciplinary interventional conferences and familiarize yourself with research opportunities.

RAD:8497 Research in Radiology - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Amber Thoma
Contact: amber-thoma-1@uiowa.edu
319-384-9850

Report To: See ICON or departmental email

Special Individually arranged elective form
Conditions: must be submitted 4 weeks prior to
start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of
consecutive 2-week periods.

The purpose of this elective is to provide introductory experience in radiology research for those individuals considering greater in-depth training at a later time.

In consultation with a radiology faculty member, student submits a research proposal on their topic of interest. This can be an on-going research program or a new project.

RAD:8498 Special Study On-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Amber Thoma
Contact: amber-thoma-1@uiowa.edu
319-384-9850

Report To: See ICON or departmental email

Special Individually arranged elective form
Conditions: must be submitted a minimum of 4
weeks prior to start of rotation.

2 consecutive weeks minimum.
Additional credit given in multiples of
consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

RAD:8499 Special Study Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Amber Thoma
Contact: amber-thoma-1@uiowa.edu
319-384-9850

Report To: See ICON or departmental email

Special Individually arranged elective form
Conditions: must be submitted a minimum of 4
weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of
consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

DEPARTMENT OF RADIATION ONCOLOGY

Director: [Dr. Carryn Anderson](#)

Contact: [Shawn Reynolds](#)
01626 LL PFP
319-356-2699

RADO:8401 Radiation Oncology - 4 weeks

Faculty: Carryn Anderson, MD

Offered: All blocks

Administrative Shawn Reynolds

Contact: 319-356-2699
shawn-reynolds@uiowa.edu

Max 3

Enrollment:

Report To: See ICON or departmental email

Students are involved directly with the patient care and management under the immediate supervision of the faculty. They rotate through all five clinical services:

- Head and Neck Carcinoma
- Thoracic
- GI/GU/Metastases
- Lymphoma/CNS/Pediatrics
- Gynecological/Breast/Sarcomas

Under the direction of the faculty, the students evaluate patients for radiotherapy and help plan the course of radiotherapy treatments. They also participate in the discussion regarding these patients in multidisciplinary tumor boards and departmental conferences. The students are exposed to a variety of neoplasms and attend the multidisciplinary conferences relating to their patients.

The goal of the course is to expose the student to the field of radiation oncology and cancer management and give them an understanding of the interactions of radiation therapy, chemotherapy, and surgery.

RADO:8497 Research in Radiation Oncology - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Shawn Reynolds

Contact: 319-356-2699
shawn-reynolds@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of
consecutive 2-week periods.

The purpose of this elective is to provide introductory experience in radiation oncology research for those individuals considering greater in-depth training at a later time.

This will be achieved by assignment to research programs that are on-going in the department.

RADO:8498 Radiation Oncology On-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Shawn Reynolds

Contact: 319-356-2699
shawn-reynolds@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form
must be submitted a minimum of 4
weeks prior to start of rotation.

2 consecutive weeks minimum.
Additional credit given in multiples of
consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved in advance.

RADO:8499 Radiation Oncology Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Shawn Reynolds

Contact: 319-356-2699
shawn-reynolds@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form
must be submitted a minimum of 4
weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of

consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

DEPARTMENT OF SURGERY

Director: [Dr. Jennifer Hrabe](#)
[Dr. Natalie Weger](#)

Contact: [Kailey Marlow](#)
1527-1 JCP
319-356-4499

SURG:8401 Advanced General Surgery - 4 weeks

Faculty: Department of Surgery Faculty

Offered: All blocks

Administrative 319-356-4499

Contact: kailey-marlow@uiowa.edu
Surgery
1527-1 JCP

Max 5

Enrollment:

Report To: See ICON or departmental email

Special Conditions: No more than one senior can be on a general surgery team with junior students on their required clerkship, whether those students are doing electives or sub-internships.

Coordinator will request team preferences prior to rotation start date.

Students on senior electives in surgery will increase their knowledge by focusing on a specific area of surgical practice with a particular full-time faculty member, serving as a preceptor. The students will strengthen their clinical skills in perioperative patient assessment and management, in use of diagnostic studies pertinent to the surgeon's practice and assisting or performing procedures under direct supervision.

A broad range of clinical activities in the operating room, clinics, wards, and intensive care units is possible depending on the preceptor's practice. This may also include night and/or weekend call activity at the discretion of the preceptor. However, more than 40 but less than 80 total hours of clinical activity should be expected.

SURG:8402 Advanced Inpatient Sub-Internship in General Surgery - 4 weeks

Faculty: General Surgery Staff

Offered: All blocks

Administrative 319-356-4499

Contact: kailey-marlow@uiowa.edu
Surgery
1527-1 JCP

Max 5

Enrollment:

Report To: See ICON or departmental email

Special Conditions: Only one student per team.
Coordinator will request team preferences prior to rotation start date.

Sub-interns will improve students' clinical skills by assuming an intern's level of responsibility for the assessment and management of a limited number of patients, under the direct supervision of a senior surgery resident. The sub-interns will increase their proficiency with perioperative patient assessment and management, including selecting and interpreting appropriate laboratory and radiologic studies. Sub-interns may also participate in procedures, but at least 80% of their time should be spent managing in-patients.

Sub-interns will accomplish this by working as a member of a surgical resident team, including approximately weekly night/weekend call at the same time as a faculty member on the team so that the sub-interns may participate in the entire spectrum of patient management from the stage of initial surgical consultation.

Sub-interns will be asked to submit goals and strategies for achieving their goals in advance. The chief residents will be asked to review and revise these goals as appropriate. At the end of the month, sub-interns will be asked to review how these goals have been met with the course director, residency program director, or chair of surgery.

SURG:8406 General Surgery, Iowa Methodist - 4 weeks

Faculty: Dr. Jeff Dietzenbach and Staff

Offered: All blocks

Administrative Contact: Kailey Marlow, UIHC
319-356-4499
kailey-marlow@uiowa.edu

Max Enrollment: 1

Christa Richards, Des Moines
515-241-4078
Christa.Richards@unitypoint.org

Report To: Des Moines Area Medical Education Consortium Office
515-241-4455

Special Conditions: Room provided; subsidized meal allowance.

Operating under the direction of a resident in surgery, the senior student will admit, work-up, evaluate and be involved in the operative and post-op care of patients admitted to his/her assigned surgical service. Each senior student will be assigned a General Surgery Service consisting of three to four general surgeons and one or two residents during his/her rotation. The student will be responsible for diagnosis and management of patients on an inpatient service under close supervision by an upper level resident and a faculty member.

The Senior Student will learn how to care for general surgery patients in a private hospital setting, with a constant flow of excellent surgical material for study. All of this will be gained under the guidance of experienced surgeons working closely with dynamic residents.

The Senior Student will take an active part in all of the scheduled surgery conferences. The sub-intern will take call with the resident with whom he/she is working.

SURG:8407 Intensive Care Unit Trauma Service, Iowa Methodist - 4 weeks

Faculty: Dr. Rick Sidwell and Staff

Offered: Fall Only. Closed Spring

Administrative Contact: Kailey Marlow, UIHC
319-356-4499
kailey-marlow@uiowa.edu

Max 1
Enrollment:

Christa Richards, Des Moines
515-241-4078
Christa.Richards@unitypoint.org

Report To: Des Moines Area Medical Education
Consortium Office
515-241-4455

Special Conditions: Room provided; subsidized meal allowance.

The senior student will function as a sub-intern on a trauma service team that consists of surgical resident(s) and attending staff. Trauma service at IMMC involves the evaluation and management of critically ill patients in the ER, operating room and intensive care unit.

There will be opportunities to intubate patients and to place arterial and central venous lines. Students will also learn principles of ventilator management and hemodynamic monitoring.

Students will take call one weeknight per week and one weekend during the rotation. Students will attend all educational conferences of the surgery residency program, including the weekly trauma video conference.

SURG:8409 General Surgery, Davenport - 4 weeks

Faculty: Dr. Joseph Lohmuller and Staff

Offered: Arranged - Permission Required.
Contact kailey-marlow@uiowa.edu for availability.

Administrative Contact: 319-356-4499
kailey-marlow@uiowa.edu
Surgery
1527-1 JCP

Max 1
Enrollment:

Report To: Call Trish Halligan 563-421-4455,
halligant@gensishealth.com, prior to
beginning of clerkship. Must give 30
days' notice for proper onboarding and
accommodations.

The student will increase his/her ability to provide pre-and postoperative care of general surgical patients. The student will learn how to conduct appropriate preoperative evaluation of general surgical patients and understand the accepted indications for common elective surgical procedures. The student will gain broad exposure to general surgical procedures and intraoperative techniques and develop surgical skills appropriate to the student's ability and experience.

The student will participate in the care and management of patients under the close supervision of attending surgeons. The student will pre-round on inpatients, write daily progress notes, and present the patients to the attending surgeon on rounds. In clinic, the student will evaluate and present new patients to the attending surgeon, as well as perform admission history and physicals. The student will also be given the opportunity to initially evaluate emergency room and inpatient consultations and formulate a differential diagnosis. Together with the on-call surgeon, diagnostic tests and a definitive treatment plan will be formulated. Finally, the student will first assist in surgery and perform minor procedures.

Formal and informal teaching sessions will take place throughout the rotation. Radiographs will be reviewed with the radiologist, surgical specimens will be reviewed with the pathologist, and there are multidisciplinary conferences on subjects such as breast diseases, cancer, GI diseases and trauma. There will be a teaching emphasis on the evaluation, differential diagnosis and treatment of the acute abdomen as cases arise on consultative service. The student will be expected to read about gastrointestinal diseases, hernias, vascular access and breast disease in an acceptable surgical text and become familiar with the pathophysiology and surgical approaches for each.

SURG:8411 Multidisciplinary Breast Elective - 4 weeks

Faculty: Course Supervisor: Ingrid Lizarraga,
MBBS; Breast Surgery: Sonia Sugg,
Ronald Weigel, Geeta Lal; Medical
Oncology: Mark Karwal, Susan Roeder;
Radiation Oncology: Dr. Wenqing Sun;
Plastic Surgery: Jerrod Keith

Offered: All blocks

Administrative 319-356-4499
Contact: kailey-marlow@uiowa.edu
Surgery
1527-1 JCP

Max 1
Enrollment:

Report To: See ICON or department email

This clerkship is designed to give students exposure to evaluation and management of benign and malignant breast diseases beyond what is offered during the standard general surgery rotations, with a focus on the multidisciplinary nature of treatment of breast disease. It is anticipated to provide benefit to students planning to pursue residency in general surgery, obstetrics and gynecology, family practice or any other field with a focus on women's health.

The student can expect to:

- Participate in the workup and management of common benign breast conditions, such as fibrocystic disease, functional breast pain, and fibroadenoma in the breast clinic.
- Learn the various imaging modalities used for diagnosis of breast disease, including when to use each appropriately. The student will also observe a variety of commonly used imaging guided diagnostic procedures
- Participate in the diagnosis, evaluation and multidisciplinary management of breast cancer. This will involve

exposure to

1. Surgical oncology clinic and Breast cancer surgery
 2. Medical oncology clinic to observe counselling for and administration of chemotherapy and endocrine therapy
 3. Radiation oncology clinic to observe counselling regarding radiation as well as delivery of radiation
 4. Multidisciplinary breast tumor board, in which specialists from multiple fields discuss patients with new and ongoing breast cancer diagnosis
- Observe counselling for genetic testing for inherited cancer syndromes and learn the appropriate criteria for genetic testing.

SURG:8419 Advanced Inpatient Sub-Internship in Plastic Surgery - 4 weeks

Faculty: Dr. Jerrod Keith

Offered: All blocks

Administrative Contact: Briana Horwath
Plastics Education Coordinator
Briana-horwath@uiowa.edu
319-678-8160
1531 JCP

**Max 2
Enrollment:**

Kailey Marlow
319-356-4499
kailey-marlow@uiowa.edu
Surgery
1527-1 JCP

Report To: See ICON or departmental email

Provide students with an interest in Plastic and Reconstructive Surgery exposure to a wide range of educational opportunities and to the complexity and diversity of healthcare in the Plastic Surgery setting, specifically related to policies, environment, cultural, socioeconomic, and financial considerations. This sub-internship will provide experience in all areas of Plastic Surgery, which include: craniofacial, hand, reconstruction, and aesthetic surgery.

Course Objectives

- Demonstrate knowledge of how alterations of normal structure and function cause the need for Plastic Surgery intervention
- Integrate medical knowledge and clinical findings to develop treatment plans for patients on the Plastic Surgery Service
- Perform physical assessments of Plastic Surgery patients
- Integrate knowledge of the mechanisms of health and disease, and the concerns, needs, and expectations of a patient in order to take an appropriate history, perform a physical examination, and develop a treatment plan
- Report clinical data by obtaining and communicating clinical facts pertaining to patients on the Plastic Surgery Service in an organized manner that demonstrates understanding and synthesis of findings
- Demonstrate knowledge of the Plastic Surgery population and the unique ethical and legal principles of care in Plastic Surgery
- Demonstrate respect, empathy, and compassion towards patients and healthcare team members
- Participate in team discussions and demonstrate an understanding of the complexity of access and diversity of healthcare in the Plastic Surgery setting, specifically related to policies, environment, cultural, socioeconomic, and

finance during patient care

- Effectively present information and ideas to others on the healthcare team, communicating patient healthcare status to the team, the patient, and the patient's family and writing appropriate clinical notes
- Participate in workflow for the intern level: the student will replete electrolytes, monitor I/Os, monitor tubes/lines/drainage, how to communicate with nursing about daily requirements

SURG:8460 Surgical Residency Preparation - 4 weeks

Faculty: Dr. Julia Shelton

Offered: Only once per year, typically each April

Administrative 319-356-4499

Contact: kailey-marlow@uiowa.edu
Surgery
1527-1 JCP

Max 25

Enrollment:

Report To: See ICON or departmental email

Special Conditions: Only students in their final M4 semester and intending to go into surgical-related.

This clerkship experience is for students preparing for surgical residencies. The course is focused on the application of knowledge and skills accumulated through medical school to surgical patient care. Students will develop an advanced understating of pre-operative, intra-operative, and post-operative care of patients, critical care knowledge, communication skills, and technical skills necessary for surgical specialties. The rotation will include surgical Olympics.

Course Objectives

All content for this course is adapted from the ACS APDS ASE Resident Prep Curriculum.

SURG:8497 Research in Surgery - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative 319-356-4499

Contact: kailey-marlow@uiowa.edu
Surgery
1527-1 JCP

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of

consecutive 2-week periods.

A short- or long-term research project will be arranged with the instructors. This may involve clinical material or laboratory. The student will organize and complete a project, finishing with a publishable manuscript.

SURG:8498 Special Study On-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative 319-356-4499

Contact: kailey-marlow@uiowa.edu
Surgery
1527-1 JCP

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

2 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

SURG:8499 Special Study Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative 319-356-4499

Contact: kailey-marlow@uiowa.edu
Surgery
1527-1 JCP

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

DEPARTMENT OF UROLOGY

Director: [Dr. Paul Gellhaus](#)

Contact: [Kelly Norton](#)
3251-B RCP
319-356-2910

URO:8401 Advanced Clerkship General Urology - 4 weeks

Faculty: Dr. Gellhaus & Department of Urology
Faculty

Offered: All blocks

Administrative Kelly Norton
Contact: 319-356-8707
kelly-norton@uiowa.edu

Max 2
Enrollment:

Report To: See ICON or departmental email

Special Students considering a Urology
Conditions: residency are encouraged to meet with
Dr. Gellhaus.

The student will become an integral member of the team, functioning at the PGY-1 level (i.e. responsible for histories and physicals on admission, daily inpatient rounds, attending surgery, and seeing patients in the urology clinic). The student will be given graded responsibility for as much as possible in surgical cases.

URO:8402 Advanced Pediatric Urology - 2 or 4 weeks

Faculty: Drs. Cooper, Storm, Lockwood, and
Edwards

Offered: All blocks; limited in May and
September

Administrative Kelly Norton
Contact: 319-356-8707
kelly-norton@uiowa.edu

Max 1
Enrollment:

Report To: See ICON or departmental email

Under the direction of the urology resident assigned to the pediatric service as well as the pediatric urology faculty, the senior student is expected to participate in the evaluation of clinical patients and the care of selected surgical patients, including preoperative evaluation, intraoperative assistance, and postoperative care. The student is encouraged to work under a close mentor-student relationship to develop skills in pediatric urology.

URO:8403 Urology Oncology - 2 or 4 weeks

Faculty: Drs. O'Donnell, Brown, Tracy, Nepple, Gellhaus, Pearlman, Packiam, and Steinberg

Offered: All blocks; limited in November and December

Administrative Kelly Norton

Contact: 319-356-8707

kelly-norton@uiowa.edu

Max 1

Enrollment:

The student will have a multispecialty exposure to the diagnosis and treatment of patients with current and newly diagnosed urologic malignancies. The student will spend on average 1-2 days per week in either medical oncology or radiation oncology and the remainder of the time in either the urologic oncology or cancer survivorship/men's health clinic or ORs. The student will attend the urology conferences, specifically indications, radiology, and pathology, in addition to the bi-monthly multispecialty tumor board. This course is designed for students planning to enter into primary care and have an interest in oncology or cancer survivorship/men's health issues and for students with an interest in urology.

URO:8497 Research in Urology - 4 weeks

Faculty: Urology Faculty

Offered: Arranged

Administrative Kelly Norton

Contact: 319-356-8707

kelly-norton@uiowa.edu

Report To: See ICON or departmental email

Special Conditions: Individually arranged elective form must be submitted a minimum of 4 weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of consecutive 2-week periods.

Clinical research projects will be undertaken by the student, under direction by a faculty member. Residents may be part of the team. Upon completion of the project, it is expected the student will prepare an abstract for submission to a regional or national conference. If accepted to a conference, a paper is anticipated.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

URO:8498 Urology On-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Kelly Norton
Contact: 319-356-8707
kelly-norton@uiowa.edu

Report To: See ICON or departmental email

Special Individually arranged elective form
Conditions: must be submitted a minimum of 4
weeks prior to start of rotation.

2 consecutive weeks minimum.
Additional credit given in multiples of
consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

URO:8499 Special Study Off-Campus - 4 weeks

Faculty: Arranged

Offered: Arranged

Administrative Kelly Norton
Contact: 319-356-8707
kelly-norton@uiowa.edu

Report To: See ICON or departmental email

Special Individually arranged elective form
Conditions: must be submitted a minimum of 4
weeks prior to start of rotation.

4 consecutive weeks minimum.
Additional credit given in multiples of
consecutive 2-week periods.

Individually arranged by student with approval of the department.

Credit for specially arranged courses is available ONLY if the course of study has been approved a minimum of 4 weeks in advance.

CCOM requires that your away rotation be 4 weeks in length. Most sites are this long; however, exception requests for away rotations less than 4 weeks may be possible in some circumstances, pending OSAC Dean approval.

Summary of Des Moines Campus Advanced Clerkships

Des Moines Advanced Pathway Emergency Medicine Rotation

- EM:8406 Emergency Medicine-Ambulatory Care, Broadlawns Medical Center
- EM:8412 Emergency Medicine, Unity Point, Des Moines

Des Moines Advanced Pathway Family Medicine Rotations

- FAM:8408 Family Medicine Clerkship, Broadlawns Medical Center
- FAM:8409 Advanced Inpatient Sub-Internship in Family Medicine, Iowa Lutheran Hospital
- FAM:8410 Family Medicine Clerkship, Iowa Lutheran Hospital

Des Moines Advanced Pathway Internal Medicine Rotations

- IM:8451 Advanced Inpatient Sub-internship in Internal Medicine, Iowa Methodist Medical Center (IMMC)
- IM:8453 Medical Intensive Care Unit/MICU, Iowa Methodist Medical Center (IMMC)
- IM:8454 Internal Medicine Consult Service, Iowa Methodist Medical Center (IMMC)
- IM:8456 Clinical Cardiology, Iowa Methodist Medical Center (IMMC)
- IM:8457 Clinical Nephrology, Iowa Methodist Medical Center

Des Moines Advanced Pathway Pediatrics Rotations

- PEDS:8402 Advanced Inpatient Sub-Internship in General Pediatrics, Blank Children's Hospital
- PEDS:8405 Pediatric Emergency Room, Blank Children's Hospital
- PEDS:8416 Neonatal ICU/Intensive Care Unit, Blank Children's Hospital
- PEDS:8418 Pediatric ICU/Intensive Care Unit, Blank Children's Hospital

Des Moines Advanced Pathway Psychiatry Rotation

- PSYC:8417 Advanced Psychiatry, Des Moines

Des Moines Advanced Pathway Surgery Rotations

- SURG:8406 General Surgery, Iowa Methodist Medical Center (IMMC)
- SURG:8407 Surgical Trauma Critical Care Service, Iowa Methodist Medical Center (IMMC)

MED:8414 Health Policy Advocacy, Des Moines is an opportunity for students to choose as area of interest in health policy and be paired with a legislator, policy advisor, state agency representative and/or an advocate of a particular professional organization to mentor them through the advocacy process.