4th-Year Required Geriatrics/Rehabilitation Clerkship - RiverGarden/Jacksonville

MED R 4J | 4th Year Required | Aging and Geriatrics Research | Clinical Science

Prerequisites

4th year UF medical student

Course Description

The student will serve as the acting intern for medically complex patients in a subacute, rehabilitative, palliative care, or long term care setting. Students will manage medical problems and also learn how to function as part of an interdisciplinary team.

Course Faculty and Staff:

Course Director(s): Miho Bautista MD
Course Co-Director(s): John Meuleman MD
Course Staff: Sonia Truta, Kelsey Kyne

Meeting Place and Time

8:00 on first Monday of the rotation. Site = include RiverGarden Hebrew Home in Jax

Course Materials

Clerkship website accessed at http://www.aging.ufl.edu/?q=gericlerkship All materials required for successful completion of the clerkship are available on the website.

Additional Information

Small Group Sessions You are required to attend two small group sessions at the VA/GRECC conference room in Trailer T-2 located on the east side of the Gainesville VA campus on SW 16th Street (across from the UF 1329 Building [glass building]) at 3:00 pm on each Friday of your Geriatric rotation. If you miss small group sessions for any reason during your rotation, please contact Clerkship Coordinator and reschedule the small group sessions within 6 weeks of completion of the Geriatric Clerkship. Your active participation is required in each of these small group sessions as outlined in the Student Responsibilities and Expectations portion of the course syllabus.
4th-Year Required Geriatrics/Rehabilitation Clerkship - Shands/Jacksonville

MED R 3J | 4th Year Required | Aging and Geriatrics Research | Clinical Science

Prerequisites

4th year UF medical student

Course Description

The student will serve as the acting intern for medically complex patients in a subacute, rehabilitative, palliative care, or long term care setting. Students will manage medical problems and also learn how to function as part of an interdisciplinary team.

Course Faculty and Staff:

Course Director(s): Miho Bautista MD
Course Staff: Sonia Truta, Kelsey Kyne

Meeting Place and Time

8:00 on first Monday of the rotation. Site = Lakeside Nursing and Rehabilitation Center in Jacksonville, FL

Course Materials

Clerkship website accessed at http://www.aging.ufl.edu/?q=gericlerkship All materials required for successful completion of the clerkship are available on the website.

Additional Information

Small Group Sessions You are required to attend two small group sessions at the VA/GRECC conference room in Trailer T-2 located on the east side of the Gainesville VA campus on SW 16th Street (across from the UF 1329 Building [glass building]) at 3:00 pm on each Friday of your Geriatric rotation. If you miss small group sessions for any reason during your rotation, please contact Clerkship Coordinator and reschedule the small group sessions within 6 weeks of completion of the Geriatric Clerkship. Your active participation is required in each of these small group sessions as outlined in the Student Responsibilities and Expectations portion of the course syllabus

4th-Year Required Geriatrics/Rehabilitation Clerkship - VA/Lake City

MED R 6 | 4th Year Required | Aging and Geriatrics Research | Clinical Science

Prerequisites
4th-year UF medical student

Course Description

The student will serve as the acting intern for medically complex patients in a subacute, rehabilitative, palliative care, or long term care setting. Students will manage medical problems and also learn how to function as part of an interdisciplinary team.

Course Faculty and Staff:

Course Director(s): Miho Bautista MD
Course Staff: Sonia Truta

Meeting Place and Time

8:30 on first Monday of the rotation in Dr. Vasu Lakkimsetti’s office - Room 130 in the Community Living Center 1 unit, 1st floor of the Nursing Home Building # 82. Site: Lake City VA Community Living Center 2 Unit

Course Materials

Clerkship website accessed at http://www.aging.ufl.edu/?q=gericlerkship All materials required for successful completion of the clerkship are available on the website.

Additional Information

NOTE: Students who participate in rotations at the VA are required to complete VA HIPPA — Contact Wandra Haywood 376-1611, ext 5108 or e-mail Wandra.haywood@va.gov. 10HOLIDAY11 Small Group Sessions You are required to attend two small group sessions at the VA/GRECC conference room in Trailer T-2 located on the east side of the Gainesville VA campus on SW 16th Street (across from the UF 1329 Building [glass building]) at 3:00 pm on each Friday of your Geriatric rotation. If you miss small group sessions for any reason during your rotation, please contact Clerkship Coordinator and reschedule the small group sessions within 6 weeks of completion of the Geriatric Clerkship. Your active participation is required in each of these small group sessions as outlined in the Student Responsibilities and Expectations portion of the course syllabus

4th-Year Required Geriatrics/Rehabilitation Clerkship-Brooks Rehabilitation Hospital/Jacksonville

MED R 5J | 4th Year Required | Aging and Geriatrics Research | Clinical Science

Prerequisites

4th year UF medical student

Course Description

The student will serve as the acting intern for medically complex patients in a
subacute, rehabilitative, palliative care, or long term care setting. Students will manage medical problems and also learn how to function as part of an interdisciplinary team.

Course Faculty and Staff:

Course Director(s): Miho Bautista MD
Course Co-Director(s): John Meuleman MD
Other Faculty Trevor Paris MD
Course Staff: Sonia Truta, Kelsey Kyne

Meeting Place and Time

8:00 on first Monday of the rotation. Site=Brooks Rehabilitation Hospital.

Course Materials

Clerkship website accessed at http://www.aging.ufl.edu/?q=gericlerkship All materials required for successful completion of the clerkship are available on the website.

Additional Information

Small Group Sessions You are required to attend two small group sessions at the VA/GRECC conference room in Trailer T-2 located on the east side of the Gainesville VA campus on SW 16th Street (across from the UF 1329 Building [glass building]) at 3:00 pm on each Friday of your Geriatric rotation. If you miss small group sessions for any reason during your rotation, please contact Clerkship Coordinator and reschedule the small group sessions within 6 weeks of completion of the Geriatric Clerkship. Your active participation is required in each of these small group sessions as outlined in the Student Responsibilities and Expectations portion of the course syllabus.
Course Co-Director(s): John Meuleman MD
Course Staff: Sonia Truta

Meeting Place and Time

8:00 on first Monday of the rotation. Site = Shands Rehab Hospital. Students attending the Shands Rehabilitation Hospital must have a UF parking decal to park at the UF Orthopaedics and Sports Medicine Institute.

Course Materials

Clerkship website accessed at http://www.aging.ufl.edu/?q=gericlerkship All materials required for successful completion of the clerkship are available on the website.

Additional Information

Small Group Sessions You are required to attend two small group sessions at the VA/GRECC conference room in Trailer T-2 located on the east side of the Gainesville VA campus on SW 16th Street (across from the UF 1329 Building [glass building]) at 3:00 pm on each Friday of your Geriatric rotation. If you miss small group sessions for any reason during your rotation, please contact Clerkship Coordinator and reschedule the small group sessions within 6 weeks of completion of the Geriatric Clerkship. Your active participation is required in each of these small group sessions as outlined in the Student Responsibilities and Expectations portion of the course syllabus.

4th-Year Required Geriatrics/Rehabilitation Clerkship-VA/Gainesville

MED R 4 | 4th Year Required | Aging and Geriatrics Research | Clinical Science

Prerequisites

4th year UF medical student

Course Description

The student will serve as the acting intern for medically complex patients in a subacute, rehabilitative, palliative care, or long term care setting. Students will manage medical problems and also learn how to function as part of an interdisciplinary team.

Course Faculty and Staff:

Course Director(s): Miho Bautista MD
Course Co-Director(s): John Meuleman MD
Course Staff: Sonia Truta

Meeting Place and Time
8:00 on first Monday of the rotation. Site = VA GEM/Palliative Care Units

Course Materials

Clerkship website accessed at http://www.aging.ufl.edu/?q=gericlerkship All materials required for successful completion of the clerkship are available on the website.

Additional Information

NOTE: Students who participate in rotations at the VA are required to complete VA HIPAA - Contact Wandra Haywood - 376-1611, ext 5108 or email wandra.haywood@va.gov. Small Group Sessions You are required to attend two small group sessions at the VA/GRECC conference room in Trailer T-2 located on the east side of the Gainesville VA campus on SW 16th Street (across from the UF 1329 Building [glass building]) at 3:00 pm on each Friday of your Geriatric rotation. If you miss small group sessions for any reason during your rotation, please contact Clerkship Coordinator and reschedule the small group sessions within 6 weeks of completion of the Geriatric Clerkship. Your active participation is required in each of these small group sessions as outlined in the Student Responsibilities and Expectations portion of the course syllabus

Anatomy - Externship

ANAT EXT | 4th Year Selective | Anatomy | Basic Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville within the department of Anatomy. Students should complete the paperwork required from the institution where the rotation is requested and the “in-house” Externship Application at UF.

Course Faculty and Staff:

Course Director(s): 
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA
Anatomy - Independent Study

ANAT IS | 4th Year Selective | Anatomy | Basic Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Anatomy at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Applied Gross Anatomy

ANAT E 1 | 4th Year Selective | Anatomy | Basic Science

Prerequisites

Matriculation into the fourth year. Satisfactory completion of the first three years of medical school.

Course Description

Dissection of cadaver material will be conducted and the dissections reviewed with one of the Anatomy faculty members. The program will be tailored to student interests and needs. A series of dissections designed to illustrate specific areas of clinical interest may be selected or a complete dissection may be chosen that will review the anatomy of the entire body.
Course Faculty and Staff:

Course Director(s): Venkatesh Nonabur M.D.,
Other Faculty Olga Malakhova MD, PhD
Course Staff: Amy Roberson

Meeting Place and Time

CG-87 8am-12noon; Monday through Thursday. Friday will substitute for any day missed due to schedule changes.

Course Materials

Anatomy Atlas (Student chooses, Reference textbooks and research literature

Anesthesiology - Clinical Independent Study

ANS CIS | 4th Year Selective | Anesthesiology | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a unique clinical experience with a particular faculty member within the Department of Anesthesiology at the University of Florida College of Medicine. Students must submit a Clinical Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student.

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): Patrick Duff MD, Maureen Novak MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Additional Information

TBA
Anesthesiology - Externship

ANS EXT | 4th Year Selective | Anesthesiology | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville within the department of Anesthesiology. Students should complete the paperwork required from the institution where the rotation is requested and the “in-house” Externship Application at UF.

Course Faculty and Staff:

Course Director(s):

Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Anesthesiology - Independent Study

ANS IS | 4th Year Selective | Anesthesiology | Basic Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Anesthesiology at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s):
Meeting Place and Time

TBA

Course Materials

TBA

Career Track Anesthesiology Elective

ANS E 1C | 4th Year Selective | Anesthesiology | Clinical Science

Prerequisites

This course is only offered to 4th year UF COM students who are pursuing a residency in Anesthesiology who should schedule it in period 1B, 2A or 2B, which will allow them enough faculty contact time to earn a letter of recommendation for their application. Completion of this course does not include the curriculum requirements that would allow it to count towards completion of the 2 week Required Anesthesiology course.

Course Description

During this course the student will learn the basics of airway management, mechanical ventilation, invasive hemodynamic monitoring, management of fluids, and use of vasoactive medications. In addition, the student will be taught concepts of preoperative evaluation, basic principles of anesthesia and management of acute postoperative. Students will be expected to attend daily departmental conferences and seminars.

Course Faculty and Staff:

Course Director(s): Andrew Pitkin MD
Course Co-Director(s): Sean Kiley, Christopher Giordano MD
Other Faculty Nikolaus Gravenstein MD
Course Staff: Myrtle Williams

Meeting Place and Time

7:30 am in M-504 MSB on the first day of the rotation, then 0630-1700 daily.

Course Materials

Recommended textbook, Essential Anesthesia by Euliano & Gravenstein (available on reserve in the HSC library). Participants will be exposed to the operating rooms of Shands, FSC &/or the VA.

Additional Information
This course is only offered to 4th year UF COM students who are pursing a residency in Anesthesiology. Completion of this course does not include the curriculum requirements that would allow it to count towards completion of the 2 week Required Anesthesiology course.

Clinical Elective in Anesthesia-Shands OR and VA OR/Pain Clinic

ANS E 1 | 4th Year Selective | Anesthesiology | Clinical Science

Prerequisites

This course is primarily intended for students considering residency training in anesthesiology. Students entering related specialties such as emergency medicine who wish to gain additional practical exposure to anesthesiology should schedule this course later in the academic year when educational opportunities will be better. Please contact the course director, Dr. Andrew Pitkin, at apitkin@anest.ufl.edu with any questions. NOTE - Non-UF students who apply to participate in this rotation should submit the following in addition to their application: copy of transcript; photo attached to application; letter of recommendation; letter of good standing and a written statement of why you are interested in participating in an Anesthesiology elective with the University of Florida College of Medicine. Due to VA requirements, it may not be possible for visiting students to rotate to the VAMC.

Course Description

During this course the student will learn the basics of airway management, mechanical ventilation, invasive hemodynamic monitoring, management of fluids, and use of vasoactive medications. In addition, the student will be taught concepts of preoperative evaluation, basic principles of anesthesia and management of acute postoperative. Students will be expected to attend daily departmental conferences and seminars.

Course Faculty and Staff:

Course Director(s): Andrew Pitkin MD
Course Co-Director(s): Christopher Giordano MD, Steven Robicsek MD
Other Faculty Nikolaus Gravenstein MD
Course Staff: Myrtle Williams

Meeting Place and Time

7:30 am in M-504 MSB on the first day of the rotation, then 0630-1700 daily.

Course Materials

Recommended textbook, Essential Anesthesia by Euliano & Gravenstein (available on reserve in the HSC library). Participants will be exposed to the operating rooms of Shands, FSC &/or the VA.

Additional Information
Day-to-day scheduling is flexible including possible rotation through several subspecialties or focus on a single subspecialty (neurosurgery, cardiothoracic, pediatrics, obstetrics, orthopedics, pain, regional, etc) - please let the course manager (Ms. Myrtle Williams) know in advance if you have any preferences. There are a few lectures throughout the course but clinical experience and contact with faculty is emphasized.

Obstetric Anesthesia

ANS E 4 | 4th Year Selective | Anesthesiology | Clinical Science

Prerequisites

Often taken consecutive with Life Support Skills & Perioperative Medicine

Course Description

This course will provide: 1. clinical experience with spinal blocks for labor analgesia and operative procedures in the obstetric patient. 2. education in daily obstetrical anesthesia rounds (8-9am). 3. opportunity to deliver an oral presentation on a topic of the student's choice.

Course Faculty and Staff:

Course Director(s): Tammy Euliano MD
Course Staff: Myrtle Williams

Meeting Place and Time

Labor and Delivery, 3rd Floor, 0730-1700 weekdays; should report to anesthesia dept conference at 0630 in 2147

Course Materials

Recommended Textbook: Essential Anesthesia by Euliano & Gravenstein You will receive a book chapter from Clinical Anesthesia Practice as well. Patients will be seen in the Labor & Delivery Suite of Shands

Additional Information

The intent of this clerkship is to give the student interested in anesthesiology or OB/Gyn an understanding of OB Anesthesia. The clerkship can be taken for only 2-weeks.

OMFS Anesthesiology

OMFS ANS | 4th Year Selective | Anesthesiology | Clinical Science
Prerequisites

Must be a dental resident

Course Description

This course should only be scheduled if you are a student participating in the Oral Maxillofacial combined program.

Course Faculty and Staff:

Course Director(s): Tammy Euliano MD
Course Staff: Myrtle Williams, Ricky McHugh

Meeting Place and Time

TBA

Course Materials

TBA

OMFS Anesthesiology - Jacksonville

OMFS ANS J | 4th Year Selective | Anesthesiology | Clinical Science

Prerequisites

Must be a dental resident

Course Description

This course should only be scheduled if you are a student participating in the Oral Maxillofacial combined program in Jacksonville.

Course Faculty and Staff:

Course Director(s): Tirbod Fattahi MD, DDS
Course Staff: Frank Genuardi MD, MPH, Kelsey Kyne

Meeting Place and Time

TBA

Course Materials

TBA

Additional Information

TBA
Req. Anesthesiology-Life Support and Perioperative Medicine

ANS R 1 | 4th Year Required | Anesthesiology | Clinical Science

Prerequisites

This course is not offered to non-UF students. NOTE: Students who are considering pursuing residency training in Anesthesiology should schedule ANS E1 (Clinical Elective in Anesthesia) in periods 1B, 2A or 2B to allow them enough faculty contact time to earn a letter of recommendation before the end of August. They should schedule this course (ANS R1) separately later in the academic year. Please email the Course Director, Dr.Pitkin at apitkin@anest.ufl.edu with any questions.

Course Description

This two-week clerkship will focus on perioperative medicine as it applies to all physicians. During this course the student will learn the basics of airway management, mechanical ventilation, invasive hemodynamic monitoring, management of fluids, and use of vasoactive medications. In addition, the student will be taught concepts of preoperative evaluation, basic principles of anesthesia and management of acute postoperative complications.

Course Faculty and Staff:

Course Director(s): Andrew Pitkin MD
Course Co-Director(s): Christopher Giordano MD
Other Faculty Allison Haller, Nikolaus Gravenstein MD
Course Staff: Myrtle Williams

Meeting Place and Time

8:50 am in CG-68 on the first day of the rotation.

Course Materials

Required textbook: Essential Anesthesia by Euliano & Gravenstein; On reserve in the library.

Additional Information

There must be at least 4 students enrolled in each time period. If fewer than 4 students, the clinical portion may be completed, but lectures must be attended in a different block. NOTE: Students who participate in rotations at the VA are required to complete VA HIPAA - Contact Wandra Haywood - 376-1611, ext 5108 or email wandra.haywood@va.gov.

Surgical Intensive Care Unit Elective

ANS E 3 | 4th Year Selective | Anesthesiology | Clinical Science
Prerequisites

Third year clerkship

Course Description

COURSE GOALS: During this rotation the student will participate as an active member of the Critical Care team. This includes management of specific cases and presentation on daily rounds. During the rotation, ample opportunity is provided for the insertion of various monitoring lines, development of an understanding of fluid and electrolyte balance, and exposure to various forms of nutritional support. Topics for coverage include cardiovascular and respiratory physiology and pharmacology, interpretation of blood gas analysis. The student will also be exposed to various discussions on the treatment of renal failure. Medical Students will be required to take call (including nights and weekends) and to carry a beeper at all times. Any exceptions must be approved in writing by Dr. Layon.

Course Faculty and Staff:

Course Director(s): Brenda Fahy MD
Other Faculty: Carl Peters MD, Thomas Gallagher MD, Andrea Gabrielli MD, Lawrence Caruso MD, Azra Bihorac MD, Ettore Crimi MD, Peggy White MD, John Downs MD
Course Staff: Poppy Meehan

Meeting Place and Time

Surgical Intensive Care Unit, Shands Teaching Hospital, 0745 on first day or rotation (13-month schedule), Room North Tower 2512 (SICU Conference Room although actually in the CICU)

Course Materials

Reading list will be made available

Biochemistry Independent Study

BIO-IS | 4th Year Selective | Biochemistry | Basic Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Biochemistry at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a
copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Health and the Environment

COM E 1 | 4th Year Selective | Comec Chapman Education Center | Basic Science

Prerequisites

None

Course Description

This course will examine the variety of ways in which the environment affects health—ranging from pollutants, to public health and sanitation, to adaptation to local diet and disease regime, to the idea of a healing environment. The course will explore these ideas via a field trip, class meetings, discussion, readings, movies, lecture and some writing.

Course Faculty and Staff:

Course Director(s): Nina Stoyan-Rosenzweig

Meeting Place and Time

TBA

Course Materials

Assigned readings will be posted on the website and will depend on student interest.

Interdisciplinary Approach to the Patient’s Story
Prerequisites

UF 4th year medical student One semester of narrative medicine preferred but not required.

Course Description

This elective teams 4th year medical students with English Department graduate students and Anthropology Department graduate students in collaborative study of narrative and how narrative analysis can be used to treat chronic conditions - such as obesity - that have large psychosocial and behavioral components. Through this elective students will learn how to apply narrative study to a better understanding of the psychosocial components of illness, and how to use that understanding to promote better health.

Course Faculty and Staff:

Course Director(s): Nina Stoyan-Rosenzweig

Meeting Place and Time

TBA

Course Materials

Students will be expected to read Rita Charon, Honoring the Stories of Illness; Don Kulick, Fat: the Anthropology of an Obsession; Lewis Mehl-Madrona, Narrative Medicine: The use of story and history in the healing process.

Narrative Medicine and Medical Humanities

Prerequisites

None

Course Description

The course serves as an introduction to historical, sociological, and social ideas and topics that affect the practice of medicine. The general structure encourages students to develop ideas on reflective practice and to become reflective practitioners and learn how to apply the principles of narrative medicine to the physician-patient relationship. Narrative medicine is a field of medical humanities that privileges study of narrative as a means of developing and retaining physician empathy, of developing more effective physician-patient relationships, and of developing greater analytical and critical thinking skills. Much of the focus of narrative medicine is on understanding the patient story as a narrative, and teaching the study of narrative structure and the collection of detailed patient stories. In collection of a detailed story the physician then learns more about the
patient that will be important in negotiating treatment plans, in increasing cultural competency, in maximizing psycho-social aspects of healing, and in maximizing physician self-care behaviors.

Course Faculty and Staff:

Course Director(s): Nina Stoyan-Rosenzweig
Course Co-Director(s): Stephen Hsu

Meeting Place and Time

CG-041, 1st Tuesday, 3rd and 4th Wednesday of the month at noon for 1st and 2nd year students.

Course Materials

Readings and films for discussion group are available in the Maren Reading Room, materials needed for project

Additional Information

1st, 2nd and 4th year students may sign up to take this elective. 1st and 2nd year students are expected to do the reading, attend patient discussions, and watch the movies, and attend a minimum of 9 discussions per semester, attend three special events, and write two reflective papers or lead a discussion. The requirements for grading are different for 4th year students, whose schedule generally means grading will be based on assigned readings and related assignments, meetings, and completion of a project.

Previous Credits Obtained

COM E 5 | 4th Year Selective | Comec Chapman Education Center | Basic Science

Prerequisites

4th Year UF Medical Student This course should be selected when creating schedules to use as a placeholder for credits obtained from previous participation in a course or courses (i.e. Narrative Medicine).

Course Description

This course should be selected when creating schedules to use as a placeholder for credits obtained from previous participation in a course or courses (i.e. Narrative Medicine).

Course Faculty and Staff:

Course Director(s):

Meeting Place and Time

TBA
Step II Study Time

COM E 6 | 4th Year Selective | Comec Chapman Education Center | Basic Science

Prerequisites

4th Year UF Medical Student This course should be selected when creating schedule to indicate place holder for the 4 weeks that you are using as Step II study time.

Course Description

This course should be selected when creating schedule to indicate place holder for the 4 weeks that you are using as Step II study time.

Course Faculty and Staff:

Course Director(s):
Course Staff: Amy Roberson

Meeting Place and Time

TBA

3rd Year Family Practice

3 FP | 4th Year Selective | Community Health and Family Medicine | Clinical Science

Course Description

Scheduling of this course must first be arranged with the Office of Medical Education prior to entering it on your 4th year schedule. This course should be scheduled during the time period in which a 3rd year clerkship is to be completed during the 4th year.

Course Faculty and Staff:

Course Director(s): Heather Harrell MD

Meeting Place and Time

TBA

Course Materials

TBA

Advanced Issues in Medical Ethics and Law
Prerequisites

4th year medical student. Students must be pre-approved to schedule this independent study elective. Student must get approval from either course director and complete independent study form and submit to Dr. Harrell.

Course Description

COURSE REQUIREMENTS: 1. A minimum of 20 contact hours. Prior approval from course director(s) to schedule elective. NOTE: If you do not receive prior approval, you will not be approved to participate in the course. Project determined according to student's choice of topic(s).

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): Ray Moseley PhD, William Allen JD
Course Staff: Rose Marks

Meeting Place and Time

to be arranged

Course Materials

Books, articles, websites, and audio visual materials

Ambulatory and Community Family Medicine

Prerequisites

Completion of 3rd year requirements

Course Description

COURSE GOALS: This course is designed to provide the student with exposure to outpatient experience in either the family practice center and/or family physicians in practice outside the residency program. In the FPC, students will experience the continuity of care in the residency program, and enhance their knowledge of ambulatory care, evaluation and management. In alternative sites, students will be exposed to different practice models including solo private practice, group practice, rural practice (with one including obstetrics), and private practice with hospital care included.

Course Faculty and Staff:

Course Director(s): Karen Hall MD
Meeting Place and Time

Prior to rotation, please contact Dr. Hall for selection of rotation sites.

Course Materials

Family Medicine Textbook

CHFM - Clinical Independent Study

CM CIS | 4th Year Selective | Community Health and Family Medicine | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a unique clinical experience with a particular faculty member within the Department of Community Health and Family Medicine at the University of Florida College of Medicine. Students must submit a Clinical Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student.

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Additional Information

TBA

CHFM - Externship
CM EXT | 4th Year Selective | Community Health and Family Medicine | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville within the department of Community Health and Family Medicine. Students should complete the paperwork required from the institution where the rotation is requested and the "in-house" Externship Application at UF.

Course Faculty and Staff:

Course Director(s):

Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

CHFM - Independent Study

CM IS | 4th Year Selective | Community Health and Family Medicine | Basic Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Community Health and Family Medicine at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:
Meeting Place and Time

TBA

Course Materials

TBA

Common and Advanced Procedures

CM E 41 | 4th Year Selective | Community Health and Family Medicine | Clinical Science

Prerequisites

4th year medical student

Course Description

The development of clinical procedural skills is an important part of medical education. However, proficiency in any particular procedure is dependent on incidental exposure, which is highly variable month to month. This elective will combine simulators with clinical experience to increase exposure to and proficiency in both common and advanced procedures. The skills you learn will enhance your preparation for residency training and beyond. The following procedures will be covered: central line placement, lumbar puncture, knee arthrocentesis, shoulder injections, splinting and casting, peripheral IV placement, airway management, suturing, cryotherapy, punch biopsy, I&D of abscesses, ingrown toenail removal, stress testing, pulmonary function testing, typanometry, arterial puncture, foley catheter insertion, chest tube insertion and the FAST exam. You will also have the opportunity to choose from a list of procedures to observe, to gain a better understanding of what the patient experiences before you will order these tests on your patients as residents.

Course Faculty and Staff:

Course Director(s): Jocelyn Gravlee MD
Course Staff: Nancy Hendricks

Meeting Place and Time

We will meet at 1:00 pm on the first Monday of the course in the Harrell Center. Procedural activities will take place M-F with the option of additional procedural opportunities on the week-end and evenings if desired.

Course Materials

Reading materials, procedure videos, the course syllabus and schedule are all
Family Medicine Inpatient Elective

CM E 1 | 4th Year Selective | Community Health and Family Medicine | Clinical Science

Prerequisites

Fourth Year Medical Student - UF medical students, must have completed a senior student Sub-I prior to participating in this elective.

Course Description

COURSE PREREQUISITES: Fourth Year Medical Student COURSE GOALS:

Course Faculty and Staff:

Course Director(s): Karen Hall MD
Course Staff: Kimberly Zinkel, Tina Engstrom

Meeting Place and Time

Prior to beginning the rotation, please contact Tina Engstrom, 392-4541, ext. 241, Box 100383, to get the time and location as well as the name of the Senior Resident when beginning rotation.

Course Materials

No special equipment.

Financial, Business, and Health Systems Aspects of Medicine

CM E 29 | 4th Year Selective | Community Health and Family Medicine | Basic Science

Prerequisites

Prior approval from course director to schedule elective.

Course Description

COURSE REQUIREMENTS: Advance preparation, attendance and active participation in seminar type course sessions Course project will be required. NOTE: Please contact Dr. Moseley with any questions regarding these requirements, 273-5150.

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): William Allen JD, Ray Moseley PhD
Course Staff: Rose Marks

Meeting Place and Time

To be arranged

Course Materials

Various articles, excerpted readings, videos, and websites

HEART

CM E 43 | 4th Year Unknown Type | Community Health and Family Medicine | Basic Science

Prerequisites

4th year medical student

Course Description

HEART (Humanistic Elective in alternative medicine, Activism, and Reflective Transformation) is an AMSA (American Medical Student Association) sponsored, month long elective for fourth-year medical students. Twenty-five medical students from across the nation will come together to live in an intentional community for the month of April 2010 to explore the nature of healing, activism, self-care and personal development. Experts in integrative medicine, nutrition, humanism in medicine, non-violent communication, health policy, and public health will lead didactic and experiential lectures throughout the month. Lectures will focus on the core curriculum of activism and social justice, CAM (complementary and alternative medicine), community building, personal reflection and self-care. Students will also participate in a community service project; in order to not only coexist in the community in which they exist for the month, but also to give back to it. The faculty of this multi-faceted HEART curriculum include renowned practitioners and experienced physician mentors (Rachel Naomi Remen, MD; Wendy Kohatsu, MD; Bill Manahan, MD; Nina Stoyan-Rosenzweig, MA; among many others). The tuition cost covers housing, meals, snacks, local transportation for HEART related activities, lectures, and evening on-site activities.

Course Faculty and Staff:

Course Director(s): David Feller MD
Course Co-Director(s): Nina Stoyan-Rosenzweig

Meeting Place and Time

Contact Nina Stoyan-Rosenzweig nstoyan@ufl.edu or 352-294-5031

Additional Information

Please note that actual HEART dates are March 27-April 23. For more information
History of Medicine

CM E 23 | 4th Year Selective | Community Health and Family Medicine | Basic Science

Prerequisites

If there is only one student signed up for this course, it will be conducted as an independent study.

Course Description

COURSE GOALS: This course will provide: 1. An introduction to the general history of American medicine. 2. A special focus on the social history of American Medicine, including background for current reform efforts. 3. Opportunity to pursue special topics in the history of American medicine in greater detail, including those of special student interest or related to chosen field of specialization.

Course Faculty and Staff:

Course Director(s):

Course Co-Director(s): William Allen JD, Nina Stoyan-Rosenzweig

Course Staff: Amanda Beyer-Purvis

Meeting Place and Time

To be Announced.

Course Materials

Texts: Major Problems in the History of American Medicine and Public Health and/or The Social History of American Medicine, as well as relevant websites, videos or films, and articles.

Additional Information

Project required for satisfactory course completion

Religion, Culture and Medicine

CM E 30 | 4th Year Selective | Community Health and Family Medicine | Basic Science

Prerequisites

Independent study. Must have course director’s prior approval. Must complete
independent study form and submit to Dr. Harrell.

Course Description

COURSE GOALS: The goals of this course broadly include both practical aspects of medical practice in which cultural and/or religious issues arise, as well as substantive issues in which religious and/or cultural traditions and identity interact with an individual’s medical practice or medicine as a social institution and cultural phenomenon in its own right. The course is sufficiently flexible for students to spend some of their time and efforts on topics of particular individual interest as well as exposure to diverse perspectives.

Course Faculty and Staff:

Course Director(s): William Allen JD
Course Staff: Amanda Beyer-Purvis

Meeting Place and Time

TBA

Course Materials

Selected books, journal articles, films and videos, or websites.

Additional Information

Project required.

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Req. CHFM Inpatient Medicine

CM R 1 | 4th Year Required | Community Health and Family Medicine | Clinical Science

Prerequisites

Satisfactory completion of third year medical school - 4th year UF medical student

Course Description

COURSE GOALS: This course fulfills the advanced senior medicine requirement. The students will serve as acting interns under supervision of a supervising resident and attending physician from the Department of Community Health and Family Medicine. In the rotation, the externs will develop assessment and management skills needed for the care of general medical problems through bedside teaching, didactic lectures and academic conferences.

Course Faculty and Staff:

Course Director(s): David Feller MD
Course Staff: Kimberly Zinkel, Tina Engstrom
Meeting Place and Time

Prior to beginning the rotation, please contact Tina Engstrom, 392-4541, ext. 241, Box 100383, to get the time and location as well as the name of the Senior Resident when beginning rotation.

Course Materials

Comprehensive Medical Textbook

Rural Health Care Systems

CM E 5 | 4th Year Selective | Community Health and Family Medicine | Clinical Science

Prerequisites

4th year student

Course Description

COURSE GOALS: This course offers a comprehensive look at the delivery of health care in rural areas. Students are provided an immersion experience in rural medicine in Gulf County, Florida, which includes both beachfront and rural inland communities. The host facility is a beautiful state-of-the-art site that is both a county health department and a federally-qualified community health center. Welcoming providers and staff foster the students' experience in women's health, chronic disease management, pediatrics, and preventive services. In addition to hands-on clinical care, students are provided with the opportunity to actively participate in health systems events, such as responding to natural disasters, and to visit other health facilities within the community. Housing is provided for this experience through Big Bend AHEC.

Course Faculty and Staff:

Course Director(s): Robert Hatch MD

Meeting Place and Time

To be arranged.

Additional Information

Housing provided. 4 week rotation strongly recommended, but 2 week rotation can be approved in certain circumstances.

Rural Preceptorship
Prerequisites

Fourth Year Medical Student "Students must prearrange this rotation with the Course Director prior to scheduling."

Course Description

"A wide variety of sites are available, including the opportunity to return to the office of the student's first year preceptor." Approval to participate in this elective must be obtained from the course director prior to scheduling. COURSE GOALS: To participate in a general or specialty practice in a rural community. The student will live in the community during this rotation and participate in all aspects of his/her preceptors practice. Housing and transportation provided through the Univ. of FL. AHEC office. LIST OF PRECEPTORS:

CARDIOLOGY

DERMATOLOGY
Charles Trapp, M.D. - Emerald Coast Dermatology, Crestview, Destin, Fort Walton Beach FL Group practice, Focus on skin cancer detection, Active Mohs Micrographic Surgery, General Dermatology, Outpatient cutaneous surgery. FAMILY PRACTICE

William Belk, M.D. - Gulf Coast Physician Partners Busy Group Practice. Satellite Clinics. Inpatient. Jerry Boland, M.D. - Taylor County Public Health Unit. Dr. Boland is the director of the Taylor County Public Health Unit in Perry, Florida. He practices at the health unit in this remote rural county. This experience would be particularly helpful to those interested in public health. John Johnson, M.D. — Sacred Heart Crestview Medical Group, Crestview, FL Very busy group practice, interdisciplinary w/ ARNPs, PAs and specialists. Inpatient/Nursing Home, Diabetes Clinic. Coy Irvin, M.D. - Gulf Coast Physician Partners Busy Group Practice. Satellite Clinics. Inpatient. Jonathan Fountain, M.D. - Milton, FL Solo practice, UF Graduate Dennis Mayeaux, M.D. - Gulf Coast Physician Partners, Milton, FL Very busy group practice, Clerkship Director for Family Practice FSU COM, Patients rural/underserved, 40 patients per day, Huge Gator Fan, Inpatient. Lance Raney, M.D. - Century Medical Center, Century, FL Extremely rural site for minority and underserved patients, Small hospital. George Smith, M.D. - Escambia Community Clinics, Pensacola, FL Federally Qualified Health Center, Dr. Smith is the Medical Director, Primary training site for 3rd/4th year FSU medical students, Outpatient ambulatory care center, Urgent care facility, extended hours. Facility has full x-ray and lab services. Patients are primarily indigent/underserved. Clinic provides acute/urgent care services. INTERNAL MEDICINE

Garry Banks, M.D. — Niceville, Destin, FL Solo practice, UF Graduate, Sees a large number of diabetic patients, HUGE Gator Fan, Inpatient Wayne Campbell, M.D. — Sacred Heart Crestview Medical Group, Crestview, FL Very busy group practice, large mix of patients, interdisciplinary w/ ARNPs, PAs and specialists. Fulton DeFour, M.D. — West Florida Hospital, Pensacola, FL Hospitalist and experienced preceptor Michael Foley, M.D. — Crestview, FL Solo practice, medically underserved and rural population, works late afternoon and evening hours, Inpatient. Warren Groff, M.D. - Fernandina Beach Dr. Groff's office is located in Fernandina Beach which is in the northeast corner of Florida. He practices with Dr. Tomlinson, another family practitioner,
and Dr. Buford, whose specialty is internal medicine. Andrew Teklinski, M.D. - Yonge, Law and Teklinski Group practice. 5-10 hospital patients per week. Patients are primarily medicare with a lot of medical problems. Lee Thigpen, M.D. - Sacred Heart Crestview Medical Group, Crestview, FL Very busy group practice, large mix of patients, interdisciplinary w/ ARNPs, PAs and specialists, Lipid Specialist, Preventive Medicine, Inpatient ORTHOPAEDICS/ORTHOPAEDIC SURGERY Thomas Fox, D.O. - Bluewater Orthopaedics, Niceville, Destin, Crestview, FL Busy group practice, Board certified in Orthopaedic Surgery, Sports Medicine, Inpatient.

Michael Gilmore, MD - Panhandle Orthopaedics; Marianna, Florida (850)526-4555 - Clinic 2 to 3 times a week - Surgery 2 to 3 times a week. Housing arranged for students - no weekend call. OTOLARYNGOLOGY Charles Grayson, D.O. - Crestview ENT, Crestview, FL Solo Practice, 40% pediatric, 60% adult. PEDIATRICS Bilal Khodr, MD; Perry, Florida John Van Ostenbridge, M.D. - Emerald Coast Pediatrics, Milton, FL Very busy practice, Patients rural/underserved, Inpatient. Corey Wolff, M.D. — The Wolff Center for Child and Adolescent Health, Pensacola, FL Solo practice. SURGERY Dennis Stewart, M.D. - Crestview, FL Solo Practice, General, trauma, thoracic, vascular, advanced laparoscopic surgical procedures. Kurt Stockamp, M.D. — Pensacola, FL Group practice, General Surgery.

Course Faculty and Staff:

Course Director(s): Robert Hatch MD

Meeting Place and Time

To be arranged.

Course Materials

NA

Additional Information

Approval to participate in this course must be obtained from the course director and the preceptor prior to scheduling.

Student Health - UF Infirmary

CM E 2 | 4th Year Selective | Community Health and Family Medicine | Clinical Science

Prerequisites

Fourth Year Medical Student

Course Description

COURSE GOALS: To introduce students to the interesting and evolving field of Student Health Medicine, combining aspects of Family Medicine, Adolescent Medicine, Sports Medicine, Urgent Care, and Preventive Medicine.

Course Faculty and Staff:
Course Director(s): Phillip Barkley MD, Ronald Berry MD

Meeting Place and Time

Student Health Care Center, Infirmary Building, Main Campus. Work Schedule Monday through Friday, 8:00am to 5:00pm.

Course Materials

Selected readings in Student Health.

Additional Information

Student may contact Dr. Berry for more information at 392-1161 x 4236 or rberry@ufl.edu

Clinical Dermatology

MED E 11 | 4th Year Selective | Dermatology | Clinical Science

Prerequisites

4th year medical students. Non-UF students applying for this rotation should also submit a copy of their transcript and a personal statement.

Course Description

Provide instruction in the techniques of examination of skin. Enhance the student's vocabulary in describing skin lesions. Introduce the student to most of the common skin diseases and a few of the less common diseases. Provide experience in dermatological prescribing and compounding. Demonstrate the techniques of skin biopsy as well as surgical excision.

Course Faculty and Staff:

Course Director(s): Stanton Wesson MD
Course Staff: Christine Dortch

Meeting Place and Time

8:00 AM on First day of rotation - report to UF Dermatology Skin and Cancer Clinic, located in Park Ave Prof Offices off of West Newberry Road - 1014 NW 57th St; Gainesville, FL 32605; Phone 352-265-8001

Course Materials

Dermatology for the House Officer Color Atlas and Synopsis of Clinical Dermatology Kodachromes provided by Dermatology

Additional Information
Emergency Medicine - Clinical Independent Study

EMD CIS | 4th Year Selective | Emergency Medicine | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

TBA

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

This course should be selected by UF students who would like to complete a unique clinical experience with a particular faculty member within the Department of Emergency Medicine at the University of Florida College of Medicine. Students must submit a Clinical Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student.

Additional Information

TBA

Emergency Medicine - Elective Shands

EMD E 1 | 4th Year Selective | Emergency Medicine | Clinical Science

Prerequisites

Satisfactory completion of third year curriculum. Non-UF students applying for this rotation must submit a current CV and letter of recommendation along with the
Course Description

COURSE GOALS: This course will provide: 1. An introduction to acute care medicine where the student will be expected to function as a member of the physician team and actively participate in diagnosis and treatment of life-threatening illnesses. Students will be active participants in cardiopulmonary and trauma resuscitations. 2. Direct one-on-one supervision and teaching with an Emergency Medicine Attending and Senior Emergency Medicine Resident. 3. Experience in diagnosis and treatment of common ailments (i.e., wound management, treatment of ankle sprains, etc.) not routinely seen during inpatient rotations. 4. Experience in performing procedures (e.g. incision and drainage, lumbar puncture, suturing wounds, placing IVs, ABG sampling, central lines, nerve blocks, etc) 5. Ability to apply splints, and manage and dress wounds appropriately. 6. Opportunities to refine ECG and X-ray interpretation skills. 7. An understanding of how emergency room operates and how to effectively utilize its resources. 8. Study of separate curriculum from that of Required Clerkship.

Course Faculty and Staff:

Course Director(s): Matthew Ryan MD, PhD
Course Co-Director(s): Richard Petrik MD
Course Staff: Beth Magyari

Meeting Place and Time

Orientation: First Monday of the rotation, Gainesville Time and location TBA, the Emergency Medicine conference room. Students will be contacted via email.

Course Materials


Additional Information

Rotation Shift locations: Shands - 13; EMS Ride Along - 1; Observation of 911 dispatch - 2hrs.
Emergency Medicine. Students should complete the paperwork required from the institution where the rotation is requested and the "in-house" Externship Application at UF.

Course Faculty and Staff:

Course Director(s):  
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Emergency Medicine Independent Study

EMD IS | 4th Year Selective | Emergency Medicine | Basic and Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Emergency Medicine at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s):  
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD  
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA
Emergency Medicine Ultrasonography

EMD E 4 | 4th Year Unknown Type | Emergency Medicine | Clinical Science

Prerequisites

4th year medical student - Must be planning to match in emergency medicine

Course Description

- The mission of this rotation is to train future emergency physicians in the basics of emergency limited ultrasonography and to help them become proficient emergency sonographers who will use and incorporate their knowledge to positively enhance patient care. We will focus on bedside echo, aorta, gallbladder, FAST, EFAST to include pneumothorax, renal, pelvic, central and peripheral venous access and soft tissue. Other studies include assessment of volume status, foreign body location, musculoskeletal, scrotal, ocular, dvt.

Course Faculty and Staff:

Course Director(s):  
L. Connor Nickels MD RDMS, Eike Flach MD

Course Co-Director(s):  

Course Staff:  Beth Magyari

Meeting Place and Time

Emergency Room. Please email prior to first day and we will decide on schedule. times and meeting. These will vary as our schedules always vary.

Course Materials

Ma JO, Mateer JR, Blaivas M. Emergency Ultrasound. 2nd Ed. 2008 Websites - sonoguide.com

Additional Information

You will receive textbook on first day. You must return it on the last Friday of your 2 or 4 wk rotation. Equipment: 3 Sonosite Turbos with 4 probes each, 2 in use in the department and 1 for educational purposes only 2 additional Sonosite Turbos available for use in trauma area, each 1 Sonosite Titan with microconvex probe Multiple Phantoms available for teaching including pelvic, Internal jugular vascular access, other vascular access (peripheral, branched, pediatric) and foreign body models Minimum of 50 or 80 scans, respectively, required during 2 or 4 wk rotation Student required to save stills/video clips of all scans not performed live with Dr. Flach or Dr. Nickels for video review onto his/her own memory stick or external drive Must complete all practicums with either Dr. Flach or Dr. Nickels Must have a “case of the month” in which he/she researches the current literature regarding this subject and composes a short ppt presentation reviewing the case Must scan on his/her own every week day that other assignments not made Must complete scanning shifts with Dr. Flach or Dr. Nickels as assigned ***Important: If you are scanning alone or with other students/faculty/residents besides Dr. Nickels or Dr. Flach, you are ONLY ALLOWED to scan patients who are getting a CONFIRMATORY test DURING THEIR ED STAY which will include the area you are scanning. (for example, if the patient is getting an abdomen and pelvis ct, then you can ultrasound gallbladder, aorta, renal, pelvic, appendix, any
fb/abscess/cellulites within this area only. However, if the patient is getting a
gallbladder scan from radiology, then you may only scan their gallbladder.

International Emergency Medicine—Mahidol-Ramathibodi Hospital
Bangkok, Thailand

EMD E 3 | 4th Year Selective | Emergency Medicine | Clinical Science

Prerequisites

Satisfactory completion of third year curriculum Satisfactory completion of Emergency Medicine Clerkship

Course Description

COURSE GOALS: This course will provide: 1. An introduction to international emergency and acute care medicine in the tropics and Emergency Medicine in both large Urban Medical Center and rural clinics. The student will have a clinical experience in Chiang Rai orphanage and boarding school and village clinic. (PC, MK, IC, Pr, SBS) 2. Increase the clinical knowledge base in Emergency Medicine, Pediatrics, Infectious Diseases, Toxicology, and Medical Systems. (MK, PC) 3. Learn to establish a physician patient relationship with patients from a different culture including taking history through translator other alternate methods (Pr, IC, SBP) 4. Recognition of non western medical care and the interactions with western medical practice taught in Thai medical schools. (Pr, SBP, IC) 5. Gain experience diagnosing and treating ailments common in this setting and less common in American practice (e.g. Malaria, helminthes, Leprosy) (PBL, MK, PC) 6. Participate in Medical Mission to villages in northern Thailand, providing medical exams, care and vaccines to children and indigent stateless Hill tribe people of Northern Thailand. (Pr, MK, PC, PBL, IC) Clinical Experience: Students will spend 2 weeks in this elective. The timing of this portion is dependent on the week of spring break as the Project Thailand Mission trip is an integral part of the curriculum (appendix 1) Students in clerkship will travel together to Bangkok, Thailand to begin spend one week in lectures, labs at the ED of Ramathibodi Hospital of Mahidol University College of Medicine. The clerkship director will provide orientation and reading materials including clinical schedules to students. Students will have lectures and labs the first week. In clinic Students are expected to take interviews with patients through translators. Students may also assist Residents and Faculty with other clinical tasks as needed. Students are encouraged to explore the ways cultural differences create clinical challenges and to experience life as a cultural minority. Students should consider how these challenges may impact their relationship with cultural minorities at home and examine how they can better relate to them knowing these challenges first hand. If a patient relevant to the didactic topic is seen the student should interview and examine them and review the evaluation and management of the case. The student will perform literature search on one of their patients seen either in Bangkok or a child in the orphanage and provide a presentation of their selected case and a relevant article to the course director. This presentation can be a literature review, slide presentation or other format approved by course director. At the end of the didactic week, the clerkship students with other members of Project Thailand Mission will fly to Chiang Rai for the clinical phase of the course. The group will travel to and stay at
the Akha training center and orphanage known as the Children of the Golden Triangle. The group will set up a clinic there to provide routine health maintenance exams for the children. There will also be excursions to the Akha villages to hold clinic in and to see the culture and living situation the children come from in the mountains. Course participants are required to participate in the logistic planning of the medical relief mission prior to leaving including fundraisers, procuring supplies, planning transport and distribution of resources. Depending on the assignment chosen by the student, these may require attendance at meetings and events that occur prior to the clerkship. Students should keep this in mind when planning their schedules and deciding on electing this course. During the Clerkship students are advised to keep a daily journal (separate from the ED case log) of their experiences and their impressions of their experiences. Students are to document how these experiences will affect their practice. Students will turn in their journals and patient logs at the end of the clerkship. The Course director will review the student’s journal and case log after the last week of the course. The journal will be returned.

Course Faculty and Staff:

Course Director(s): Kevin Ferguson MD
Course Staff: Beth Magyari

Meeting Place and Time

Orientation and planning will begin in the fall and meet frequently during the academic year. The group will meet at the Gainesville Airport on the Saturday prior to the start of the rotation as it takes 24 hours to travel to Bangkok.

Course Materials

Lecture series on Global Health in Emergency Medicine- U-F Faculty
Lecture series on Tropical Medicine, Ethnocentric Pediatric diseases, Ramathibodi Faculty
Introductory materials on Thai culture, language and medical system.- Ramathibodi and adjunct Faculty

Additional Information

Children of the Golden Triangle Akha Training Center / Villages = 4 days

Introduction to EMS, Prehospital Care and Shands Cair

EMD E 2 | 4th Year Selective | Emergency Medicine | Clinical Science

Prerequisites

Satisfactory completion of third year curriculum.

Course Description

COURSE GOALS: At the end of this rotation, the student will: 1. Gain an appreciation for the role of prehospital care in the management of the critically ill or injured patient. 2. Be able to assess the appropriateness of a patient for
transport by ground or air. 3. Understand, through active participation in prehospital care operations, the unique challenges of packaging, monitoring, and performing patient care in the prehospital environment. 4. Know how to access emergency medical service systems and explain dispatch principles used by these systems. 5. Gain an appreciation of the needs for prehospital education, quality assurance and research. 6. Understand integrated trauma management. During these four weeks, you will be exposed to all aspects of emergency medical services (EMS). Your experience will include flying with Shands Cair (October through May Only - must not be taller than 6’2” and under 200 lbs.), riding on paramedic units, participating in quality assurance activities, paramedic education, and prehospital protocol assessment. You will discover the satisfaction which comes in assisting in the out-of-hospital management of the critically ill or injured patient and in knowing that your efforts can benefit the health of a community, not just an individual.

Course Faculty and Staff:

Course Director(s): Christine VanDillen MD
Course Staff: Beth Magyari

Meeting Place and Time

By arrangement with course sponsor.

Course Materials

Handouts and training materials are provided by the course sponsor and sponsoring agencies. Prehospital patients come from all sections of the county and all segments of society, and will be seen in the field as students ride with paramedics. The only common thread binding these patients is their need for assistance.

Additional Information

NOTE - This course will be offered only by specific arrangement with course director/co-director.

Pediatric Emergency Medicine-Jacksonville

EMD E 1J | 4th Year Selective | Emergency Medicine | Clinical Science

Course Description

NA

Course Faculty and Staff:

Course Director(s): Robert Luten MD
Other Faculty: Todd Wylie MD, Frank Genuardi MD, MPH, Louise Webb MD, Mark McIntosh MD, Phyllis Hendry, Madeline Joseph MD
Course Staff: Kelsey Kyne, Kimko Patterson
Meeting Place and Time

Scheduled with preceptor

Course Materials

Pediatric EM Resident Manual and orientation powerpoint presentation Full complement of PEM Textbooks available Broselow-Luten Dosing Guide and related materials Interactive educational CD ROM PEM web-based radiology case files Literature compilation on PEM available

Additional Information

Conferences for students from Pediatric resident, emergency medicine resident, and pediatric emergency medicine fellowship conference schedule where applicable.

Req. Emergency Medicine - Career Track - Shands at Gainesville

EMD R2 | 4th Year Required | Emergency Medicine | Clinical Science

Prerequisites

The 4th year UF medical student must have interest in pursuing residency training in Emergency Medicine. Students need to demonstrate appropriate clinical skills by successfully completing the 3rd year core clerkships (including IM, Surgery, OB/Gyn, Pediatrics). It is not necessary to complete an EM rotation prior to this course.

Course Description

Goals and Objectives This rotation is designed for the student interested in emergency medicine as a career. As emergency medicine has grown into it’s role as a medical specialty it has become clear that there are certain attributes and skills needed to assure success and satisfaction in this field. While all physicians need training in the handling of basic medical emergencies, this is generally covered in the standard 4th year emergency medicine rotation. Students interested in making a career of emergency medicine need exposure to other aspects of life as an emergency physician. These include the rigors of shift work, the communication skills necessary for transfer of care, the skill set needed to make rapid patient dispositions, the importance of concise ED case presentations, the ability to manage patients simultaneously and the appropriate use of consultation services. This rotation also provides opportunities to gain advice on how to plan for residency; evaluation of programs, the application process, interviewing, internship survival, etc. This rotation affords students the opportunity to: 1) practice recognition of “sick” vs “not-sick” patients 2) refine skills in stabilization of acute life threatening emergencies 3) enhance skills at developing “complaint-based” differential diagnoses 4) experience the continuum of initial evaluation, stabilization, treatment and disposition of the acutely ill or injured patient 5) foster understanding of the complimentary interactions between the Emergency Department (ED) and the rest of the health care system 6) refine ED case presentation skills 7) develop a mini-mentorship relationship with an
academic emergency physician Curriculum Shift schedules - Schedules will be modeled after the EM intern schedules. Expectations include making expedited, efficient and appropriate presentations, differentiating accurately between sick and not-sick patients, creating well rounded differential diagnosis lists and forming, as well as, supporting a plan of evaluation and treatment. Students will be expected to prepare and present a formal case presentation during the rotation based on a ED case. Efficiency, conciseness and completeness of the presentation, charting and handling of the question session will be graded. Active participation in our monthly journal club is expected. Examinations - Students will continue to take the multiple choice “end-of-rotation” test as administered to all required clerkship rotators. Instructional Labs - Students will participate in procedure labs to learn and refine skills in suturing/wound management, airway management, splinting, central venous access, ultrasound, etc. These labs will involve the use of hi-fidelity simulation mannequins. Students have the opportunity to develop diagnostic and treatment plan skills in simulated patient encounters. Some of these will also take place in small group sessions with oral board type cases. Some will take place using hi-fidelity patient simulators. The cases will cover commonly encountered high-risk patient complaints such as chest pain, short of breath, altered level of consciousness, multiple trauma, etc

Course Faculty and Staff:

Course Director(s): Matthew Ryan MD, PhD
Course Co-Director(s): Richard Petrik MD
Course Staff: Beth Magyari

Meeting Place and Time

Orientation: First Monday of the rotation. Time and Location TBA. Students will be contacted via email.

Course Materials

Tintinalli’s Emergency Medicine: A Comprehensive Study Guide, 6th edition (provided for the student); Lecture Powerpoint Presentations available on the intranet; Emergency Medicine’s Top Clinical Problems (provided for the student) O. John Ma & David Cline. Emergency Medicine Manual 6th Ed. 2004.McGraw Hill. Copy provided for use during rotation. Bound Readings: Sub-I students will be given a copy of reading including: 1) history of emergency medicine as a specialty 2) proper ED case presentation technique 3) preparing for residency/choosing a residency/interviewing 4) opportunities in EM (fellowships, etc) 5) ED charting 6) Other

Additional Information

This is the rotation to take if you want to be evaluated as a potential candidate for Emergency Medicine residency training. Students requesting a standardized letter of recommendation (SLOR) for EM-residency applications should enroll in this rotation. This rotation fulfills all the requirements of, and substitutes for, the standard “required 4th year emergency medicine rotation”. Student will be tasked with patient care responsibilities and be expected to function at the Sub-I level. This rotation does not fulfill The “sub-internship” requirement of the 4th year. You must still complete a “sub-internship” in Family Medicine, Internal Medicine or Pediatrics. Rotation Shift Locations and Quantities: UF Shands Adult ED—13 shifts, UF Shands Pediatric ED - 2 shifts; EMS Ride Along — 1 shift; 5 hours of
Req. Emergency Medicine - Shands at Gainesville

EMD R 1 | 4th Year Required | Emergency Medicine | Clinical Science

Prerequisites

4th year UF medical student

Course Description

At the end of a 4-week rotation, 4th year medical students should be able to do the following: 1. Demonstrate the Emergency Medicine "ABC's" approach in the evaluation of emergency patients. 2. Perform an initial evaluation of the undifferentiated Emergency Medicine patient, with focus on stabilization of acutely ill patients. 3. Perform an evaluation of the trauma patient with initial primary survey, addressing life-threatening problems first, followed by the secondary survey. 4. Participate in prehospital care and be able to describe the structure, function and limitations of the EMS system. 5. Manage patients with toxic exposures in general, and be able to recognize and treat common overdoses from reading and lecture assignments. 6. Evaluate and treat common environmental illnesses. 7. Develop and improve procedure skills by performing IV catheter insertion, urinary catheter insertion, suturing, and other necessary invasive procedures. 8. Function effectively in the Emergency Department working as a member of Emergency Department team, establish appropriate consult and referrals and efficiently use emergency medicine resources.

Course Faculty and Staff:

Course Director(s): Matthew Ryan MD, PhD
Course Co-Director(s): Richard Petrik MD
Course Staff: Beth Magyari

Meeting Place and Time

Orientation: First Monday of the rotation, Gainesville Time and Place TBA. Students will be contacted via email.

Course Materials


Additional Information

Rotation Shift Locations and Quantities: UF Shands Adult ED—13 shifts, UF Shands Pediatric ED - 2 shifts; EMS Ride Along — 1 shift; 5 hours of didactic sessions/week; 3 hours of simulation sessions/week; journal club. Clinical shifts are 8 hours.
Req. Emergency Medicine-Jacksonville

EMD R 1J | 4th Year Required | Emergency Medicine | Clinical Science

Prerequisites

MS3 clinical curriculum (at least Internal Medicine and Surgery)

Course Description

COURSE GOALS: At the end of a 4-week rotation, a 4th year medical student should be able to do the following: 1. Demonstrate the Emergency Medicine “ABC’s” approach in the evaluation of emergency patients. 2. Perform an initial evaluation of the undifferentiated Emergency Medicine patient, with focus on stabilization of acutely ill patients, and function as a member of Emergency Department team. 3. Be able to perform an evaluation of the trauma patient with initial primary survey, addressing life-threatening problems first, followed by the secondary survey. 4. Participate in prehospital care and be able to describe the structure, function and limitations of the EMS system. 5. Be able to manage patients with toxic exposures in general, and be able to recognize and treat common overdoses from reading and lecture assignments. 6. Be able to evaluate and treat common environmental illnesses. 7. Work to sharpen procedure skills by performing IV catheter insertion, urinary catheter insertion, suturing, and other necessary invasive procedures. 8. Recognize the limitations of Emergency Department, establishing appropriate consult and referral skills.

Course Faculty and Staff:

Course Director(s): Thomas Morrissey MD, PhD
Course Co-Director(s): Richard Westenbarger
Course Staff: Debra Eurom, Kelsey Kyne

Meeting Place and Time

Orientation: first Monday of the rotation. Jacksonville - 8:30 am in the conference room of the Emergency Medicine Administrative offices; 1st floor; Clinical Center.

Course Materials


Required Emergency Medicine-Career Track-Jacksonville

EMD R 2J | 4th Year Required | Emergency Medicine | Clinical Science

Prerequisites

4th year medical student pursuing residency training in Emergency Medicine
Students would need to successfully complete the 3rd year core clerkships (including IM, Surgery, OB/Gyn, Pediatrics). It is not be necessary to complete a basic EM rotation prior to “career-track emergency medicine”.

Course Description

Goals and Objectives This rotation is designed for the student interested in emergency medicine as a career. As emergency medicine has grown into its role as a medical specialty it has become clear that there are certain attributes and skills needed to assure success and satisfaction in this field. While all physicians need training in the handling of basic medical emergencies, this is generally covered in the standard 4th year emergency medicine rotation. Students interested in making a career of emergency medicine need exposure to other aspects of life as an emergency physician. These include the rigors of shift work, the communication skills necessary for transference of care, the skill set needed to make rapid patient dispositions, the importance of concise ED case presentations, the ability to manage patients simultaneously and the appropriate use of consultation services. This rotation also provides opportunities to gain advice on how to plan for residency; evaluation of programs, the application process, interviewing, internship survival, etc. This rotation affords students the opportunity to: 1) practice recognition of “sick” vs “not-sick” patients 2) refine skills in stabilization of acute life threatening emergencies 3) enhance skills at developing “complaint-based” differential diagnoses 4) experience the continuum of initial evaluation, stabilization, treatment and disposition of the acutely ill or injured patient 5) foster understanding of the complimentary interactions between the Emergency Department (ED) and the rest of the health care system 6) refine ED case presentation skills 7) develop a mini-mentorship relationship with an academic emergency physician.

Curriculum: Shift schedules - Schedules will be modeled after the EM intern and resident schedules. Students will perform 8 to 12-hour shifts (mix of days, nights and weekends). The schedules will be selected so that students spend at least a minimum number of shifts with selected educational faculty. Shifts will be a mix of Resus/Trauma, Emergency Critical Care, Intermediate/Flex care and Pediatric ED. Students will complete one shift with Duval Co. Fire Rescue or attend 911 EMS dispatch. Presentations - Expedited and efficient (but complete) case presentations are a core skill of competent emergency physicians. Students will be expected to prepare a formal case presentation by the end of the rotation. This case will be accompanied by a formal written ED-chart. The students will be required to present the case at a conference during the third week of the rotation in front of educational staff, residents and attendings. They will then field questions on the case, as if they were signing the case out to a colleague. Efficiency, conciseness and completeness of the presentation, charting and handling of the question session will be graded.

Journal Club/Didactic Lectures - The current lecture curriculum (including approach to airway, chest pain, shortness of breath, abdominal pain, toxicology, environmental emergencies and trauma/EMS) will be revised and presented in an interactive journal club format. Each week sub-I students will be responsible for reading a basic (assigned) article on the relevant topic and presenting it to the class (both required clerkship students and other sub-I students). The ensuing discussion will be moderated and augmented by educational faculty. The faculty may also provide additional lecture material or slide presentations as needed. Our monthly journal club for the residents will now include one paper evaluated by, and presented by, the sub-I students. Faculty mentors will aid the sub-I students in evaluating the paper prior to presentation at the formal journal club. This will further provide interaction time between
residents and EM-bound students. Examinations - SAEMTESTS.org- The Society for Academic Emergency Medicine has developed a web-based set of EM-subject tests. Sub-I students during the rotation will perform these tests. Students will continue to take the multiple choice “end-of-rotation” test as administered to all required clerkship rotators. As EM “shelf exams” become available we may consider incorporating these into the rotation. Instructional Labs - Students will participate in procedure labs to learn and refine skills in suturing/wound management, airway management, splinting, central venous access, ultrasound, etc. These labs will involve the use of hi-fidelity simulation mannequins. Simulated Patient Encounters - Students will get the opportunity to develop diagnostic and treatment plan skills in simulated patient encounters. Some of these will take place in small group sessions with oral board type cases. Some will take place using hi-fidelity patient simulators. The cases will cover commonly encountered high-risk patient complaints such as chest pain, short of breath, altered level of consciousness, multiple trauma, etc

Course Faculty and Staff:

Course Director(s): Thomas Morrissey MD, PhD
Course Co-Director(s): Richard Westenbarger
Course Staff: Kelsey Kyne, Debra Eurom

Meeting Place and Time

Orientation: first Monday of the rotation. Jacksonville - 8:30 am in the conference room of the Emergency Medicine Administrative offices; 1st floor; Clinical Center.

Course Materials


Additional Information

This is the rotation to take if you want to be evaluated as a potential candidate for Emergency Medicine residency training. Students requesting a standardized letter of recommendation (SLOR) for EM-residency applications should enroll in this rotation. This rotation fulfills all the requirements of, and substitutes for, the standard “required 4th year emergency medicine rotation”. Student will be tasked with patient care responsibilities and be expected to function at the Sub-I level. This rotation does not fulfill The “sub-internship” requirement of the 4th year. You must still complete a “sub-internship” in Family Medicine, Internal Medicine or Pediatrics.
Health Care Economics

EPI E 1 | 4th Year Selective | Health Outcomes and Policy | Basic Science

Prerequisites

4th year medical student. An understanding of basic microeconomics is helpful but not required.

Course Description

GOALS: This course is designed to enhance students' knowledge of key economic issues in the health care industry and their ability to critically evaluate health care policies. TOPICS: This course focuses on the financing and organization of health care in the United States. Topics covered include: (1) the health economy in the U.S., (2) the production and demand for health and medical care, (3) the market for health insurance, (4) private (e.g., employment based) and public (e.g., Medicare and Medicaid) sources of health insurance, (5) managed care, and (5) current issues in health care reform. REQUIREMENTS: Active participation in class meetings, short assignments, and a project with oral and written presentations.

Course Faculty and Staff:

Course Director(s): Jill Boylston Herndon Ph.D.

Meeting Place and Time

TBA

Course Materials

Readings: Health Policy Issues, 5th Edition, by Paul J. Feldstein; The Political Economy of Health Care Reforms, edited by Huizhong Zhou; peer-reviewed journal articles; handouts. NOTE: Readings will be available online and through course reserves. Students do not need to purchase materials.

3rd Year Medicine

3 MED | 4th Year Selective | Internal Medicine | Clinical Science

Course Description

Scheduling of this course must first be arranged with the Office of Medical Education prior to entering it on your 4th year schedule. This course should be scheduled during the time period in which a 3rd year clerkship is to be completed during the 4th year.

Course Faculty and Staff:

Course Director(s): Heather Harrell MD
Course Staff: Kathy Pipkins
Cardiology Inpatient And Consultative Services - Jacksonville

MED E 1J | 4th Year Selective | Internal Medicine | Clinical Science

Course Description

NA

Course Faculty and Staff:

Course Director(s): Steven Lavine MD
Other Faculty Frank Genuardi MD, MPH, Irene Alexandraki MD
Course Staff: Kelsey Kyne

Meeting Place and Time

Cardiac Intensive Care Unit; 5th Floor ACC Building; Shands Jacksonville.

Course Materials

Compendia will be provided.

Cardiovascular Critical Care - Jacksonville

MED E 9J | 4th Year Selective | Internal Medicine | Clinical Science

Course Description

NA

Course Faculty and Staff:

Course Director(s): Steven Lavine MD
Other Faculty Irene Alexandraki MD, Frank Genuardi MD, MPH
Course Staff: Jennifer Hamilton, Kelsey Kyne

Meeting Place and Time

Cardiac Intensive Care Unit; 5th Floor ACC Building; Shands Jacksonville.
Course Materials

Compendia will be provided.

Clinical Cardiology

MED E 4 | 4th Year Selective | Internal Medicine | Clinical Science

Prerequisites

Fourth Year Medical Student

Course Description

Students will work closely with specific faculty preceptors and fellows in cardiovascular medicine. Duties will consist of evaluating patients with cardiovascular problems on the inpatient medical and surgical services. This typically includes patients with coronary artery disease, angina, and atrial fibrillation. In addition, students can expect to evaluate patients for preoperative cardiovascular risk assessment prior to non-cardiac surgery. Other common referrals include syncope, chest pain, dyspnea, congestive heart failure, and congenital heart disease in adults. Students will evaluate patients semi-independently and will present information to the fellow and attending on consult rounds. In addition, students on this elective participate in our cardiovascular teaching conferences, which include a weekly Clinical Case conference, a conference series for Housestaff, Cardiology Grand Rounds, and Medical Grand Rounds. During the elective, students will have formal directed exposure to reading ECG's, supervising treadmill stress tests, and observing a limited number of cardiac catheterization procedures. Students may take the elective for 2 weeks or 4 weeks. Only one student will take the elective at a time.

Course Faculty and Staff:

Course Director(s): Daniel Pauly MD, PhD
Course Staff: Mimi Jolicoeur

Meeting Place and Time

On the first day of the elective, please report to room M-421 between 8:00 and 8:30 in the morning.

Course Materials

A written handout with schedules and instructions will be provided on the first day of the elective.

Additional Information

Before and during the elective, contact Mimi Jolicoeur at (352) 273-9079 or jolicmd@medicine.ufl.edu for assistance. You may also contact Daniel F. Pauly, MD PhD at (352)273-9078 or paulydf@medicine.ufl.edu for questions or concerns.
Clinical Elective in MICU

MED E 12 | 4th Year Selective | Internal Medicine | Clinical Science

Prerequisites

Medicine clerkship is mandatory Sub-internship in Medicine is desirable

Course Description

Student will participate in the care of critically ill patients under the supervision of upper level internal medicine residents, pulmonary & critical care fellow and MICU attending. Student will deliver succinct presentations during interdisciplinary MICU rounds. Student will write informative and insightful progress notes. Student will learn about coordination of care in the ICU. Student will learn about physician-to-family communication with special attention to end-of-life issues. Student will learn to interpret arterial blood gases, portable chest X-rays, and data from invasive monitoring of hemodynamics. Student will learn to evaluate and manage common problems in the ICU including fever, hypoxemia and hypotension. Student will learn to manage septic shock, ARDS, toxic syndromes and other problems. Student will learn about principles and practice of invasive and non-invasive mechanical ventilation. Students will learn about use of analgesics and sedatives in the ICU. Students will learn to manage discontinuation of mechanical ventilation. Student will learn about use of continuous infusions of various agents (vasopressors, vasodilators, inotropic / chronotropic agents, anti-arrhythmics, insulin, drotrecogin, analgesics, sedatives, paralytics). Student will learn about nutrition in ICU patients. Student will learn best practices for prevention of pulmonary embolism, ventilator-associated pneumonia, line infection, and gastritis / stress ulcer in ICU patients. Student may perform certain invasive procedures including placement of arterial catheter and placement of central venous catheter. Student will learn indications for and may observe certain invasive procedures including intubation, bronchoscopy, chest tube placement, pulmonary artery catheterization, and percutaneous dilational tracheostomy. Students will participate in a series of small group discussions led by MICU fellow and / or attending addressing several topics of incontrovertible importance to the practice of critical care medicine. Discussions will include references to clinical cases, clinical trials, clinical guidelines and other materials.

Course Faculty and Staff:

Course Director(s): Jorge Lascano MD

Other Faculty Hassan Alnuaimat MD, Irahim Faruqui MD

Course Staff: Jon Coffey

Meeting Place and Time

Contact Jon Coffey prior to the start of the rotation 352-273-8667 or via email jon.coffey@medicine.ufl.edu. The meeting place will be in M452 at 9 am in the HSC for the first morning of the rotation.

Course Materials

study found the use of low (6 ml/kg predicted weight) rather than “standard” (12 ml/kg predicted weight) tidal volumes reduced mortality from 40 to 30%. 2. - http://www.nejm.org/doi/pdf/10.1056/NEJMoa032193 A NHLBI ARDS net randomized trial comparing high and low PEEP strategies in 549 patients with ALI or ARDS found no significant difference in mortality, ventilator-free days, ICU-free days, or organ failure-free days in the two groups. 3. - http://www.nejm.org/doi/pdf/10.1056/NEJMoa051693 This study randomized 180 patients with persistent ARDS (7 to 28 days after onset) to methylprednisolone (daily dose 2 mg/kg x 14 days then 1 mg/kg x 7 days) vs. placebo. Hospital mortality and 180-day survival were comparable, but patients enrolled 14 or more days after ARDS onset had increased 60-day mortality (35% vs. 8% placebo, p = .02). 4. - http://chestjournal.chestpubs.org/content/131/4/954.full.pdf+html This study of 91 patients with severe ARDS has added fuel to the debate over systemic corticosteroid use in acute lung injury. The intervention group received steroids within 72 hours of ARDS diagnosis and a slow taper. Steroid recipients had decreased duration of mechanical ventilation and ICU stay. The higher proportion of patients with catecholamine-dependent shock among controls, cross over from control to steroids in “nonresponders” at day 7, and 2:1 randomization of treatment to control are among the concerns raised since its publication 5. - http://www.nejm.org/doi/pdf/10.1056/NEJMoa062200’ A randomized study, comparing conservative vs. liberal fluid management (via explicit protocols) applied over seven days to 1000 patients with acute lung injury. Although there was no significant difference in the primary outcome of 60-day mortality, the conservative strategy of fluid management shortened the duration of mechanical ventilation and ICU stay without increasing nonpulmonary-organ failure. SEPSIS. 1.http://www.ncbi.nlm.nih.gov/pubmed/18158437?ordinalpos=10&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum This update of the 2004 guidelines utilized a new approach for grading the evidence underlying recommendations. Noteworthy changes include elimination of the cosyntropin stim test and downgrading the recommendation to “weak” for hydrocortisone in patients with persistent shock and for activated protein C in patients with severe sepsis. 2.http://www.ncbi.nlm.nih.gov/pubmed/18184957?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum RCT (N = 499) found no 28-day mortality benefit to “physiologic” doses of hydrocortisone administered within 72 hours of sepsis onset, independent of the response to a corticotropin stim test. Difficulty with patient recruitment and lower than expected mortality led to the study having a power of < 35% to detect a 20% reduction in relative risk of death. 3.http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=11794169 This RCT of 263 patients found benefit from early (in E.D.) aggressive resuscitation (in-hospital mortality of 30% in the goal-directed group compared to 46% in the standard therapy group). The intervention arm was noteworthy for prn use of blood transfusion and/or inotropes to maintain central venous O2 sat >70%. Authors speculate the earlier aggressiveness accounts for better outcomes than previous studies of goal-directed hemodynamic optimization HYPOTHERMIA 1. http://content.nejm.org/cgi/reprint/346/8/549.pdf This article shows that in patients who have been successfully resuscitated after cardiac arrest due to ventricular fibrillation, therapeutic mild hypothermia increased the rate of a favorable neurologic outcome and reduced mortality. NEPHROLOGY AND ICU 1. http://chestjournal.chestpubs.org/content/132/4/1379.full.pdf+html This review article explains the various forms of hemodialysis, ultrafiltration, and hemofiltration as well as the most common ICU indications for Renal Replacement Therapy. LIVER AND ICU 1. http://ajrccm.atsjournals.org/cgi/reprint/168/12/1421
Review of the most common liver problems in the ICU as well as their management. 2. http://onlinelibrary.wiley.com/doi/10.1002/hep.21907/abstract

Update of the current practice guidelines for the treatment of varices, including use of antibiotics, octreotide, and IV PPI in the intensive care setting. ENDOCRINE AND ICU 1. http://pmj.bmj.com/content/83/976/79.long This review discusses the management of diabetic ketoacidosis, hyperosmolar hyperglycemic state, hypoglycemia, hypercalcemia, thyroid storm, myxedema coma, acute adrenal insufficiency, pheochromocytoma hypertensive crisis and pituitary apoplexy in the adult population. SEDATION AND ICU 1. http://www.nejm.org/doi/pdf/10.1056/NEJM200005183422002 RCT found daily interruption of sedation in a MICU population resulted in shorter duration of mechanical ventilation and ICU stay, less total dose of sedation, and less use of diagnostic tests to work-up impaired mental status compared to the control group. No increase in short term adverse outcomes in the intervention group identified but patients were not evaluated for subtle or long-term adverse outcomes. 2. http://jama.ama-assn.org/cgi/reprint/301/5/489 This study is noteworthy for finding use of dexmedetomidine reduced the prevalence of delirium (54% vs 77% with midazolam) and for providing further evidence of the safety of using dexmedetomidine at higher doses and longer duration than currently approved by the FDA. There was no difference in the primary outcome, time spent at target level of sedation. Duration of mechanical ventilation was shorter with dexmedetomidine but length of ICU stay was similar. WEANING MECHANICAL VENTILATION 1. http://www.nejm.org/doi/pdf/10.1056/NEJM199502093320601 Prospective, randomized study found once daily or multiple daily trials of spontaneous breathing (T-piece or CPAP <5 cm) resulted in more rapid successful extubation than gradual weaning of pressure support or IMV. 2. http://www.sciencedirect.com/science/article/pii/S0140673608601051 This RCT found the combination of daily sedation holiday and daily weaning trials resulted in reduced ventilator days and reduced mortality compared to daily weaning trials alone (HR 0.68, p = .01, NNT to save one life 7). BMT AND ICU 1. http://ajrccm.atsjournals.org/cgi/reprint/170/1/22 A State of Art article that provides an excellent overview of the complications of solid organ and hematopoietic stem cell transplantation

Additional Information
You will received a list of articles of interest for your review before you start the rotation.

Clinical Endocrinology and Metabolism

MED E 7 | 4th Year Selective | Internal Medicine | Clinical Science

Prerequisites

4th year medical students

Course Description

Previous information: Hands-on experience in diagnosing and treating patients with endocrine diseases. Supervision by attendings, fellows and residents on the
Adult Endocrine consult and clinic services. The consultation service responds to referrals from both the VA and Shands hospitals and emphasizes teaching, both within the consult team and also directed toward the referring team. Students are given the opportunity to see patients in various specialty clinics. Students experience a wide range of illnesses in these clinics (Diabetes, Lipid, Osteoporosis, Pituitary Tumors, Thyroid) and get exposure to thyroid ultrasound. Weekly clinical conferences include, presentation of great cases and student presentations on clinically inspired topics.

Course Faculty and Staff:

Course Director(s): Kenneth Cusi MD
Course Staff: Karen Brezner

Meeting Place and Time

At 8:30 a.m. CLINIC LOCATION: Medical Plaza Building, 3rd floor IMMS Clinic

Course Materials

Consults daily with scheduled outpatient clinics and/or in-patient consult service (5 days per week). Assigned readings.

Additional Information

Endocrinology Out-Patient clinic is located on the 3rd floor of the Medical Plaza Bldg., except for the Pituitary Clinic which is held on Fridays pm in the Neurosurgical Clinic (on the 1st Floor of the main hospital building just beside Shands Atrium and the outpatient lab and pharmacy

Clinical Endocrinology, Diabetes and Metabolism-Jacksonville

MED E 10J | 4th Year Selective | Internal Medicine | Clinical Science

Prerequisites

4th year medical students

Course Description

The Clinical Endocrinology, Diabetes and Metabolism Clerkship provides hands-on experience in the evaluation and treatment of patients with endocrine or metabolic diseases. History and physical examination are emphasized during this clerkship. Endocrinology faculty, fellows and core program residents on the Adult Endocrine consult and clinic services supervise clerks. The consultation service evaluates referrals from the Shands Jacksonville Medical Center. Students are given the opportunity to evaluate patients in the endocrinology clinics. Students learn from a wide variety of patients presenting with diabetes mellitus, lipid disorders, pituitary pathology, thyroid disease and metabolic bone disease. Clerks are exposed to thyroid ultrasound and thyroid fine needle aspiration. Weekly clinical conferences include presentation of clinical cases and student presentations on clinically inspired topics. Additional conferences include
endocrinology core lectures and journal clubs.

Course Faculty and Staff:

Course Director(s): Kent Wehmeier MD  
Other Faculty: Mae Sheikh-Ali MD, Joe Chehade MD, Emad Naem MD  
Course Staff: Melissa Godley, Kelsey Kyne

Meeting Place and Time

Please contact Dr. Kent Wehmeier 904-244-3702 prior to the start of the rotation. Dr. Wehmeier’s email address is kent.wehmeier@jax.ufl.edu Additional questions, please call Melissa Godley, program assistant at 904-244-3702.

Course Materials

Consults daily with scheduled out-patient clinics and/or in-patient consult service (5 days per week). Textbook available online Lange’s Endocrinology or William’s Textbook of Endocrinology.

Additional Information

For the first day: Meeting with the program assistant in the Endocrine Division second floor of the Learning Resources Center at 8:00 a.m. to review the schedule of activities. Clinic location: Emerson Medical Plaza Building A, Suite 200, 4555 Emerson Street. Jacksonville, FL 32207 about 10 minutes from the Endocrine Division Office.

Clinical Gastroenterology

MED E 2 | 4th Year Selective | Internal Medicine | Clinical Science

Course Description

This course will provide an introduction to an understanding of common digestive and liver diseases including pathophysiology, diagnosis and treatment. The course will include inpatient consultation, outpatient clinics, and a thrice weekly lecture series.

Course Faculty and Staff:

Course Director(s): Christopher Forsmark MD  
Course Staff: Deanna Cardwell

Meeting Place and Time

Division of Gastroenterology, Human Development Building, 6th Floor, 8:00am every morning.

Course Materials

Appropriate references and handouts provided by the faculty and fellows within
Clinical Hematology

MED E 18 | 4th Year Selective | Internal Medicine | Clinical Science

Prerequisites

Fourth Year Medical Student

Course Description

Goal of the course: To understand the approach to patients with hematological problems including red cell disorders, hemostasis and thrombosis, cytopenias, and primary bone marrow disorders. Anticoagulation and perioperative management of hematologic issues will also be an emphasis. The student will be a team member of the Shands-UF Hematology inpatient consult service and see patients with attending physicians in the Hematology outpatient clinics. Activities will include weekly Hematology case conferences and other Hem/Onc teaching conferences.

Course Faculty and Staff:

Course Director(s): Marc Zumberg MD

Meeting Place and Time

To be arranged with the consult fellow or attending. Please alert us to your rotation at least one week prior so we can plan an optimal experience for the student. E-mail Dr. zumberg at zumbems@medicine.ufl.edu. The rotation will start at 8:30 am on the

Course Materials

MEDLINE, web-based resources, clinical guidelines, and additional references including relevant textbook material provided by the faculty. Evidence-based approaches will be emphasized.

Additional Information

We welcome and encourage your participation in this elective. The amount of inpatient vs. outpatient experience can be negotiated based on the specific interests of the students.

Clinical Hematology/Oncology

MED E 6 | 4th Year Selective | Internal Medicine | Clinical Science
Prerequisites

Fourth Year Medical Student

Course Description

Students will work with a diverse faculty to learn the basic and applied principles for the care of patients with cancer and blood disorders. This is primarily an outpatient clinic rotation, however some inpatient time, if desired by the student, may be negotiated.

Course Faculty and Staff:

Course Director(s): Merry-Jennifer Markham MD

Meeting Place and Time

Email Dr. Markham (merry.markham@medicine.ufl.edu) one week prior to the rotation’s start to confirm. The course begins on Monday at 8am in the Davis Cancer Center (Medical Plaza), second floor Hematology & Oncology Clinic, or at a day/time worked out

Course Materials

MEDLINE, HSC Library resources, web-based resources, clinical guidelines, and additional references including relevant textbook material provided by the faculty. Evidence-based approaches will be emphasized.

Additional Information

A weekly schedule will be provided to the student at the start of the rotation. This will outline clinic experiences and conference attendance which will be expected during the rotation.

Critical Care Externship - Jacksonville

MED E 4J | 4th Year Selective | Internal Medicine | Clinical Science

Prerequisites

Must be in 4th year of training and have completed core 3rd year rotations. Note that in-house call is expected on every 4th night.

Course Description

NA

Course Faculty and Staff:

Course Director(s): James Cury MD
Course Co-Director(s): Adil Shujaat MD, Nauman Chaudary MD
Other Faculty Frank Genuardi MD, MPH, Irene Alexandraki MD
Meeting Place and Time

0600 on first day of rotation in Medical ICU; 7th floor; Shands Jacksonville. Report to Senior Resident on call from the previous night.

Course Materials

Orientation Disc; Recommended; Washington Manual; Critical Care Handbook (either Drs. Marik or Marino)

Critical Care Senior Clerkship/VAMC

MED E 17 | 4th Year Selective | Internal Medicine | Clinical Science

Prerequisites

Fourth Year Medical Student

Course Description

The VAMC MICU/CCU is a 12-bed unit specializing in the care of critically ill patients from a wide spectrum of medical and cardiac etiologies. Conditions cared for in the MICU/CCU include but are not limited to: sepsis, acute hypoxemia, acute respiratory distress syndrome, acid-base imbalances, GI bleeds, acute myocardial infarctions, cardiogenic shock, and cardiac, liver, and renal failure. The unit is staffed by a Cardiology and Pulmonary/Critical Care Attending, Cardiology and Pulmonary Fellow, and four Internal Medicine Residents. Overnight call for the extern is optional and there is one day off each week. The externs work closely with the attendings, fellows, and residents during this rotation, and have the opportunity to attend codes and perform basic procedures such as arterial puncture, lumbar puncture, abdominal paracentesis, thoracentesis, arthrocentesis, and nasogastric intubation. They may also learn/participate in procedures such as placement of central venous lines and arterial lines under the direct supervision of the attending, fellow, or residents. Patients seen in the VAMC MICU/CCU rotation include patients admitted to the MICU/CCU from the ER, patients transferred from an internal medicine service, and patients transferred to the VAMC MICU/CCU from outside hospitals.

Course Faculty and Staff:

Course Director(s): L. Chad Hood MD

Meeting Place and Time

VAMC MICU/CCU on the third floor at 8:00 AM daily

Course Materials

VAMC MICU Syllabus with important articles on ICU care, optional lecture materials, and Invasive Procedure Videos with accompanying article, PowerPoint
presentation, and procedural cognitive competency tests.

Additional Information

Please contact Alex Seamon via e-mail (Alex.Seamon@medicine.ufl.edu) if you have questions about the course. NOTE: Students who participate in rotations at the VA are required to complete VA HIPAA - Contact Wandra Haywood - 376-1611, ext 5108 or email wandra.haywood@va.gov.

Curing Our Health Care Delivery System

MED E 35 | 4th Year Selective | Internal Medicine | Basic Science

Prerequisites

UF COM 4th year student

Course Description

This is a 4-week, 4 credit course. Experts suggest that 20-30% of resources devoted to health care delivery represent waste. We will develop strategies for reducing waste due to 1) dysfunctional systems, 2) errors, 3) lack of teamwork, 4) poor or absent leadership, and 5) maladaptive cultural norms. Each class meeting will consist of a series of summary slides and interactive questions related to the assigned topic. Students will problem solve in class and discuss their strategies for changing the status quo. Class attendance will be mandatory. Written exercises related to each topic will be due the night before each class to allow me to adjust the content of our discussions based on student pre-class understanding. In addition students will work with Dr. Southwick and Randy Harmatz (Chief Quality Officer for UF&Shands) to select a quality project and complete this project during the month. This will allow students to actively improve patient care in our system and to directly apply their knowledge of systems and quality improvement. Learning outcomes; the student will be able to Explain the power of manufacturing systems and athletic principles to improve the quality, safety and efficiency of health care delivery Explain how medical errors occur, and acquire the skills to determine the root causes of a specific error. Create protocols that prevent errors, and determine if a specific intervention has the intended effects. Organize and work effectively within multidisciplinary medical teams. Describe the characteristics of an effective leader including encouraging distributive leadership and leading adaptive change within our health systems Be able to apply effective organizing strategies and tactics to bring about cultural changes within health systems that will encourage the adoption of quality measures and a focus on our patients.

Course Faculty and Staff:

Course Director(s): Frederick Southwick MD

Meeting Place and Time

TBA
Infectious Disease Consult Service - Jacksonville

MED E 7J | 4th Year Selective | Internal Medicine | Clinical Science

Course Description

The Infectious Diseases Consult Service provides students with an introduction to this challenging and expanding area of medicine. Direct clinical experience is provided in hospital inpatient consultation, outpatient consultation, care of patients with HIV and AIDS, and hospital epidemiology. Students function as members of the consult team, evaluating and participating in the care of patients on all adult services, including surgery, obstetrics and gynecology, and critical care. The syndrome approach to the diagnosis of infectious diseases is emphasized, and students participate in didactic sessions which review common infectious disease syndromes and topics.

Course Faculty and Staff:

Course Director(s): Nilmarie Guzman MD
Other Faculty: Michael Sands MD, Christina Bailey MD, Frank Genuardi MD, MPH, Irene Alexandraki MD
Course Staff: Nancy Culpepper, Kelsey Kyne

Meeting Place and Time

Please contact Dr. Nilmarie Guzman pager # 904-393-6381 or 904-253-1336 before rotation begins for meeting time and place. ID fellows should be contacted as well. For any questions please call our program assistant Nancy Culpepper at 904-253-1314

Course Materials

Handouts on the syndrome approach to infectious diseases consultation

Infectious Diseases

MED E 9 | 4th Year Selective | Internal Medicine | Clinical Science

Prerequisites

4th Year Medical Student
Course Description

Students will participate on the inpatient consultation service to provide first hand patient contact and apply their knowledge. (They will be allowed to leave by 5PM and have no weekend call). There will be a weekly ID lecture as well as weekly patient management conference where challenging infectious disease cases will be discussed. In addition there are 12 interactive teaching sessions to help students do well on their national boards (Infectious Diseases represents 20% of the 3rd part of National Boards). Interactive tutorials covering each of the major Chapters in "Infectious Diseases in 30 days", McGraw-Hill. This book is designed to be read in 30 days, the duration of the elective. This elective is strongly recommended for students going into medicine, surgery, obstetrics & gynecology, pediatrics, and family medicine.

Course Faculty and Staff:

Course Director(s): Shehla Islam MD
Course Staff: Christie Little

Meeting Place and Time

Academic Research Building, Rm. R2-124, 8:30am (first day).

Course Materials

A complementary copy of "Infectious Diseases A Clinical Short Course" McGraw-Hill will be provided.

Additional Information

Classes offered: 12 hour interactive tutorial with an ID Faculty member covering the key points in "Infectious Diseases in 30 Days".

Interdisciplinary Service - Learning in Action

MED E 27 | 4th Year Selective | Internal Medicine | Basic Science

Prerequisites

UF COM 4th year medical student

Course Description

The Interdisciplinary Service-Learning In Action course is designed to promote the health and overall well-being of medically underserved and low-income individuals through service provision; cooperative learning; and collective action among community and professional students; volunteers; and participants. Students will rotate among local primary care and social services clinical sites that serve the target population offering medical care/screening; health education; social services information; and will help with provisions for delivery to the homeless. Locations for service delivery may include the GCM Clinic; Migrant Programs; Eastside Community Practice; Equal Access clinic; Helping Hands Clinic;
Acorn Clinic; We Care; and the Home Van project. Students will gain a “perspectives workout” to help them to be more aware and open to various perspectives, including gender; culture; class; ethnicity; racial or religious identity; age; professional background...each helps to shape a person's experience of the world.

Course Faculty and Staff:

Course Director(s): Gina Murray

Meeting Place and Time

Mondays 10:00 am to 11:00 am /Program for Interdisciplinary Education Health Science Center Room# H-5

Course Materials


Internal Medicine Consult Service

MED E 24 | 4th Year Selective | Internal Medicine | Clinical Science

Prerequisites

Successful completion of the Internal Medicine MS-3 Clerkship

Course Description

COURSE GOALS: Learn how to perform effective, evidence-based internal medicine consultation. Gain practical experience in the evaluation and management of a variety of common medical problems such as: anemia, Leukocytosis, thrombocytopenia, fever, dyspnea, chest pain, edema, electrolyte imbalances, oliguria, abdominal pain, delirium, and jaundice. Learn how to perform a preoperative medical evaluation in surgical patients. Learn how to communicate effectively and establish professional relationships as a consultant with patients, families, nursing staff and medical colleagues from non-internal medicine services. Recognize appropriate indications and assist with transfer of patients to appropriate internal medicine inpatient services when warranted.

Course Faculty and Staff:

Course Director(s): Eric Rosenberg MD, MSPH
Course Staff: Jenika Christmas

Meeting Place and Time

Monday-Friday; 8:00 am - 5:00 pm Internal Medicine Division Office and Shands Medical/Surgical Units Call 352-265-0651 for specific details.

Course Materials
Interview Month

INT | 4th Year Selective | Internal Medicine | Unknown Science

Course Description

This selection should be scheduled during the month in which students plan to complete the bulk of their residency interviews. The authorized months for interview are: October, November, December or January.

Course Faculty and Staff:

Course Director(s):

Meeting Place and Time

NA

Learning to See: Art and Humanism in Medicine

MED E 34 | 4th Year Selective | Internal Medicine | Basic Science

Prerequisites

4th year UF medical student

Course Description

This elective is team taught by College of Medicine, Arts-in-medicine and visiting faculty, and is an intensive introduction to arts in medicine, especially the way in which improving observation skills can help foster better patient care. In addition to an overall introduction to arts in medicine and humanism in medicine, it will use trips to the Harn Museum of Art, focus on natural history and other observation techniques, to help 4th year students improve bedside care of patients.

Course Faculty and Staff:

Course Director(s): Paulette Hahn MD
Course Co-Director(s): Robert Lawrence MD, Nina Stoyan-Rosenzweig

Meeting Place and Time

TBA Please e-mail Paulette Hahn, MD at hahnpc@medicine.ufl.edu
Course Materials

This course is offered in conjunction with the Arts in Medicine summer intensive—see http://www.arts.ufl.edu/CAHRE/summerintensive.asp The Arts in Medicine Summer Intensive July 9 - 20, 2012

Medicine - Clinical Independent Study

MED CIS | 4th Year Selective | Internal Medicine | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a unique clinical experience with a particular faculty member within the Department of Medicine at the University of Florida College of Medicine. Students must submit a Clinical Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student.

Course Faculty and Staff:

Course Director(s): 
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD 
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Additional Information

TBA

Medicine - Externship

MED EXT | 4th Year Selective | Internal Medicine | Clinical Science

Prerequisites
UF 4th year medical student

Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville within the Department of Medicine. Students should complete the paperwork required from the institution where the rotation is requested and the “in-house” Externship Application at UF.

Course Faculty and Staff:

Course Director(s):

Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Medicine - Independent Study

MED IS | 4th Year Selective | Internal Medicine | Basic Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Medicine at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s):

Course Co-Director(s): Maureen Novak MD, Patrick Duff MD

Course Staff: Amy Roberson

Meeting Place and Time

TBA
Nephrology Consult Service - Jacksonville

MED E 6J | 4th Year Selective | Internal Medicine | Clinical Science

Prerequisites

4th year medical student

Course Description

NA

Course Faculty and Staff:

Course Director(s): Charles Heilig MD
Other Faculty Frank Genuardi MD, MPH
Course Staff: Donna Best, Kelsey Kyne

Meeting Place and Time

2nd floor LRC (Elan Mastin) at 0830 on first day of rotation.

Course Materials

Comprehensive Syllabus and handouts provided. Recommended text; Schrier's "Renal and Electrolyte Disorders" Primer in Kidney Disease : Greenberg, Cheung: NKF Academic press.

Nephrology: Clinical Consult Service

MED E 1 | 4th Year Selective | Internal Medicine | Clinical Science

Prerequisites

4th year medical students

Course Description

This course will provide: 1. In-depth analysis and comprehensive teaching of fluid and electrolyte, and acid-based disorders. 2. Daily teaching by Division of Nephrology fellows and faculty. 3. Practical experience in the evaluation and treatment of inpatients with acute and chronic renal failure, hypertension, proteinuria and the nephrotic syndrome, fluid and electrolyte disturbances, and renal parenchymal disease. 4. Inpatient management of patients requiring acute or
chronic hemodialysis, hemofiltration, acute peritoneal dialysis, and continuous ambulatory peritoneal dialysis. The opportunity to observe and assist with invasive procedures, including percutaneous renal biopsy and internal jugular and femoral catheter placement. Outpatient experience in the management of patients with all forms of hypertension, chronic renal failure, fluid and electrolyte disturbances, systemic diseases with renal involvement, and the nephrotic syndrome.

**Course Faculty and Staff:**

Course Director(s): Mark Segal MD  
Course Staff: Jamie Sims

**Meeting Place and Time**

Students should report to the Nephrology Office; CG-98; 9:30 AM on first day of rotation. No need to contact the Course Director before first day of rotation.

**Course Materials**

Handout and text book will be provided.

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**Patient Safety: Legal Aspects of the Healthcare Professional-Patient Relationship**

**MED E 32 | 4th Year Selective | Internal Medicine | Basic Science**

**Prerequisites**

4th year medical student. This is a 4-week, 2-credit hour elective. Class occurs each Tuesday evening. Students can take another daytime clinical elective during the same time period.

**Course Description**

Students will learn alongside UF Law Students about the legal and ethical aspects of the complicated healthcare professional-patient relationship. Gain appreciation for legal, medical, and ethical considerations at work daily among healthcare professionals and patients confronting life and death decisions such as physician assisted death, the right to forgo treatment, the right to die of patients with or without the requisite decisional capacity and how the law assists healthcare professionals when disputes arise among family members. Learn how the legal and medical professions can work together to ensure patient safety. Utilize logical reasoning skills to debate opposing sides of controversial legal issues with students and faculty.

**Course Faculty and Staff:**

Course Director(s):  
Course Co-Director(s): Randall Jenkins Esq., Eric Rosenberg MD, MSPH
**Meeting Place and Time**

Room 270 Holland Hall, UF Law School Tues. 5-7:50pm

**Course Materials**

A course packet of readings will be provided.

**Additional Information**

NOTE- This is a 4 week/2 credit course Attendance and Participation: Each class meeting will consist of discussion about the assigned topic, the readings and student opinions. We expect medical students to engage in discussion and debate with their fellow law and business school students. Therefore, it is mandatory that you attend class. Quality participation is demonstrated through contributions to the learning experience of other members of the class. There is ample opportunity for discussion of reading assignments and lecture materials.

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**Pulmonary Medicine**

**MED E 5 | 4th Year Selective | Internal Medicine | Clinical Science**

**Prerequisites**

4th year medical student

**Course Description**

Promote an understanding of clinical pulmonary physiology through the interpretation of pulmonary function testing. Learn the evaluation and management of chronic obstructive pulmonary disease, asthma, lung masses, interstitial lung disease and sleep disorders Be exposed to an overview of pulmonary diseases, i.e., tuberculosis and occupational lung disease. Students will rotate with the Pulmonary consult service. Students are expected to do consults on their own and present these consults to the rest of the team for discussion. Students are also expected to follow their patients and report appropriate updates on the case. In the afternoon students will have the option to follow the attending on service to their clinic to be expose to outpatient management of pulmonary diseases.

**Course Faculty and Staff:**

Course Director(s): Jorge Lascano MD

Other Faculty: Michael Jantz MD, Hassan Alnuaimat MD, Irahim Faruqui MD

Course Staff: Jon Coffey

**Meeting Place and Time**

Contact Jon Coffey prior to the start of the rotation 352-273-8667 or via email jon.coffey@medicine.ufl.edu. The meeting place will be in M452 at 9 am in the HSC for the first morning of the rotation.
Articles of interest. COPD 1.
http://www.annals.org/content/143/5/317.full.pdf+html A large multi-center RCT of VA patients with moderate to severe COPD (mean baseline FEV1 36%) found tiotropium reduced the proportion of patients with 1 or more exacerbations during 6 months of treatment vs. placebo (27.9 % vs. 32.3 %). These results support using tiotropium in COPD patients with moderate to severe obstruction and frequent exacerbations. 2. http://www.nejm.org/doi/pdf/10.1056/NEJMoa021322 This study found a combination of BMI, FEV1, modified MRC dyspnea scale, and 6-minute walk (i.e. the BODE index) was a better predictor of mortality than FEV1 alone. The BODE index may prove to be a better guide than FEV1 for assessing the efficacy of new treatments and adjusting the aggressiveness of therapy. 3.
http://www.nejm.org/doi/pdf/10.1056/NEJM200012283432601 The TORCH study randomized over 6,000 patients with baseline FEV1 < 60% predicted to placebo vs. salmeterol alone vs. fluticasone alone vs. a combination of salmeterol and fluticasone over 3 years. Compared to placebo, patients receiving combination therapy had a 0.9% annual reduction in mortality (p = .052). Use of salmeterol, fluticasone, or a combination of the 2 reduced the frequency of exacerbations, but p was >.10 for all 3 for reducing risk of COPD-related death. All-cause mortality and COPD-related death were lower with combination therapy than fluticasone alone (p = .007 and .008, respectively). 4.

http://www.nejm.org/doi/pdf/10.1056/NEJM199906243402502 Multicenter, double blind, placebo-controlled study found modest benefit to use of high-dose intravenous steroids. Steroid group had fewer treatment failures (combined endpoint of death, need for intubation, readmission, or intensification of pharmacologic therapy), and shorter hospital stays, but the primary benefit was in decreasing the need to intensify therapy with use of open-label steroids. No benefit from steroids was present at 6 months of f/u, and 2 week and 8 week courses were equally effective. ASTHMA 1.
http://www.nejm.org/doi/pdf/10.1056/NEJMoa042552 RCT of 466 patients of 6 months duration found PRN use of a single inhaler combination of beclomethasone and albuterol resulted in better peak flows and fewer exacerbations compared to PRN use of albuterol alone, as well as comparable peak flows, exacerbation rate, lung function, and symptoms to regular twice daily use of beclomethasone. The PRN beclomethasone group on average used < 125 mcg/day compared to 500 mcg/day in the regular twice daily groups. 2.
http://www.nejm.org/doi/pdf/10.1056/NEJMoa042552 A year-long RCT of 225 adults with mild persistent asthma compared prn inhaled corticosteroids based upon symptom-based action plan vs. daily treatment with ICS vs. daily leukotriene inhibitor and found no difference in morning peak expiratory flow and the rate of asthma exacerbations despite the prn corticosteroid group using an average of only 0.5 week of steroid per year. The ICS group had superior asthma control scores and lower markers of airway inflammation. Some attribute this relatively modest benefit of regular ICS use to the lower exacerbation rate in this study compared to its predecessors, which speaks to the challenge of identifying mild persistent asthmatics. 3. http://ajrccm.atsjournals.org/cgi/reprint/171/2/129 This study included 2,760 asthmatics with a history of at least one exacerbation in the previous year and regular need for rescue bronchodilators despite baseline use of, on average, moderate doses of inhaled corticosteroid. Patients randomized to budesonide/formoterol (80/4.5) bid and prn had prolonged time to exacerbations requiring medical intervention compared to combination therapy with terbutaline prn or higher dose steroid (budesonide 320 bid) plus terbutaline prn. Subsequent RCTs have also shown favorable outcomes with this approach. 4.
Review summarizes several large RCTs studying the role of anti-IgE antibody in allergic asthma. The use of anti-IgE is associated with decreased frequency of exacerbations, reductions in corticosteroid dose, and improved quality of life in symptomatic patients with moderate to severe allergic asthma CAP 1. http://jama.ama-assn.org/cgi/reprint/302/10/1059 359 patients with lower respiratory tract infections in 6 Swiss academic hospitals were randomized to a treatment algorithm based on procalcitonin (PCT) levels or to treatment based on current evidence based guidelines. PCT-guided therapy reduced total antibiotic exposure without any change in adverse outcomes. Controversy exists regarding the unusually high prevalence of “severe” pneumonia by PSI score, and that reduction in exposure was primarily due to reduced duration of antibiotics rather than avoidance. Lung Nodule/Lung Ca 1.


http://chestjournal.chestpubs.org/content/132/3_suppl/108S.full.pdf+html Guideline for how best to work up the incidental nodule(s) that nicely distills the large number of trials on this topic. PERIOPERATIVE PULM ASSESSMENT 1.

http://chestjournal.chestpubs.org/content/132/3_suppl/161S.full.pdf+html Updated summary of the use of PFTs, split function tests, and cardiopulmonary exercise tests in the assessment of lung resection candidates. 2. http://jama.ama-assn.org/cgi/reprint/293/5/589 Multi-center,unblinded RCT with concealed allocation on 209 consecutive patients who developed severe hypoxemia after major elective abdominal surgery. Patients received oxygen vs. oxygen plus CPAP. Use of CPAP resulted in lower intubation rates, lower risk of pneumonia and sepsis, and shortened ICU stays. PE 1.

http://www.annals.org/content/135/2/98.full.pdf+html Large prospective cohort study using the SimpliRED d-dimer assay (which has sensitivity lower than, and specificity higher than, some other d-dimer tests) found the combination of a low clinical suspicion for PE and a negative d-dimer safely ruled out pulmonary embolism without additional testing. PFT’s 1.

http://erj.ersjournals.com/cgi/reprint/26/3/511 An excellent comprehensive review of reference equations, types of ventilatory defects, PFT and DLCO interpretation, severity classifications, bronchodilator response thresholds, central and upper airway processes, and interpretation of changes in pulmonary function. PULM HYPERTENSION 1. http://ajrccm.atsjournals.org/cgi/reprint/179/7/615 This prospective study of 65 patients undergoing right-heart catheterization for the diagnosis or management of pulmonary hypertension. Echo over or underestimated pulmonary artery pressure by > 10 mm Hg 52% of the time. The majority of patients had pulmonary arterial hypertension (WHO Group 1). 2.

http://circ.ahajournals.org/cgi/reprint/119/16/2250 his document is noteworthy for containing the latest consensus statement on the classification, evaluation, treatment, and monitoring of patients with pulmonary hypertension.

Additional Information

A list of articles of interest will be email to you for your review before the course starts.
Pulmonary Medicine - Jacksonville

MED E 3J | 4th Year Selective | Internal Medicine | Clinical Science

Prerequisites

4th year medical student

Course Description

This elective involves rounding on the inpatient Pulmonary Medicine consult service with the attending physician and housestaff that are usually assigned to the service. It includes one half day in the outpatient clinic and one half day on the consult service. Usually a broad array of both common and uncommon disease states are discussed.

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): James Cury MD
Other Faculty Frank Genuardi MD, MPH, Irene Alexandraki MD
Course Staff: Lorraine Sims, Kelsey Kyne, Linda Suydam

Meeting Place and Time

Pulmonary/Critical Care Office; Shands Jacksonville; 9:00 AM on first day of rotation

Course Materials

TBA

Req. Medicine - VA

MED R 2 | 4th Year Required | Internal Medicine | Clinical Science

Prerequisites

Satisfactory completion of third year Medical Clerkship - 4th year UF medical student

Course Description

The subinternship in Medicine emphasizes building on skills learned in the third year with an emphasis on management of patients, disease processes, and time. Cross cover and training in the management of common medical emergencies encountered during an internship are key experiences. Acting interns are given essentially the same responsibility as interns with additional oversight by a resident.

Course Faculty and Staff:
Meeting Place and Time

Students will meet on their assigned wards at 8:00am on the first day of the rotation (Monday). Students will be contacted by email regarding the time and place for orientation with Dr. Harrell on the first Monday of the rotation.

Course Materials

Please refer to the 4th Year link on our Clerkship website at: www.medicine.ufl.edu/3rd_year_clerkship

Required General Medicine - Jacksonville

MED R 1J | 4th Year Required | Internal Medicine | Clinical Science

Prerequisites

4th year UF medical student

Course Description

Students will be involved in inpatient care while on the General Medicine service. They will serve on the medical wards as acting interns (externs) under the supervision of residents and attending physicians from the Department of Medicine. Objectives of the externship are to learn to perform a thorough patient evaluation, formulate an extensive differential diagnosis, effectively utilize consultative services, perform diagnostic procedures and implement a therapeutic regimen for the patients under their care.

Course Faculty and Staff:

Course Director(s): Irene Alexandraki MD
Course Co-Director(s): Carlos Palacio MD
Other Faculty Frank Genuardi MD, MPH
Course Staff: Kelsey Kyne, Jennifer Hamilton, Kathy Pipkins, Joseph Underwood

Meeting Place and Time

LRC 4th Floor, GME Office (8:00 AM)

Course Materials

Comprehensive textbook in Internal Medicine; Online access to library database resources.
Required Medicine - Shands/Cardiology

MED R 1C | 4th Year Required | Internal Medicine | Clinical Science

Prerequisites

Satisfactory completion of third year Medicine Clerkship - 4th year UF medical student

Course Description

Develop ability to function as an acting intern which incorporates assessment and management of general medical problems. Develop ability to work as a member of the health care team to provide patient care.

Course Faculty and Staff:

Course Director(s): L. Chad Hood MD
Course Staff: Kathy Pipkins

Meeting Place and Time

Students will meet their teams for rounds at 8AM on the first day of the rotation. Students will be contacted by email regarding the time and place for orientation with Dr. Harrell on the first Monday of the rotation.

Course Materials

Please refer to the 4th Year link on our Clerkship website at: www.medicine.ufl.edu/3rd_year_clerkship

Additional Information

METHODS OF EVALUATION: Attending and resident submit a written evaluation of the student's performance at the end of the four week period. Students will be evaluated based on their performance as acting interns. The basis of the evaluation will be interaction with patients, medical knowledge, clinical judgment, quality of medical histories and physical examinations, humanistic qualities, professional attitudes and behavior, and demonstrated ethical standards. An unsatisfactory evaluation can result from failure to meet an acceptable norm in any of these areas.

Required Medicine - Shands/General Hospitalist Service

MED R 1GM | 4th Year Required | Internal Medicine | Clinical Science

Prerequisites

Satisfactory completion of third year Medicine Clerkship - 4th year UF medical student

Course Description
The subinternship in Medicine emphasizes building on skills learned in the third year with an emphasis on management of patients, disease processes, and time. Cross cover and training in the management of common medical emergencies encountered during an internship are key experiences. Acting interns are given essentially the same responsibility as interns with additional oversight by a resident. The hospitalist (Green Medicine) service is comprised of two faculty hospitalists who rotate one week on and one week off and two residents. There are no interns and rounds are less structured which allows particularly motivated students more autonomy and the ability to function as the intern for the team.

Course Faculty and Staff:

Course Director(s): L. Chad Hood MD
Course Staff: Kathy Pipkins

Meeting Place and Time

Students will meet their teams for rounds at 8AM on the first day of the rotation. Students will be contacted by email regarding the time and place for orientation with Dr. Harrell on the first Monday of the rotation.

Course Materials

Please refer to the 4th Year link on our Clerkship website at: 
www.medicine.ufl.edu/3rd_year_clerkship

Required Medicine - Shands/General Service

MED R 1 | 4th Year Required | Internal Medicine | Clinical Science

Prerequisites

Satisfactory completion of third year Medicine Clerkship - 4th year UF medical student

Course Description

The subinternship in Medicine emphasizes building on skills learned in the third year with an emphasis on management of patients, disease processes, and time. Cross cover and training in the management of common medical emergencies encountered during an internship are key experiences. Acting interns are given essentially the same responsibility as interns with additional oversight by a resident.

Course Faculty and Staff:

Course Director(s): L. Chad Hood MD
Course Staff: Kathy Pipkins

Meeting Place and Time

Students will meet their teams for rounds at 8AM on the first day of the rotation.
Students will be contacted by email regarding the time and place for orientation with Dr. Harrell on the first Monday of the rotation.

Course Materials

Please refer to the 4th Year link on our Clerkship website at: www.medicine.ufl.edu/3rd_year_clerkship

Required Medicine - Shands/GI

MED R 1G | 4th Year Required | Internal Medicine | Clinical Science

Prerequisites

Satisfactory completion of third year Medicine Clerkship - 4th year UF medical student

Course Description

The subinternship in Medicine emphasizes building on skills learned in the third year with an emphasis on management of patients, disease processes, and time. Cross cover and training in the management of common medical emergencies encountered during an internship are key experiences. Acting interns are given essentially the same responsibility as interns with additional oversight by a resident.

Course Faculty and Staff:

Course Director(s): L. Chad Hood MD  
Course Staff: Kathy Pipkins

Meeting Place and Time

Students will meet their teams for rounds at 8AM on the first day of the rotation. Students will be contacted by email regarding the time and place for orientation with Dr. Harrell on the first Monday of the rotation.

Course Materials

Please refer to the 4th Year link on our Clerkship website at: www.medicine.ufl.edu/3rd_year_clerkship

Additional Information

METHODS OF EVALUATION: Attending and resident submit a written evaluation of the student’s performance at the end of the four week period. Students will be evaluated based on their performance as acting interns. The basis of the evaluation will be interaction with patients, medical knowledge, clinical judgement, quality of medical histories and physical examinations, humanistic qualities, professional attitudes and behavior, and demonstrated ethical standards. An unsatisfactory evaluation can result from failure to meet an acceptable norm in any of these areas.
Required Medicine - Shands/Hematology Oncology

MED R 1H | 4th Year Required | Internal Medicine | Clinical Science

Prerequisites

Satisfactory completion of third year Medicine Clerkship - 4th year UF medical student

Course Description

The subinternship in Medicine emphasizes building on skills learned in the third year with an emphasis on management of patients, disease processes, and time. Cross cover and training in the management of common medical emergencies encountered during an internship are key experiences. Acting interns are given essentially the same responsibility as interns with additional oversight by a resident.

Course Faculty and Staff:

Course Director(s): L. Chad Hood MD
Course Staff: Kathy Pipkins

Meeting Place and Time

Students will meet their teams for rounds at 8AM on the first day of the rotation. Students will be contacted by email regarding the time and place for orientation with Dr. Harrell on the first Monday of the rotation.

Course Materials

Please refer to the 4th Year link on our Clerkship website at:
www.medicine.ufl.edu/3rd_year_clerkship

Additional Information

METHODS OF EVALUATION: Attending and resident submit a written evaluation of the student's performance at the end of the four week period. Students will be evaluated based on their performance as acting interns. The basis of the evaluation will be interaction with patients, medical knowledge, clinical judgement, quality of medical histories and physical examinations, humanistic qualities, professional attitudes and behavior, and demonstrated ethical standards. An unsatisfactory evaluation can result from failure to meet an acceptable norm in any of these areas.

Rheumatology and Clinical Immunology

MED E 8 | 4th Year Selective | Internal Medicine | Clinical Science

Prerequisites
Completion of Internal Medicine Core Rotation

Course Description

The student will be exposed to clinical rheumatology in both the inpatient and the outpatient setting; with an emphasis on the latter. Most of the interactions occur in the clinic with direct one-on-one teaching. Students will typically see patients by themselves and present to faculty. Didactic learning experiences are available and include a monthly musculoskeletal radiology conference monthly; a weekly clinical conference; a weekly research conference and a monthly research journal clubs. In addition; the student may attend learning sessions with the fellows; and can round with the inpatient service. The rotation utilizes clinical resources at both Shands at UF and the VA Hospital.

Course Faculty and Staff:

Course Director(s): Eric Sobel MD, Minoru Satoh

Other Faculty: N. Lawrence Edwards MD, Westley Reeves, Paulette Hahn MD, Roland Staud, Michael Bubb MD

Course Staff: Tiffany Morris

Meeting Place and Time

Meet at Division of Rheumatology office on the first day of the rotation at 8 am Room D2-39 in the Dental School.

Course Materials

Primer on the Rheumatic Diseases

Additional Information

Non-UF students applying for this rotation must also submit a current CV along with the required application materials.

The Art and Scholarship of Physical Diagnosis; Advanced Physical Diagnosis and Clinical Reasoning

MED E 29 | 4th Year Selective | Internal Medicine | Clinical Science

Prerequisites

4th year medical student

Course Description

The rapid expanse of technology in medicine has diluted the practice of diagnosis at the bedside. The emphasis of this course will be to refine observational skills, advanced physical diagnosis techniques, synthesis of findings from the physical exam and the clinical reasoning pathway ultimately to enhance your skills as a diagnostician. You will interact closely with expert clinicians in further refining
your physical diagnosis and clinical reasoning / judgement skills. Learning activities will include bedside teaching rounds, observation exercises, independent study and interactive discussion. You will share your expertise while leading MS 3 physical findings rounds.

Course Faculty and Staff:

Course Director(s): Paulette Hahn MD

Meeting Place and Time

TBA: Please contact Dr. Hahn by e-mail prior to the course for information regarding meeting time and place. e-mail: hahnpc@medicine.ufl.edu The course will meet daily for two weeks.

Course Materials

Recommended texts: Sapira's Art & Science of Bedside Diagnosis by Jane M. Orient and Symptom to Diagnosis: An Evidence-Based Guide by Scott D. C. Stern, Adam S. Cifu, Diane Altkorn These texts and others will be on reserve in the Rheumatology office for your use during the course.

Additional Information

You are encouraged to review the basic physical exam prior to starting this elective. Grading: Pass / Fail

3rd Year Neurology/Geriatrics Makeup

3 NEUR | 4th Year Selective | Neurology | Clinical Science

Course Description

Scheduling of this course must first be arranged with the Office of Medical Education prior to entering it on your 4th year schedule. This course should be scheduled during the time period in which a 3rd year clerkship is to be completed during the 4th year.

Course Faculty and Staff:

Course Director(s): Heather Harrell MD

Meeting Place and Time

TBA

Course Materials

TBA

Additional Information

This course is designed to use as a placeholder on a 4th year student schedule.
Course makeup time includes 3 weeks Neurology and 1 week Geriatrics and must be prearranged with Nancy Hendricks in the Office of Medical Education.

Clinic and Consultation Service in Neurology

NEUR E 1 | 4th Year Selective | Neurology | Clinical Science

Prerequisites

3rd year Neurology clerkship

Course Description

To increase the student's knowledge of the nervous system, and of neurologic disease; to improve his/her ability to evaluate patients with neurologic disease; and to enhance his/her skills in the diagnosis and treatment of neurologic disease. The outpatient and consultation service setting allows students considerable time for reading and in-depth consideration of the patients they see. This course is recommended to students committed to a career in neurology; to students potentially interested in neurology as a career and seeking help in making a choice; and to students not interested in neurology as a career but wanting to improve neurological skills in preparation for a career in a related field or simply those seeking a well-rounded clinical education. The setting (consultation and clinic) time distribution can be taylored to address the student's goals.

Course Faculty and Staff:

Course Director(s): Glen Finney MD
Course Staff: Debbie Kahakua

Meeting Place and Time

L3-100 (Brain Institute); 8:00 am Monday at start of elective to get orientation from staff; handout. Then meet with residents on ward 65.

Course Materials


Additional Information

The location (inpatient/clinic) and focus of the activities will be taylored to each student's needs and goals.

Neurology - Clinical Independent Study

NEUR CIS | 4th Year Selective | Neurology | Clinical Science
Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a unique clinical experience with a particular faculty member within the Department of Neurology at the University of Florida College of Medicine. Students must submit a Clinical Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student.

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Additional Information

TBA

Neurology - Externship

NEUR EXT | 4th Year Selective | Neurology | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville within the Department of Neurology. Students should complete the paperwork required from the institution where the rotation is requested and the "in-house" Externship Application at UF.

Course Faculty and Staff:

Course Director(s):
Course Staff: Amy Roberson
Neurology - Independent Study

NEUR IS | 4th Year Selective | Neurology | Basic Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Neurology at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Neurology - Jacksonville

NEUR E 1J | 4th Year Selective | Neurology | Clinical Science

Prerequisites
Scheduling of this course must first be arranged with the Office of Medical Education prior to entering it on your 4th year schedule.

**Course Description**

The rotation duration is from two to four weeks and is designed to enhance a student’s knowledge of clinical neurology, but may be tailored according to student interests and professional plans. Thus, the rotation can also focus on specific clinical subspecialty interests. Students can rotate in the outpatient neurology clinic, inpatient consultation service and neurology ward and/or may work with individual faculty members in their specialty clinics.

**Course Faculty and Staff:**

- **Course Director(s):** Ramon Bautista
- **Other Faculty** Frank Genuardi MD, MPH, Kalina Sanders MD
- **Course Staff:** Yolanda Reyes, Kelsey Kyne

**Meeting Place and Time**

Neuroscience Institute Shands Jacksonville; 580 W. 8th Street; Tower I; 9th Floor

**Course Materials**

Basic diagnostic tools are required: - Reflex hammer - Tunning fork

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**Special Projects in the History of Medicine**

**NEUR E 5 | 4th Year Selective | Neurology | Clinical Science**

**Prerequisites**

Must be a 4th year medical student

**Course Description**

There will be a general introduction to history of medicine, historical documents and research methods. This rotation provides an opportunity to work on exhibits, posters, brochures describing the history of medicine, to conduct oral history interviews and to work on projects collecting, organizing, cataloguing and preserving historical materials. A special research project will be required. Students may also elect to do a History of Medicine topic or research in a specified area under the mentorship of the director. They may choose to publish their results in a peer reviewed journal.

**Course Faculty and Staff:**

- **Course Director(s):** Michael Okun MD
- **Course Staff:** Shuri Pass

**Meeting Place and Time**
TBA, once a week meetings with the mentor. Meetings usually Tuesday mornings.

Course Materials

None needed as the course will be defined by the individual student’s choice of topic. The student will be asked to assemble primary references based on their choice of topic. As part of the course they may apply for funding through an endowment to travel to obtain primary historical source documents.

Additional Information

This is designed to be a fun elective topic and will ultimately end in a potentially publishable manuscript on history of medicine. Progress reports are due every Monday night (by email).

Neuroscience - Externship

NSC EXT | 4th Year Selective | Neuroscience | Basic Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville within the Department of Neuroscience. Students should complete the paperwork required from the institution where the rotation is requested and the "in-house" Externship Application at UF.

Course Faculty and Staff:

Course Director(s): Heather Harrell MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Neuroscience - Independent Study

NSC IS | 4th Year Selective | Neuroscience | Basic Science

Prerequisites
UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Neuroscience at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s): 
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Neuroscience Teaching and Review

NSC E 1 | 4th Year Selective | Neuroscience | Basic Science

Prerequisites

Completion of Medical Neuroscience in 1st year curriculum with a grade of B or better. TA must be available for most of the 1st week of the course, and should not miss more than 5 days in the 4 week course.

Course Description

Neuroscience Teaching and Review is an elective for 4th year medical students who want to review and to teach the basics of Medical Neuroscience. Medical Neuroscience is designed to introduce students to the broad concepts involving: the principles of cellular neuroscience; the gross and microscopic organization of the central nervous system; functional systems; functional deficits following a CNS lesion; and higher cortical functions. Introductory clinical neuroscience concepts will be emphasized.

Course Faculty and Staff:

Course Director(s): Louis Ritz PHD
Meeting Place and Time

C1-15 for lectures; MDL 1 for lab

Course Materials

Medical Neuroscience textbook; Haines Neuroanatomy atlas; numerous online materials

Additional Information

Students heading for neurology, neurosurgery, psychiatry or radiology are encouraged to take this elective. The course offers the opportunity to interact with residents in neurology and neurosurgery, and to share your experiences with the 1st year class.

Basic Neurosurgery For Non-Neurosurgeons - Jacksonville

NSU E 1J | 4th Year Selective | Neurosurgery | Clinical Science

Course Description

The student will attend monthly Neurology/Neurosurgery Grand Rounds, M&M Conferences, daily rounds with a neurosurgeon attending and PA. Also, opportunities to scrub in surgical cases as assistant.

Course Faculty and Staff:

Course Director(s): Robert Levy MD
Other Faculty Frank Genuardi MD, MPH
Course Staff: Michaelle Ford, Kelsey Kyne

Meeting Place and Time

Department of Neurosurgery; Neuroscience Institute, 580 W. 8th Street, Plaza 1, 8th Floor, Jacksonville, FL 32209

Course Materials

Handbook of Neurosurgery; Reprints of journal articles; Imaging study films

Additional Information

Daily rounds with one attending.

Neurosurgery - Clinical Independent Study

NSU CIS | 4th Year Selective | Neurosurgery | Clinical Science
Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a unique clinical experience with a particular faculty member within the Department of Neurosurgery at the University of Florida College of Medicine. Students must submit a Clinical Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student.

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Additional Information

TBA

Neurosurgery - Externship

NSU EXT | 4th Year Selective | Neurosurgery | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville within the Department of Neurosurgery. Students should complete the paperwork required from the institution where the rotation is requested and the “in-house” Externship Application at UF.

Course Faculty and Staff:

Course Director(s):
Neurosurgery - Independent Study

NSU IS | 4th Year Selective | Neurosurgery | Basic Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Neurosurgery at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Neurosurgery Elective

NSU E 1 | 4th Year Selective | Neurosurgery | Clinical Science
Prerequisites

Fourth year student.

Course Description

During the four week rotation, students will function as an integral part of the faculty led team caring for patients on the neurosurgery service at Shands Hospital at UF. Rotating students are expected to demonstrate an enthusiasm for their work and an active interest in learning the nuances of advanced neurosurgical care. Students will round each morning with the resident and attending teams, and will then be encouraged to spend time in the operating room. Students will be expected to learn and perform the fundamentals of opening and closing a neurosurgical case as well as observing the more critical aspects of neurosurgical procedures. When not in the operating room, students will assist the junior and senior residents in direct patient care, and will be expected to learn basic neurosurgical procedural technique, including: lumbar puncture, ventriculostomy, and neuromonitor insertion. Students will attend the department’s daily teaching conference and will be given the opportunity to give a lecture on a topic of their choice during their rotation. Weekly lunches will be scheduled with the rotating student and selected Faculty. During these lunches didactic topics will be covered, as well as general mentoring regarding career development in Neurosurgery. Students will also be encouraged to participate in departmental functions and social activities on an ad hoc basis.

Course Faculty and Staff:

Course Director(s): Gregory Murad MD
Course Staff: Jamie Dow

Meeting Place and Time

Daily @ 7:00 a.m. in Neurosurgery Conference Room, L2-101 (2nd Floor of the UF Brain Institute)

Course Materials

1. A course booklet including material covered in the tutorial series will be provided. 2. Handbook of Neurosurgery: Mark Greenburg MD Sixth Edition.

Additional Information

COURSE GOALS AND OBJECTIVES 1. General Skills (a) Clinical examination - To perform a competent neurological evaluation including relevant history and neurological examination. (b) Radiology - To understand the fundamentals of x-ray and computerized (CT, MRI) imaging of the spine and head, including normal and common pathological entities. (c) Emergent management - To understand the clinical manifestations of acute and chronic intracranial hypertension, and principles of emergency management. 2. Intracranial Disease (a) Head injury - To recognize the spectrum of mild, moderate and severe head injury and to diagnose and initiate its management. (b) Brain tumors - To understand the broad categories, presenting symptoms and management principles of brain tumors, including indications for surgical intervention and adjuvant therapies. (c) Cerebrovascular disease - To differentiate common headache syndromes with emphasis on recognition, diagnosis and management of subarachnoid hemorrhage.
To recognize presenting symptoms and signs of occlusive cerebrovascular disease, and general diagnostic and treatment strategies including indication for carotid surgery. 3. Spinal Disease (a) Spinal trauma — To diagnose and initiate acute management of spine fracture, dislocation and spinal cord injury. (b) Degenerative disease - To evaluate and initiate management of spinal degenerative disc and spondylotic disease, and to recognize neural compression syndromes and indications for surgical intervention. 4. Hydrocephalus. (a) To identify signs and symptoms of hydrocephalus and know the management options in children and adults. 5. Peripheral Nerve Disease (a) To diagnose and initiate the management of peripheral nerve injury and common nerve entrapment syndromes. ACHIEVING THE GOALS AND OBJECTIVES The goals and objectives of the medical student program are achieved in the 4 week rotation by: 1. Exposure to neurosurgery patients in the clinical care setting, 2. Daily departmental conferences, 3. Series of tutorials covering general neurosurgery topics, 4. Neurosurgery clinics, 5. Emergency call and 6. Operating room experience. 1. Clinical service The neurosurgery service at Shands Hospital UF is divided into 4 smaller services. The Orange service has patients admitted to Drs. Lewis, Hoh and a TTP. The Blue service has patients admitted to Drs. Friedman, Pincus, and Roper. One senior and one junior resident are assigned to each of these services. The Red Service has patients admitted to Drs. Jacob, Foote and a TTP. A junior resident and an intern are assigned to this service. Medical students will have the opportunity to work with all services over the 4 week rotation. The student will rotate through the services and will come under the direct mentorship of the senior resident for each service. During the rotation students will be assigned patients by the mentoring senior resident (usually 2 patients per week). The student is responsible for presenting these patients on morning rounds and is expected to complete all floor duties related to those patients including writing orders/daily notes etc. Blue Service The Blue Service faculty include Drs. Friedman and Roper. The subspecialty areas represented by this faculty are brain tumor surgery, skull base surgery, radiosurgery, trigeminal neuralgia, and epilepsy surgery, as well as other aspects of general adult neurosurgery. During the attachment to the Blue service, students will have an opportunity to be exposed to: 1. Primary and secondary brain tumors — diagnosis and management. 3. The principles and practice of surgery for epilepsy 4. General adult neurosurgical disorders including trauma, tumors, hydrocephalus, and peripheral nerve disorders. 5. The principles and practice of stereotactic neurosurgery including biopsy and radiosurgery Orange Service The Orange Service faculty include Drs. Brian Hoh and J Mocco. The subspecialty areas represented by this faculty are cerebrovascular and endovascular neurosurgery, brain tumor surgery, skull base surgery, and general adult neurosurgery. During the attachment to the Orange service, students will have an opportunity to be exposed to: 1. Cerebrovascular and endovascular neurosurgery, including diagnosis and treatment of aneurysms, arteriovenous malformations, and extracranial carotid disease. 2. Primary and secondary brain tumors — diagnosis and management. 3. General adult neurosurgical disorders including trauma, tumors, hydrocephalus, and peripheral nerve disorders. Red Service The Red Service Faculty include Drs. Jacob, Foote and Daniel Hoh. The subspecialty areas represented by this faculty are complex spinal disorders, movement disorders, and general adult neurosurgery. During the attachment to the Red Service, students will have an opportunity to be exposed to: 1. Degenerative spinal disorders, including lumbar disc disease, cervical disc disease, spinal stenosis. 2. Movement disorders 3. General adult neurosurgical disorders including trauma, tumors, hydrocephalus, and peripheral nerve disorders. Green Service The Green Service Faculty include Drs. Pincus, Lewis and Murad. The subspecialty areas represented by this faculty are pediatric neurosurgery, skull base surgery and cerebrovascular neurosurgery,
and general adult neurosurgery. During the attachment to the Red Service, students will have an opportunity to be exposed to: 1. Pediatric neurosurgery - diagnosis and management of hydrocephalus, brain tumors and congenital disorders. 2. Cerebrovascular and skull base surgery 3. General adult neurosurgical disorders including trauma, tumors, hydrocephalus, and peripheral nerve disorders. Daily Departmental Conferences Neurosurgical conferences are held daily, Monday through Friday, from 7:00 am to 8:00 am. a) A review of the TTP cases is held the 2nd and 4th Monday morning (L2-101). b) Preoperative conference is held every Tuesday morning (L2-101). Cranial and spinal cases are emphasized in alternating weeks. c) Grand Rounds conference is held every Thursday morning (L2-101) and involves a topic review. d) Journal Club is (L2-101) held monthly. The student will be provided with an article to critique and present. e) Neuropathology/Neuroradiology conference is held the third Friday morning of each month (L2-101) and involves case presentations by the attending neuropathologist and the attending neuroradiologist. f) Brain tumor board is held every Tuesday afternoon at 4:00 pm (L2-101) and involves a multidisciplinary discussion of all brain tumors operated the previous week. g) Epilepsy conference is held every Wednesday morning at 8:30 am (LG 116) and involves a detailed review of the preoperative data on epilepsy patients. 3. Tutorials Location: Neurosurgery office (Dr Lewis) L2-100 Time: Per schedule (usually lunchtime) Format: Computer based tutorial covering the general topics outlined in goals and objectives. The schedule is outlined below: Monday Wednesday Friday Week 1 Orientation Neuro assessment Radiology Week 2 Brain tumors CV 1 - SAH CV 2 — stroke Week 3 Head injury 1 Head injury 2 Spine trauma Week 4 Degen spine disease Hydrocephalus Peripheral nerves 4. Neurosurgery Clinics Students are expected to attend Dr Lewis' clinic on Thursdays. At this clinic the student will be assigned patients to interview, examine and present. Students are also invited to participate in any of the clinics listed on the timetable. During the final week of the rotation the student will be asked to interview a new patient for 45 minutes. The student will be assessed on clinical history and physical examination performance. 5. Emergency call To obtain exposure to acute neurosurgical conditions it is expected that the student takes call on the same schedule as their senior resident mentor. 6. Operating room experience Operating room attendance is encouraged and guidance as to which surgeries to attend should be obtained from the senior resident. All surgeries concerning patients for whom the student is responsible should be attended. Level of participation in the surgery is up to the attending present but where possible the student should be scrubbed in.

Pediatric Neurosurgery - Jacksonville

NSU E 2J | 4th Year Selective | Neurosurgery | Clinical Science

Prerequisites

Fourth year student with successful completion of pediatrics as a third year student.

Course Description

This rotation is designed to familiarize the student with a wide range of pediatric neurosurgical conditions encountered in infants, children and adolescents, as well
as in prenatal conditions. Medical students must learn the basic concepts of pediatric neurology, neuroanatomy, and neurosurgery, with the desire to develop the ability to diagnose and understand the basic mechanism underlying neurosurgical diseases in infants, children and adolescents, and formulate a logical plan of treatment. During the two to four week rotation, students will function as an integral part of the faculty led team caring for patients on the pediatric neurosurgery service at Wolfson Children’s Hospital (WCH) and UF&Shands Jacksonville. Rotating students are expected to demonstrate an enthusiasm for their work and an active interest in learning the nuances of advanced pediatric neurosurgical care. Students will round each morning with the resident and attending teams, and will then be encouraged to spend time in the operating room. The student will have opportunities to acquire knowledge, skills, values, and attitudes in pediatric neurosurgery as well as participate directly in the care of patients with a vast array of clinical conditions that include, but are not limited to: surgical management of epilepsy, surgical correction of congenital disorders of the spine and cranium, surgical/radiosurgical treatment of brain tumors, and the surgical management of cerebrovascular diseases such as strokes and Moyamoya disease in children. Full time faculty in the UF Division of Pediatric Neurosurgery at the University of Florida Health Science Center Jacksonville believes the Key Success Factors include, but are not limited to: 1.The development of excellent communication skills with the parents/caregivers of children. (P, PC, IC) 2.Learning to perform an adequate pediatric neurological/neurosurgical examination in infants, children and adolescents. (P, PC, IC) 3.Know what neurodiagnostic tests are required and are cost-effective, as well as efficient in the decision making process for each individual patient. (PC, MK, SBP) 4. This will be performed by, but not limited to fetal ultrasonography and magnetic resonance imaging, and computed tomography and magnetic resonance imaging in infants, children and adolescents. (PC, MK, SBP) [P = professionalism; MK = medical knowledge; PC = patient care; PBL = problem based learning; IC = interpersonal skills; and SBP = systems based practice.]

Course Faculty and Staff:

Course Director(s): Philipp Aldana MD

Other Faculty: Alexandra Beier DO, Frank Genuardi MD, MPH, Nathan Ranalli MD, Hector James MD

Course Staff: Kelsey Kyne, Linda Antommarchi

Meeting Place and Time

Daily at 8:00 a.m. in Lucy Gooding Pediatric Neurosurgery Center (12th Floor, Suite 1205, WCH Pavilion Building)

Course Materials

Pediatric neurosurgery reading materials/handouts recommended by the faculty.

Additional Information

Please contact Philipp R. Aldana, M.D. or Hector E. James, M.D. at least four weeks prior to the elective start date.
3rd Year Obstetrics and Gynecology

Course Description

Scheduling of this course must first be arranged with the Office of Medical Education prior to entering it on your 4th year schedule. This course should be scheduled during the time period in which a 3rd year clerkship is to be completed during the 4th year.

Course Faculty and Staff:

Course Director(s): Heather Harrell MD

Meeting Place and Time

TBA

Course Materials

TBA

Clinical Elective in Gynecology

Prerequisites

Fourth year medical student Students from outside institutions must meet the minimum criteria for being granted an interview for a UF OB/GYN residency position in order to be considered for the clerkship.

Course Description

This course will allow the student to gain experience in the management of outpatient problems commonly encountered by a general gynecologist. The student will learn how to properly perform a colposcopic examination. In addition, the student will gain experience in the perioperative management of gynecologic surgery patients. The student will accomplish these goals by working closely with the faculty and residents in clinics at the Medical Plaza, by performing minor surgical procedures and assisting with major cases, by rounding with the resident team, and by attending division educational conferences.

Course Faculty and Staff:

Course Director(s): John Davis MD

Meeting Place and Time

Meet the Gyn Chief Resident in the Gyn O.R at 0800 on the first Monday of the rotation.
Course Materials

TeLinde's Operative Gynecology, Comprehensive Gynecology, and assigned articles

Additional Information

Please contact me by email at Davisjd@ufl.edu one week before the beginning of your rotation so I can share other information with you. The department contact person for this course is my administrative assistant, Ruth Ann Klockowski. She can be reached at 273-7660 or Klockora@ufl.edu.

Clinical Obstetrics and Gynecology - Jacksonville

OBG E 1J | 4th Year Selective | Obstetrics and Gynecology | Clinical Science

Prerequisites

PGY3 OB/GYN rotation

Course Description

This rotation is an opportunity to delve more deeply into obstetrics and gynecology. The student will experience one week on each of the services: gynecologic oncology, maternal-fetal medicine, benign gynecology, and labor & delivery. This busy urban setting offers a breadth of pathology and a true taste of the constant "controlled chaos" of our specialty. Excellent as an "audition rotation" or simply to broaden knowledge of women's health care issues.

Course Faculty and Staff:

Course Director(s): Kelly Best MD

Other Faculty Frank Genuardi MD, MPH, Brent Seibel MD

Course Staff: Angela Mardany, Kelsey Kyne

Meeting Place and Time

Students should report at 0800 at the Obstetrics and Gynecology 4th Year Clerkship Coordinator's office (Angela Mardany); Learning Resource Center 3rd Floor; 653-1 W. 8th Street; Jacksonville; FL 32209

Course Materials

Students are advised to have access to standard OB/GYN textbooks

Internship 101

OBG E 7 | 4th Year Required | Obstetrics and Gynecology | Basic Science
Prerequisites

This course is only open to 4th year UF students in the final month of the academic year.

Course Description

This course will review common clinical problems encountered when a resident is on call in the hospital, such as cardiopulmonary arrest, septic shock, fever, drug overdose, psychiatric and neurologic emergencies, renal failure, and antibiotic selection. The course will also discuss medical-legal issues, stress and time management, financial affairs, interactions with difficult patients, pre-operative and post-discharge counseling, and techniques for effective teaching. Students pursuing residency training in Pediatrics will have an opportunity to become certified in Neonatal Advanced Life Support and Pediatric Advanced Life Support.

Course Faculty and Staff:

Course Director(s): Patrick Duff MD

Meeting Place and Time

Internship 101 First Monday of period 11 at 0800, room TBA

Course Materials

Syllabus to be provided. Students pursuing a career in Pediatrics need to purchase the Neonatal Advanced Life Support textbook and Pediatric Advanced Life Support published by the American Academy of Pediatrics.

Maternal-Fetal Medicine

OBG E 4 | 4th Year Selective | Obstetrics and Gynecology | Clinical Science

Prerequisites

During the first three rotations of the year, this course is only open to senior students from the University of Florida College of Medicine. Thereafter, it is open to senior students from any LCME-accredited university in the United States.

Course Description

The objectives of this course are as follows: To diagnose and treat medical complications of pregnancy. To perform and interpret a basic screening ultrasound examination. To apply prenatal diagnosis tests such as serum analyte screening, CVS, amniocentesis, and cordocentesis. To develop skills in interpreting antepartum fetal assessment tests such as the NST, CST, biophysical profile, and doppler velocimetry. To critically discuss major subject areas in perinatal medicine, such as cesarean delivery, diabetes in pregnancy, isoimmunization, prenatal diagnosis, and infections in pregnancy.

Course Faculty and Staff:
Meeting Place and Time

Students should report to the Barron Conference Room at 7:00 AM on the first Monday of the rotation.

Course Materials

Reading assignments will be distributed prior to the start of the elective.

Additional Information

Students will be evaluated on the basis of their clinical performance in the High Risk Obstetrics Clinic, Prenatal Diagnosis Clinic, Labor and Delivery Suite, and in the special tutorials with the course director. There are no night-time or weekend assignments.

OB/GYN - Clinical Independent Study

OBG CIS | 4th Year Selective | Obstetrics and Gynecology | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a unique clinical experience with a particular faculty member within the Department of Obstetrics and Gynecology at the University of Florida College of Medicine. Students must submit a Clinical Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s): Patrick Duff MD
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA
OB/GYN - Externship

OBG EXT | 4th Year Selective | Obstetrics and Gynecology | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville within the Department of Obstetrics and Gynecology. Students should complete the paperwork required from the institution where the rotation is requested and the "in-house" Externship Application at UF.

Course Faculty and Staff:

Course Director(s):

Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

OB/GYN - Independent Study

OBG IS | 4th Year Selective | Obstetrics and Gynecology | Basic Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Obstetrics and Gynecology at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time
TBA

Course Materials
TBA

Reproductive Endocrinology and Infertility

OBG E 2 | 4th Year Selective | Obstetrics and Gynecology | Clinical Science

Prerequisites

Successful completion of 3rd year OB/GYN rotation. ***NOTE*** - Rotation must be approved and coordinated at least 4 weeks in advance with Dr. Alice Rhoton-Vlasak.

Course Description

Exposure to the evaluation, diagnosis and treatment of a wide range of clinical endocrine problems in the female. Exposure to principles used in the evaluation and treatment of infertile couples. Exposure to the application of current methods available for family planning and their management in clinical practice. Comprehensive reading and discussions of materials relevant to Reproductive Endocrinology and Infertility. Exposure to basic principles of gamete handling and sperm micromanipulation in the Human Gamete Laboratory.

Course Faculty and Staff:

Course Director(s): Alice Rhoton-Vlasak MD
Other Faculty Stan Williams MD
Course Staff: Rena Fitzgerald

Meeting Place and Time

Schedule tailored to the student. Various meeting places (transportation needed); 1. Women’s Health at Magnolia Parke. 2. Women’s Health Group at the Medical Plaza, FloridaSurgery Center and Shands at UF

Course Materials


Additional Information

Final grade is determined as follows: Written evaluations from faculty and
Clinical Ophthalmology

OPH E 1 | 4th Year Selective | Ophthalmology | Clinical Science

Prerequisites

4th year medical student - Basic understanding of ophthalmology This course is not open for periods 1 and 2 to non-UF students.

Course Description

Clinical Ophthalmology is generally a 4-week elective during which time the medical student has the opportunity to rotate on a variety of subspecialty ophthalmic services. Students will work directly with the residents, fellows, and attending physicians. The rotations in which the student can participate include cornea and external disease/general; retina-vitreal; glaucoma; oculo-plastics; pediatrics; and neuro-ophthalmology.

Course Faculty and Staff:

Course Director(s): Nausheen Khuddus MD  
Course Staff: Mabel Wilson

Meeting Place and Time

The student must initially come to Mabel Wilson or Debi Jackson (352-273-7540) in the Department of Ophthalmology; Room M-120K or M-120L on the Friday before the rotation begins, or on the beginning Monday. Students are expected to be in clinic on Monday.

Course Materials

There is a hand-out which can be obtained from Mabel Wilson or Debi Jackson in the Department of Ophthalmology. Students can ask for reading materials which are abundant and can be obtained at the Library or online through various websites. A list of course objectives will be provided in the orientation packet on the first day of the rotation.

Additional Information

Students interested in pursuing ophthalmology residency at UF are encouraged to present at a Grand Rounds for the department. Students should let Ms.Wilson know which residents/faculty they worked with at the end of each week to allow for accurate evaluations. A grade cannot be provided until this is done.
Ophthalmology - Clinical Independent Study

OPH CIS | 4th Year Selective | Ophthalmology | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a unique clinical experience with a particular faculty member within the Department of Ophthalmology at the University of Florida College of Medicine. Students must submit a Clinical Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student.

Course Faculty and Staff:

Course Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Additional Information

TBA

Ophthalmology - Externship

OPH EXT | 4th Year Selective | Ophthalmology | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville within the Department of Ophthalmology. Students should complete the paperwork required from the institution where the rotation is requested and the “in-house” Externship Application at UF.
Course Faculty and Staff:

Course Director(s):

Course Staff: Amy Roberson

Course Materials

TBA

Ophthalmology - Independent Study

OPH IS | 4th Year Selective | Ophthalmology | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Ophthalmology at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s):

Course Co-Director(s): Maureen Novak MD, Patrick Duff MD

Course Staff: Amy Roberson

Course Materials

TBA

Ophthalmology Clinic - Jacksonville

OPH E 1J | 4th Year Selective | Ophthalmology | Clinical Science

Prerequisites

4th year medical student - This course is only offered for a 4 week option - no 2 week options.
Course Description

Students will be involved with outpatient care in the Ophthalmology clinic under the supervision of attending physicians. They will be responsible for observing and learning the tests needed during an eye exam, following the physicians during their clinic hours, and attendance at the departmental educational lecture series. The rotation will be one month and the objectives are to learn about the thorough patient evaluation, including an eye exam, any eye tests needed, and formulating a differential diagnosis. There is a maximum of 1 student per rotation.

Course Faculty and Staff:

Course Director(s): Sandeep Grover MD
Course Staff: Kathryn MacKenzie MS, Kelsey Kyne

Meeting Place and Time

Ophthalmology Clinic, 580 W. 8th Street, Tower 2, 3rd floor — (904-244-9361) — 8:00 am (first day)

Additional Information

The University of Florida Eye Institute in Jacksonville has a 3 year ophthalmology residency.

Clinical Sciences of the Musculoskeletal System

ORTH E 1 | 4th Year Selective | Orthopaedics | Clinical Science

Prerequisites

Senior medical student - Satisfactory completion of core clerkship rotations - Students pursuing a career in Orthopaedics should schedule this elective for no less than 4 weeks. NOTE - Non-UF students who apply to participate in this rotation should submit the following in addition to their application: copy of transcript; photo attached to application; letter of recommendation; USMLE Step 1 score (copy of document); letter of good standing and a written statement of why you are interested in participating in an Orthopaedic Surgery elective with the University of Florida College of Medicine.

Course Description

The program will be offered at UF&SHANDS COURSE GOALS 1. Provide experience and education in the evaluation and management of musculoskeletal disorders in an inpatient, outpatient, and Emergency Room setting. 2. Students will be have supervised responsibility in patient care, receive instruction in methods of examination, diagnosis, pre-and postoperative care and surgical techniques as applied to the musculoskeletal system. 3. Students participate in daily clinical conferences. 4. Students will be assigned to one of the Orthopaedic services. There will be a limit to one extern (senior medical student) per service. If scheduling permits, students may rotate on one or more of the Orthopaedic services during their ortho elective rotation.
Course Faculty and Staff:

Course Director(s): Richard Vlasak MD
Course Staff: Kendra Gallagher, Charlotte Ledbetter

Meeting Place and Time

Orthopaedic Conference Room (Rm. H-200 A) - 2nd floor of the Medical Science Building 7:00 a.m.

Course Materials

Greene, W.B. Essentials of Musculoskeletal Care. Other reference sources depending on orthopaedic rotation

Non-surgical Orthopaedics and Sports Medicine

ORTH E 4 | 4th Year Selective | Orthopaedics | Clinical Science

Prerequisites

Satisfactory completion of third-year clerkships

Course Description

COURSE GOALS: To increase the student's knowledge of assessment and management techniques for outpatient musculoskeletal and sports medicine injuries. Student's will rotate in orthopaedics clinics including the UF Runner's Clinic. Students will also have the opportunity to observe testing conducted on athletes in the UF Sports Performance Center. This course will emphasize appropriate history-taking, physical examination, radiologic testing, and treatment for patients with a variety of musculoskeletal problems and demonstrate the different approaches of surgical and non-surgical Sports Medicine specialists. This course is recommended for all students interested in treating musculoskeletal and sports injuries whether they are considering a career as a primary care physician or specialist.

Course Faculty and Staff:

Course Director(s): Kevin Vincent MD, PhD
Course Staff: MaryEllen Paulk

Meeting Place and Time

Second Floor of the Orthopaedic and Sports Medicine Institute on Hull Road, Monday - Friday 7:30 a.m. - 5:00 p.m.

Course Materials

Selected readings will be suggested by attending physicians regarding commonly treated Musculoskeletal and Sports Medicine Injuries.
Orthopaedic - Clinical Independent Study

ORTH CIS | 4th Year Selective | Orthopaedics | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a unique clinical experience with a particular faculty member within the Department of Orthopaedics at the University of Florida College of Medicine. Students must submit a Clinical Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student.

Course Faculty and Staff:

Course Director(s):  
Maureen Novak MD, Patrick Duff MD

Course Staff:  
Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Additional Information

TBA

Orthopaedic - Externship

ORTH EXT | 4th Year Selective | Orthopaedics | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville within the Department of Orthopaedics. Students should complete the paperwork required from the institution where the rotation is requested and the “in-house” Externship Application at UF.
Orthopaedic - Independent Study

ORTH IS  |  4th Year Selective  |  Orthopaedics  |  Basic Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Orthopaedics at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s):
Maureen Novak MD, Patrick Duff MD

Course Staff: Amy Roberson

Course Materials

TBA

Orthopaedic Surgery & Rehabilitation - Jacksonville

ORTH E 1J  |  4th Year Selective  |  Orthopaedics  |  Clinical Science

Course Description

NA

Course Faculty and Staff:
Meeting Place and Time

Orthopaedic Conference Room at 6:30 AM (morning report) on first day of rotation

Course Materials

Essentials of Musculoskeletal Care by Greene (AAOS book)

Additional Information

Non-University of Florida students should contact department coordinator prior to submitting application.

Clinical Elective - Otolaryngology/Jacksonville

OTOL E 1J | 4th Year Selective | Otolaryngology | Clinical Science

Prerequisites

NONE

Course Description

General background in otolaryngology head & neck surgery through patient care in the clinic setting, operating room, and in the care of inpatients at UF & Shands Jacksonville.

Course Faculty and Staff:

Course Director(s): Iman Naseri MD
Other Faculty Carlos Fernandes MD, Frank Genuardi MD, MPH, Glenn Knox MD
Course Staff: Jessica McDonald-Jazrawi, Kelsey Kyne

Meeting Place and Time

Otolaryngology Clinic; 2nd floor Faculty Clinic; 8:30 AM on the first day of the rotation

Course Materials

General otolaryngology textbooks

Additional Information

Educational Goals: Use framework of otolaryngology to develop an understanding of core principles in surgery; Develop an ability to identify, diagnose and initiate treatment of common otolaryngologic diseases; Acquire knowledge necessary to recognize various otolaryngologic disease conditions and
complications: - Acute care and management of upper airway obstruction and difficult airway patients - Care and management of tracheostomy patients - Exposure to various modes of endoscopy (nasal, pharynx, larynx, and esophageal) - Various types of otitis and hearing loss, sinusitis and headache - Head and neck cancer diagnosis and treatment - Various types of sinusitis including various medical and surgical management. 

Learn basic principles for the diagnosis and management of common otolaryngologic conditions. Improve comprehension of head and neck anatomy and learn to apply it in both the clinical examination and surgical environment setting. Hands on experience and daily teaching of routine clinical and operative patient management. Introduction to basic surgical techniques in the operating room setting.

Student Responsibilities:

- Participate in rounds
- Active participation in the division’s educational programs
- Follow and manage patients admitted to the otolaryngology inpatient service under the immediate guidance and supervision of the designated attending and resident
- Participate in the operating room
- Evaluate and present patients in clinic.

Otolaryngology - Clinical Independent Study

OTOL CIS | 4th Year Selective | Otolaryngology | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a unique clinical experience with a particular faculty member within the Department of Otolaryngology at the University of Florida College of Medicine. Students must submit a Clinical Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA
Otolaryngology - Externship

OTOL EXT | 4th Year Selective | Otolaryngology | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville within the Department of Otolaryngology. Students should complete the paperwork required from the institution where the rotation is requested and the “in-house” Externship Application at UF.

Course Faculty and Staff:

Course Director(s):

Course Staff: Amy Roberson

Course Materials

TBA

Otolaryngology - Independent Study

OTOL IS | 4th Year Selective | Otolaryngology | Basic Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Otolaryngology at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.
Course Faculty and Staff:

Course Director(s): Maureen Novak MD, Patrick Duff MD
Course Co-Director(s): Neil Chheda MD
Course Staff: Amy Roberson

Course Materials

TBA

Otolaryngology - Surgical Elective

OTOL E 1 | 4th Year Selective | Otolaryngology | Clinical Science

Prerequisites

None

Course Description

NA

Course Faculty and Staff:

Course Director(s): Neil Chheda MD
Course Staff: Nicolle Rutledge

Meeting Place and Time

First day of rotation; ENT Office; M2-228. Nicolle will give you a schedule and needed materials.

Course Materials

Ear; Nose; and Throat Diseases; a Pocket Reference; by W. Becker; HH Naumann; & CR Pfaltz

Additional Information

Must return any and all materials borrowed during your rotation the last Friday. 4 week elective designed for students interested in pursuing otolaryngology as a career.

Primary Care in Otolaryngology

OTOL E 2 | 4th Year Selective | Otolaryngology | Clinical Science

Prerequisites
Course Description

COURSE GOALS: 1. To acquaint students considering careers in primary care fields with the management of the most common otolaryngologic disorders they will encounter in their practice. 2. To better prepare students to independently manage patients with routine otolaryngologic disorders by allowing them to evaluate and treat such conditions under the supervision of a faculty member. 3. To review and enhance the students knowledge of head and neck Anatomy and to train students in the performance of a complete head and neck exam. 4. To educate students as to the proper utilization of otolaryngologic consultation. 5. To provide a detailed understanding of the management of obstructive sleep disorders, otitis, allergic rhinitis, sinusitis, hoarseness, tonsillitis, common head and neck cancers, and hearing problems via small group discussions and direct patient care. COURSE SETTING: Outpatient setting at the Hampton Oaks and Shands ENT Clinics. Inpatient and surgical care are not emphasized but available to the student desiring a wider perspective.

Course Faculty and Staff:

Course Director(s): Neil Chheda MD
Course Staff: Nicolle Rutledge

Meeting Place and Time

M2-228 to pick up materials and rotation schedule from Nicolle Rutledge the week prior to your rotation.

Course Materials

Obtain from the website www.ent.health.ufl.edu or from the department office, M-228. Please call 273-5199 to obtain other course materials prior to beginning your rotation.

Additional Information

Must return any and all materials borrowed during your rotation on the Friday of your last week. Course content could be tailored to individual student's future career interests.

Autopsy Pathology

PATH E 2 | 4th Year Selective | Pathology | Clinical Science

Prerequisites

Student should have successfully passed General Pathology and Immunology as well as Systemic Pathology and Laboratory Medicine (Sophomore Year).

Course Description
COURSE GOALS: This elective is structured to provide senior medical students an introduction to autopsies and postmortem examinations, including death investigations, forensic autopsies, detailed dissections, toxicology and court testimony. During this elective, the student will: 1. Review medical, social and other information, formulating appropriate workup strategies 2. Review organ pathology through active participation in autopsies (including dissecting), autopsy conferences, and case reviews. 3. Enhance physical diagnostic skills applicable to gross analysis of organs, and expand those findings with the microscopic examination of samples taken. 4. Understand COD (cause of death) and MOD (manner of death) determinations and which deaths must be reported to the medical examiner’s office 5. Become competent at certifying natural deaths. 6. Become familiar with technical aspects, quality assurance and medico-legal issues involving patient care, society and the autopsy.

Course Faculty and Staff:

Course Director(s): Martha Burt MD
Other Faculty William Donnelly M.D., Nancy Hardt MD, William Hamilton
Course Staff: Deena Weiss

Meeting Place and Time

8:30 am: Autopsy Unit (MG-35), OR the District 8 Medical Examiner’s Office, 606 SW 3rd Avenue, 352-273-9292.

Course Materials

Current autopsy cases, including hospital and forensic cases. Selected readings as assigned by director.

Additional Information

This rotation combines the resources of the Shands/UF morgue and the District 8 MEO, necessitating travel between the two locales. Students are given the opportunity to attend crime scenes and perform autopsies, at the discretion of the director.

Becoming an Effective Resident Teacher

PATH E 16 | 4th Year Selective | Pathology | Basic Science

Prerequisites

4th year Medical Student Please note - This is a 4 week course but students only receive 2 credits. There is a minimum of 4 students that need to be scheduled for this course in order for it to be offered. If this minimum is not met, students may be required to reschedule.

Course Description

This course is designed to prepare you for teaching responsibilities which you will assume as an intern and resident. Interactive sessions will offer practical strategies
for how to be an effective teacher. Topics will include adult learning theory, bedside teaching, giving feedback, and evaluating students. You will learn how to prepare a teaching portfolio. Upon fulfillment of all elective requirements, you will be certified as a resident teacher. The rationale for this elective is that despite the expanded teaching role that interns and residents have, there exists no formal preparation for these responsibilities; in addition, documentation of teaching activities has become more important for career progression and promotion in teaching tracks.

Course Faculty and Staff:

Course Director(s): Joseph Fantone III MD
Course Staff: Jo Drumheller

Meeting Place and Time

Meetings are typically held Tuesday and Thursday mornings 10:00 AM to 12:00 Noon - location is TBA.

Course Materials

Will be provided

Additional Information

Please note - This is a 4 week course but students only receive 2 credits. Goal: 🌟 To prepare senior medical students for teaching during their residency years and beyond. Learning Objectives: 🌟 At the end of the four-week elective, a fourth-year student will be able: -To demonstrate instruction and evaluation skills (Graduation Competencies: Medical Knowledge and Practice-Based Learning). -To demonstrate skills of effective interaction & listening (Graduation Competency: Interpersonal & Communication Skills). Evaluation of Student’s Performance: 🌟 Students are expected to participate actively in selected teaching/evaluation sessions, complete evaluations of the workshops, and to prepare a final presentation. Students will receive a certificate of their teaching skills upon course completion.

Clinical Chemistry, Hematology and Coagulation Seminar Series

PATH E 10 | 4th Year Selective | Pathology | Clinical Science

Prerequisites

Second year general and systemic pathology courses, and third year clinical rotations

Course Description

This seminar series is given by Neil S. Harris, MD, William E. Winter, MD, and Lindsay Bazydlo, PhD. Comprehensive review of clinical chemistry and its application to clinical medicine, clinical interpretation of laboratory results; analytical methods used in clinical laboratory practice; clinical review of
laboratory medicine; review of case reports selected from Shands Clinical Laboratory consultations. Rotations through the STH-UF laboratory, Stat lab and Rocky Point Laboratory will be arranged to familiarize the student with the daily operation of the laboratory. Hematologic and coagulation topics can also be included at the discretion of the course directors.

Course Faculty and Staff:

Course Director(s): William Winter MD  
Course Staff: Deena Weiss

Meeting Place and Time

To be arranged; 2 hours of daily seminars. It is expected that students will spend 2 hours preparing for each contact hour. It is also expected students will spend 2 hours reviewing each hour of seminar material.

Course Materials

Laposata, M: Laboratory Medicine, The Diagnosis of Disease in the Clinical Laboratory. McGraw Hill - Lange, New York. 2010  
McPherson & Pincus: Henry's Clinical Diagnosis and Management by Laboratory Methods, 22nd ed., 2011

Additional Information

This seminar series is given by Neil S. Harris, MD, William E. Winter, MD, and Lindsay Bazydlo, PhD.

Clinical Chemistry, Hematology and Coagulation: Laboratory Approaches to Clinical Medicine

PATH E 4 | 4th Year Selective | Pathology | Clinical Science

Prerequisites

Laboratory Medicine course (2nd yr.) and third year clinical rotations.

Course Description

This rotation is provided by Drs. William E. Winter, Neil Harris, and Lindsay Bazydlo. Topics to be reviewed in mini-seminar format include the application of clinical chemistry to clinical medicine, clinical interpretation of laboratory results and analytical methods used in clinical laboratory practice. Included in this rotation will be an emphasis on coagulation testing and related hematology topics. An emphasis is placed on the effects of pre-analytical variability on laboratory testing. The 4th year student also will gain exposure to the clinical chemistry consult service. Much of this work involves interpretation of SPEs, UPEs, CSF electrophoresis and IFEs as well as lipid profiles, PTH profiles and other miscellaneous testing. Rotations through the STH-UF laboratory, Stat lab and Rocky Point Laboratory will be arranged to familiarize the student with the daily
operation of the laboratory. Coagulation topics and basic topics in hematology and hematopathology will also be covered.

Course Faculty and Staff:

Course Director(s): William Winter MD  
Course Staff: Deena Weiss

Meeting Place and Time

To be arranged; at least one mini-seminar will be held daily with the attending faculty. Lab rotations. Late afternoon review of electrophoresis gels. It is expected that students will spend a minimum of 1 hour preparing for the mini-seminar and 2 hours r

Course Materials


Additional Information

This rotation provides an overview of the daily life of the academic clinical pathologist. This is a great opportunity for students to review the integration of basic and clinical science in preparing for USMLE step 2.

Cytopathology: Diagnosis and Screening Applications in Human Disease

PATH E 13 | 4th Year Selective | Pathology | Clinical Science

Prerequisites

4th year Medical Student

Course Description

This elective will provide a broad experience in Cytopathology in the diagnosis of human neoplasia and inflammatory and infectious diseases. Experience and knowledge in the application and interpretation of cytopathologic samples including fine needle aspirates (FNA’s) of the thyroid and other masses, bronchial brush and bile duct sampling, bladder washings, cervical cytologic sampling (Pap testing), body cavity fluid cytology, as well as other diagnostic experience will be gained. Correlation with current surgical pathology materials will be performed. Experience will include use and interpretation of immunohistochemistry, human papillomavirus molecular testing, and other diagnostic methods that can be applied to cytologic cellular samples. Daily morning teaching conferences are available at 7:30AM directed to Pathology education that the student is welcome to attend. Room 3149.
Course Faculty and Staff:

Course Director(s): Edward Wilkinson MD, FCAP,
Course Co-Director(s): Lisa Dixon MD
Course Staff: Deena Weiss

Meeting Place and Time

Surgical Pathology & Cytopathology, Shands at UF 3rd floor, room 3109. 8:00AM Monday through Friday. Teaching conference at 7:30 at 3149 available. FNA clinic, Thursday AM as scheduled.

Course Materials

Materials available for study include:
- DeMay R, The Art & Science of Cytopathology, ASCP Press or the abbreviated one book text by DeMay (also by ASCP Press).
- Bibbo M Editor, Comprehensive Cytopathology, Saunders
- Geisinger, et al, Modern Cytopathology, Churchill-Livingstone
- Kurman RJ, Ronette BM, Sherman ME and Wilkinson EJ. Tumors of the Cervix, Vagina, and Vulva. AFIP Atlas of Tumor Pathology, Series 4, number 13, 2010. American Registry of Pathology. Active clinical cases reviewed one on one with the Cytopathologist. CD ROM and glass slide teaching materials. Major current reference medical texts and journals in the field. Lectures, conferences and direct faculty instruction.

Additional Information

This rotation includes active participation with pathology faculty in the Cytopathology and Surgical Pathology sign out areas, as well as patient contact within the FNA clinics. Please wear your UF badges at all times, and white coat on Thursdays.

Introduction to Anatomical and Clinical Pathology - Jacksonville

PATH E 2J | 4th Year Selective | Pathology | Clinical Science

Prerequisites

4th year medical student

Course Description

The purpose of this course is to provide an overview of the process involved in providing pathology and laboratory services and the impact of these services have on patient care. Students will participate in signing out the cases in pathology and laboratory medicine and will become familiar with the pathogenesis of various disease process. Students will participate in Departmental educational activities.
and will interact with laboratory personnel, residents, fellows, and the faculty of the Department.

Course Faculty and Staff:

Course Director(s): Shahla Masood MD
Other Faculty: Roger Bertholf PhD, Agnes Aysola MD, Amir Mohammadi MD, Marilin Rosa MD, Yvette McCarter PhD, Carmela Monteiro MD, Sanja Shuja MD, PhD, Bruce Villas MD, Ronald Rhatigan MD, David Wolfson MD, Raafat Makary MD, PhD, Brad Wang MD
Course Staff: Rebel Jones, Kelsey Kyne

Meeting Place and Time

Department of Pathology; Clinical Center; First Floor; East Expansion Wing - Shands Jacksonville; 8:30 AM

Course Materials

Study Sets, Medical Books, and Medical Journals

Longitudinal (Four Year) Community Service Elective

PATH E 14 | 4th Year Selective | Pathology | Clinical Science

Prerequisites

NOTE: The requirements of this course have been changed for the Class of 2015 and 2016. The former rules pertain only to the Classes of 2013 and 2014. Although hours will be collected throughout the four years, only 4th year medical students can formally sign up for the course.

Course Description

NOTE: The requirements of this course have been changed for the Class of 2015 and 2016. The former rules pertain only to the Classes of 2013 and 2014. Students may choose to earn either two credit hours or four credit hours for this course, depending on how many hours of community service are completed. The requirements for earning 2 credit hours are: 1. Complete 80 hours of community service during four years of medical school; 70 of these hours MUST be completed PRIOR to the credit being assigned, i.e. prior to the month you are signed up for the elective. The remaining ten hours can be completed DURING the elective month. Also, 20 hours of the 80 hours must be clinical. The requirements for earning 4 credit hours are: 1. Complete a total of 160 hours of community service. Complete 80 hours of community service prior to the 4th year of medical school. Then complete an additional 80 hours of community service during the 4th year. 20 hours of each set of 80 must be clinical (40 total clinical hours) 2. For the class of 2015 & 2016, all community service hours must be completed within Alachua County. 3. At least 15 of the hours must be in the fourth year. 4. Students will be expected to reflect briefly on their community outreach experiences 4 times (once per 20 hours). The 4 reflections are to be written, in the form of a REAP
note, not to exceed 1.5 pages, each. REAP notes will be submitted to Dr. Hardt via email to hardt@ufl.edu and to the Course Manager at deenarweis@ufl.edu. All hours must be self-reported on canvas at http://medinfo.ufl.edu/linx?m7ql and verified by an email from the supervisor sent to deenarweiss@ufl.edu. Students from any year may begin accruing hours at any time during the four years of med school. The Pathology Teaching Office will track hours. However, students will not sign up for the credit course until the spring semester of their fourth year. Occasional noon conferences (obtain Dr. Hardt’s pre-approval) may be scheduled that will also provide credit hours to students who sign in. Students who do not complete this course successfully will have to find another source of credits for graduation. For Class of 2015, the EPC required 6 hours will not count towards the community service elective. And for Class of 2016, the ICM required 12 clinical hours will not count towards the community service elective. Accrual of community service hours: List of approved sites/locations: 1 Equal Access Clinic at Main St Family Practice 2 EAC at Gainesville Community Ministries 3 EAC at Mobile Clinic 4 Helping Hands Clinic 5 Rahma Mercy Clinic 6 Eastside Clinic 7 Alachua County Health Department 8 Acorn Clinic 9 Archer Clinic 10 Health Fairs 11 SHIP 12 School-based screening and flu immunizations 13 School Physicals 14 Noon Conferences, as pre-approved by Dr. Hardt 15 St. Francis House. Because our primary goal for the course is to provide service to residents of Alachua County, most hospital-based experiences will not count toward total hours, so please be sure to clear all experiences about which you are unsure. International spring break trips will NOT count for the class of 2015 and beyond. Service is accrued on an hour for hour basis. Hours spent in administration (of Equal Access, for example) would also be counted at the discretion of the course directors.

Course Faculty and Staff:

Course Director(s): Nancy Hardt MD
Course Staff: Deena Weiss

Meeting Place and Time

Contact Deena Weiss at deenarweiss@ufl.edu.

Course Materials

Assignment: Students will be expected to reflect briefly on their community outreach experiences 4 times (once per 20 hours). The 4 reflections are to be written, in the form of a REAP note, not to exceed 1.5 pages, each. Reap includes Reflection, Experience, Assessment, and Plan. Your paper should express what you learned and any thoughts or emotions you encountered that will affect your future practice. REAP notes will be submitted to Dr. Hardt via email to hardt@ufl.edu and to the Course Manager at deenarweis@ufl.edu.

Additional Information

Disclaimer: Students will only be allowed to take one month off during the fourth year, regardless of credit hours accrued in this course, the narrative medicine course or other additional planned electives in the future. Decisions regarding time off during the fourth year will be made by Drs. Duff and Harrell and individualized for each student.
Pathology - Clinical Independent Study

PATH CIS | 4th Year Selective | Pathology | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a unique clinical experience with a particular faculty member within the Department of Pathology at the University of Florida College of Medicine. Students must submit a Clinical Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student.

Course Faculty and Staff:

Course Director(s):

Course Co-Director(s): Maureen Novak MD, Patrick Duff MD

Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Additional Information

TBA

Pathology - Externship

PATH EXT | 4th Year Selective | Pathology | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville within the Department of Pathology. Students should complete the paperwork required from the institution where the rotation is requested and the "in-house" Externship Application at UF.

Course Faculty and Staff:
Course Director(s): 
Amy Roberson

Course Staff: Amy Roberson

Course Materials
TBA

Pathology - Independent Study

PATH IS | 4th Year Selective | Pathology | Basic Science

Prerequisites
UF 4th year medical student

Course Description
This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Pathology at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:
Course Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Course Materials
TBA

Pathology Teaching Elective - General Pathology and Immunology

PATH E 11 | 4th Year Selective | Pathology | Basic Science

Prerequisites
General Pathology and Immunology - Systemic Pathology and Laboratory Medicine; 3rd year required clerkships.

Course Description
The purpose of this course is to review mechanisms of disease causation and principles of immunology and immunopathology; primarily as laboratory instructors. Students will participate in the second year General Pathology and Immunology course as teaching assistants supervised by the Course Director. Students will instruct/assist in laboratories and discussion groups, attend lectures, and may elect to participate in improving teaching materials.

Course Faculty and Staff:

Course Director(s): William Winter MD
Course Staff: Deena Weiss

Meeting Place and Time

The student must attend all labs and lectures that are scheduled during this rotation. Other meetings with the rotation directors will be scheduled as needed.

Course Materials

Textbooks required for the course: Janeway's Immunobiology, 7th Edition; Robbins and Cotran, Pathological Basis of Disease, 8TH Edition

Additional Information

One way to learn is to teach. If you can teach a topic, you likely will need to master that topic through scholarship, reflection and integration. Take the challenge!

Pathology Teaching Elective - Systemic Pathology and Laboratory Medicine

PATH E 12 | 4th Year Selective | Pathology | Basic Science

Prerequisites

General Pathology and Immunology - Systemic Pathology and Laboratory Medicine

Course Description

The purpose of this 2nd year course is to review pathologic manifestations of disease that affect specific organ systems and the laboratory alterations useful in diagnosis and following the course of disease. Students will participate in the second year Systemic Pathology and Laboratory Medicine course as teaching assistants supervised by the Course Director or pathology faculty responsible for teaching the pathology of a particular organ system. Students will instruct/assist in laboratories and discussion groups; attend lectures and may participate in surgical or clinical pathology practice as appropriate for the topics being covered in the course; students may also elect to participate in improving teaching materials.

Course Faculty and Staff:

Course Director(s): William Winter MD
Meeting Place and Time

Students will attend all of the scheduled laboratories and lectures while they are on this rotation. Other meetings will be scheduled as needed. To be arranged. contact Deena Weiss for details.

Course Materials


Additional Information

One way to learn is to teach. If you can teach a topic, you likely will need to master that topic through scholarship, reflection and integration. Take the challenge!
Understanding Health Disparities

PATH E 15 | 4th Year Selective | Pathology | Basic Science

Prerequisites

4th year medical student

Course Description

This course entails a “hands-on” experiential approach towards defining, learning and understanding the multiple and complex factors leading to health disparities in various populations, including the financially disadvantaged, the foreign born, and various ethnic and racial minorities. It seeks to “round out” the about-to-graduate medical student experience by using reflection, small group discussion, participation in various field activities, surveying colleagues and other health care providers, meeting with community leaders in governmental and public health and participating in one-on-one field experiences where they can observe, assess and discuss issues related to health disparities. Ultimately, the students are expected to develop a personal and institutional view of the role of future physicians on impacting health disparities. This course will include daily small group didactic and discussion sessions on various topics, viewing a documentary film series, reading, participating in journal club, meeting with health center and community leaders. In addition, students will be assigned to experience community settings which impact health issues, including obtaining food stamps, applying for social security, visiting health departments, participating in itinerant/migrant education health fairs, visiting court hearings, etc. and reflect on these by journaling. Students will survey themselves and fellow undergraduates, faculty and other health care workers using standardized surveys for assessment of cultural competence.

Course Faculty and Staff:

Course Director(s): Nancy Hardt MD, Michelle Jacobs MD
Other Faculty David Wood
Course Staff: Colette Cimino, Deena Weiss

Meeting Place and Time

TBA

Course Materials

films, journal articles, reference list, books, survey tools, on-line web resources, required reading materials
3rd Year Pediatrics

Course Description

Scheduling of this course must first be arranged with the Office of Medical Education prior to entering it on your 4th year schedule. This course should be scheduled during the time period in which a 3rd year clerkship is to be completed during the 4th year.

Course Faculty and Staff:

Course Director(s): Heather Harrell MD

Meeting Place and Time

TBA

Course Materials

TBA

Additional Information

This needs to be approved by the clerkship director at least one month prior to starting.

Adolescent Medicine

Prerequisites

Fourth year medical student, successful completion of pediatrics clerkship.

Course Description

Adolescence is a time of change whether socially, mentally, or physically. Adolescent Medicine is an important aspect of Pediatrics, Family Medicine, and Internal Medicine. Adolescent patients are also seen in most other areas of medicine. Having an understanding of Adolescent Medicine will benefit you no matter what area of medicine you choose. Often there is not adequate time during Internship or Residency for this valuable part of your education. The 4th year of medical school is an ideal time to take this elective. 1. Appreciation of adolescent development as it pertains to Health care and delivery. 2. Application of standard interviewing techniques to adolescent health care provision. 3. Understanding of common adolescent health care needs.

Course Faculty and Staff:
Meeting Place and Time

Monday - Fridays 8:00 a.m. - 5:00 p.m., Adolescent Clinic, CMS building, SW 16th Ave

Course Materials

Various Adolescent Medicine texts, Journal Articles, Appropriate Internet sources

Additional Information

Students will attend various clinics, including adolescent clinic, STI clinic and sports medicine. You will present a topic to different teen groups in the community with the pediatric resident on the rotation. You will also present on a topic of interest to the team at the end of your rotation.

Advocacy Through Pediatrics

PED E 24 | 4th Year Selective | Pediatrics | Basic Science

Prerequisites

Satisfactory completion of the third year pediatric clerkship — 4th year medical student

Course Description

The pediatric advocacy rotation is designed to enhance students understanding of their professional role and duty to advocate as it relates to their patients and community. The rotation will help to equip the students with the tools they need to perform a needs assessment of their community, form partnerships with community based organizations, and advocate locally and as part of the legislative process. If students have a particular issue for which they wish to advocate, then the activities of the rotation will be centered around said issue.

Course Faculty and Staff:

Course Director(s): Michele Lossius MD
Course Staff: Cynthia Powell, Amy Cole

Meeting Place and Time

Please contact Dr. Lossius prior to the first Monday of each rotation by email to determine a time and place for orientation. The orientation will be provided by Dr. Lossius or Susan Horky. At this time a 4 week calendar of events will be provided.

Course Materials
Additional Information

Please think about an advocacy project idea prior to the start of the rotation. If you need to discuss possibilities, then please contact Dr. Lossius via email prior to the start of your rotation. Alternate Contact = Amy Cole; 252-273-8594; Room HD 513; email coleaj@peds.ufl.edu

Ambulatory Pediatrics

PED E 14 | 4th Year Selective | Pediatrics | Clinical Science

Prerequisites

The successful completion of the 3rd year of medical school training, specifically the pediatric clerkship.

Course Description

COURSE GOALS: To participate in a variety of pediatric ambulatory sub-speciality outpatient clinical settings. To enhance the student’s ability to obtain, evaluate, and process multiple forms of clinical data in pediatric subspecialty patient encounters.

Course Faculty and Staff:

Course Director(s): Maria Kelly M.D.
Course Staff: Cynthia Powell

Meeting Place and Time

The majority of clinics are located in the Shand’s Medical Plaza, Shands Children’s Hospital or the Ayer’s Building.

Course Materials

A general pediatric text. This may include Nelson’s Textbook of Pediatrics or Rudolph’s Pediatrics. An additional quick review condensed text may also be helpful in the quick paced ambulatory settings.

Additional Information

The student will contact the course director no less than two weeks prior to the rotation. The student and course director will create a rotation with pediatric subspecialty care clinics based on the students interests and specific goals while also considering clinic availabilities.
Arts and Healthcare in SubSaharan Africa

PED E 20 | 4th Year Selective | Pediatrics | Basic Science

Prerequisites

To schedule this elective you must contact the co-directors concerning your interest and mutually arrange an appropriate schedule. The travel distance and time are long; therefore the elective should be 4 weeks minimum. 4th year UF medical student in good standing after the completion of all the required courses and rotations through the 3rd year of medical school. Students must be preapproved to participate in this externship prior to scheduling.

Course Description

This month long fourth year externship provides UF College of Medicine students with the opportunity to learn about health care in The Gambia, West Africa and to develop projects using medical humanities better to understand psychosocial issues in the maintenance of health and treatment of dis-ease. Roughly half of the time will be spent in neighborhood clinics observing medical practice, healthcare and health concerns in this African nation. The other half of the time will be spent in planning programs and/or assisting in community outreach.

Course Faculty and Staff:

Course Director(s): Robert Lawrence MD, Nina Stoyan-Rosenzweig
Course Staff: Cynthia Powell

Meeting Place and Time

This course can be scheduled by contacting the co-directors, directly to arrange a schedule. Contact R. Lawrence - lawrerm@peds.ufl.edu or Nina Stoyan Rosenweig - nstoyan@ufl.edu

Course Materials

The use of photographs, sound recordings or video from The Gambia as part of their presentations on their return. This will require signed release forms from the participants.

Additional Information

Participation in the course and travel to the Gambia will require preplanning-acquiring a visa, immunizations, and appropriate malaria medication. Plane fare also will be more reasonable if reservations are made in advance. Appropriate health insurance will be required.

Child Protection and Forensic Pediatrics - Jacksonville

PED E 12J | 4th Year Selective | Pediatrics | Clinical Science
Prerequisites

4th year medical student

Course Description

Course Description: Forensic Pediatrics is the study of child abuse as it relates broadly to pediatrics. This elective is both didactic and heavily experiential — combining study, lectures, and field experiences. Identification, diagnosis, management, and policy issues will be addressed. At the conclusion of this elective, the senior medical student will have a greatly increased understanding of child abuse and how it is a major component to child and adult health, and a set of skills in its identification. The didactic portion consists of readings in child abuse (books, articles, CDs, photographic atlases). The student will also have field experiences in a sexual and physical abuse clinic, observe child interviews, review current child abuse case records, participate in child abuse consultations on the ward, and observe community activities including DCF investigations, court, and child abuse prevention. In addition, the student will participate in telemedicine conferencing lectures and communication with other senior medical students at Emory and Morehouse Medical Schools taking the same elective.

INTRODUCTION

In many primate societies, its smallest and most vulnerable members are both cherished and occasionally abused by adults. Humans also mistreat their young — at a relatively high rate. The statistics about this are many, but a few to consider:

1. Child abuse has been experienced in one form or another by at least 25% of the adult population.
2. Child abuse is the leading cause of death between 6 months of age and 12 months of age. It is the second leading cause of death between 6 months and 12 years of age.
3. Over 90% of prisoners were victims of child abuse; over 90% of prostitutes were sexually abused as children; and about 70% of adult psychiatric outpatients were victims of child abuse.
4. It is conservatively estimated that there are an additional 36,000 violent criminals and 250 murders in the US each year because of child abuse.
5. Child abuse is conservatively estimated to cost at least $94 billion per year to society.
6. Each case of shaken baby syndrome costs at least $1 million.
7. Medical schools in the US typically provide 2 hours of formal training about child abuse.

The goal of this elective is not to make you a specialist in the area (this would require a several year fellowship post residency), but to heighten your awareness as to the diversity and depth of the problem, and to enhance basic skills in identification and intervention. (At the conclusion, you should be more familiar with child abuse issues than most 3rd year pediatric residents.) Several key misconceptions that are common among the general public and many physicians include:

1. The primary means to determine if a child has been sexually abused is to send her to the doctor for an examination.
2. Children can suffer a fair amount of physical abuse or neglect, but will turn out ok if they are then placed in a loving environment.
3. Child abuse is an infrequent, abnormal condition of humanity and would not be caused by nice people such as themselves.

Welcome to one of the most interesting, sophisticated and diverse areas of medicine! The children and adults you care for during the rest of your career will be better because of your insights and the knowledge you obtain.

Course Faculty and Staff:

Course Director(s): Randell Alexander MD, PhD
Other Faculty: Frank Genuardi MD, MPH, Bruce McIntosh MD
Course Staff: Laurel Conderman, Kelsey Kyne, Brenda Carver
Meeting Place and Time

Department of Pediatrics, Learning Resource Center, 3rd Floor, 8:00 am

Course Materials

READINGS Week 1
1. Shaken baby syndrome packet of articles

Week 2
1. Munchausen syndrome by proxy packet of articles

Week 3
2. CD — ROM The Anatomy of Child and Adolescent Sexual Abuse

Week 4

Additional Information

Sample monthly schedule
Field Experiences
1. Sexual abuse clinic
2. In-patient consultations on child abuse cases
3. Forensic interview center
4. Juvenile/criminal court
5. Child abuse prevention program
6. Child protective services

Didactic sessions
1. Teleconference sessions

Clinical Nutrition

PED E 15 | 4th Year Selective | Pediatrics | Basic Science

Prerequisites

UF Medical Students

Course Description

COURSE GOALS: 1. Nutritional requirements and metabolism in the normal individual throughout the life span. 2. Effect of participation in different sports on nutritional needs of the healthy individual. 3. Definition of and use of nutrition supplements, nutraceuticals, designer foods, functional foods, and medical foods. 4. Altered nutritional requirements and metabolism during different chronic diseases. 5. Parenteral and eternal nutrition support of critically ill patients.

Course Faculty and Staff:

Course Director(s): Peggy Borum PhD
Course Staff: Cynthia Powell

Meeting Place and Time

Place and time may vary with the activities of the day. Up to 100% of participation may be offsite via electronic media if prior special arrangements are made.
Course Materials

To be provided. Student must confirm participation in this course with course director prior to the rotation and provide ufl.edu email address.

Clinical Pediatric Gastroenterology

PED E 6 | 4th Year Selective | Pediatrics | Clinical Science

Prerequisites

Fourth Year Medical Student

Course Description

On-line curriculum available COURSE GOALS: Learn basic aspects of pediatric gastroenterology/hepatology/nutrition.

Course Faculty and Staff:

Course Director(s): Christopher Jolley MD
Course Staff: Cynthia Powell

Meeting Place and Time

RG-120; 8:00am, Monday-Friday. (Outpatient and Inpatient experience)

Course Materials

File of pediatric gastroenterology/hepatology/nutrition articles; access to Medline.

Endocrinology/Diabetes Clinical Clerkship

PED E 8 | 4th Year Selective | Pediatrics | Clinical Science

Prerequisites

4th year medical student

Course Description

Endocrinology Elective: Goals The goal of this elective is to allow the resident or student to acquire sufficient familiarity with common pediatric endocrine problems to deal with them intelligently at the general pediatric level including an appreciation of the range of normal variation in growth and development and when referral to a pediatric endocrinologist is indicated. Successful completion of the elective should allow you to approach the pediatric shelf examination with confidence and meet long-term professional career goals. By completing the
elective in pediatric endocrinology you should not expect to become proficient in the field. Nevertheless, by participating in the various activities of the division in the hospital, in outpatient clinics, and in diabetes summer camping and weekend retreat programs, the resident will be exposed to a diversity of pediatric endocrine problems. In clinic you will work with diabetes educators, nutritionists, research coordinators, and members of the Psychology department who assist in difficult psychosocial cases. You are encouraged to talk to all personnel associated with the multiple aspects of our clinical and research practice to learn more about pediatric endocrinology. You will be expected to interact courteously and professionally with all team members (professionalism, communication). In order to ensure that all residents have adequate exposure to all aspects of pediatric endocrinology, residents or students attending diabetes camp (June, July or August) will be asked to separate their rotation into 2 week blocks such that they will have 2 weeks of the rotation during a non-camp month. We will work with you as well as the chief residents and medical school to coordinate your rotation for the best possible educational experience. The Division of Pediatric Endocrinology has produced a detailed curriculum which will introduce you to the field of pediatric endocrinology. You will be expected to read the curriculum and engage in further reading/literature searches as needed for patient care and to satisfy your curiosity. You will be given a copy of Styne’s Pediatric Endocrinology to use as your primary reading source during the rotation. This must be returned before you complete the rotation. You are strongly encouraged to read this brief review of pediatric endocrinology in its entirety during your rotation. (PBL, medical knowledge, professionalism). A. Specific Objectives Residents and students taking this elective will be expected to attain the necessary skills to manage common pediatric endocrine problems. The endocrine syllabus has been divided into three categories in which different degrees of expertise are expected at the termination of the rotation. These are: Highly competent, i.e. the resident should acquire detailed knowledge of the topic and be able to diagnose and manage most patients with this condition and recognize those requiring referral for definitive diagnosis and treatment. Competent, i.e. the student should acquire general knowledge of the condition and be able to diagnose and treat with consultative help. Aware, i.e. the resident or student should be aware of the condition but should refer the patient to the subspecialty service for evaluation and management. 1. Highly Competent Short stature Failure to thrive Obesity Puberty-normal variations Adrenarche Thearche Gynecomastia Delayed puberty Nutritional rickets 2. Competent Childhood goiter Congenital hypothyroidism Acquired hypothyroidism Precocious puberty Cryptorchidism Turner syndrome Klinefelter syndrome 3. Aware Diabetes mellitus in children Education of the family of a newly diagnosed patient Outpatient management Diabetic ketoacidosis Complications of diabetes Adrenal insufficiency Congenital adrenal hyperplasia Hypoglycemia Cushing syndrome Growth hormone deficiency and therapy for non-GH deficiency states Thyroid nodules, carcinoma Disorders of the adrenal medulla Adrenal and gonadal tumors Endocrine hypertension Ambiguous genitalia Epidemiology, etiology, and prevention of Autoimmune endocrinopathies Disorders of calcium, phosphate, and Vitamin D (other than nutritional rickets) Parathyroid deficiency states Hyperparathyroidism Metabolic bone disease Neonatal calcium and phosphate disorders Disorders of water balance Diabetes insipidus (central, nephrogenic) SIADH Hyperlipidemia B. Specific Learning Experiences 1. Inpatient Service You will be expected to follow patients on the inpatient and consult services. Student should pre-round on inpatients and consults so that rounds flow smoothly and there is time for teaching. Students are expected to be on time for rounds. Students are expected to present their patients accurately and concisely. Students are expected to read about their
patients and participate actively in rounds. The attending on service will coordinate with the resident and the on service fellow how inpatients and consults will be assigned. (professionalism, practice based learning, medical knowledge, patient skills). 2. Outpatient Clinics Clinic experiences are available all day Monday, Tuesday afternoon, all day Wednesday, and Friday morning (see Schedule below). Students will be expected to be on time for clinics. Clinic attendance will be the primary focus of the elective as the majority of pediatric endocrinology involves outpatient work-up. Students will be working under the direction of an Attending Physician. Patients will be put into rooms by the Nurse. Take this time to review the chart. Students should refrain from discussing the patient or reviewing the chart in any general area. Make sure that the door is closed in the Clinic Conference Room when patients are being discussed. (PBL, medical knowledge, professionalism) Patients should be seen promptly and courteously. Residents will identify themselves to the patient, obtain the history and perform the physical examination, and present to one of the clinic Attendings who will review the history and physical findings with the patient/patient’s family. Residents are expected to dictate all Endocrine patients. Students will not be required to dictate. Residents are expected to dictate all new Diabetes patients. Residents and students should fill out a clinic note on returning Diabetes patients, but do not need to dictate them. Please dictate/write up charts promptly- at the end of the day at the latest (professionalism, PBL, patient skills). 3. Nutrition In the first week of the rotation, residents should schedule a session with our nutritionist to discuss the nutritional aspects of Diabetes and Obesity with a focus on carbohydrate counting and low fat diets (medical knowledge). 4. Diabetes Education In the first week of the rotation, residents should schedule a session with one of the C.D.E.’s to discuss practical aspects of diabetes management. Attending the education session for a newly diagnosed diabetes patient is a priority and will be encouraged in lieu of attending clinic. This session should include discussions on the various types of meters, insulin delivery devices, etc. (medical knowledge). 5. Referrals to the Endocrine Service Every Tuesday morning, residents will review with the attending the previous week’s referrals to the endocrine service. Residents will be expected to make recommendations as to whether/how quickly the new referrals should be seen based on a review of the chart and reading (PBL, medical knowledge). 6. Fellow’s Journal club Residents should attend the monthly fellows’ journal club (Tuesday noon to 1:30PM). Residents will be expected to have read the articles assigned by the attending (medical knowledge, PBL). 7. Fellow’s Core Conference Students and Residents are expected to attend the weekly Core Conferences (Thursday noon to 1:30) where a didactic lecture will be given by a fellow or attending related to an important topic in pediatric endocrinology. We recognize the potential conflict with the Core lecture series of the Residency Program, so the decision on which lecture to attend will depend on the lecture topic and the interests of the resident. 8. Student Pediatric Endocrine Presentation The last Thursday of the rotation, students are expected to present a 30 minute review of a topic which was of interest during the rotation. The presentation should include a short literature review of the topic (PBL, medical knowledge). 9. Endocrine Testing Early in the rotation, residents should acquire a familiarity with provocative hormone testing by observing/assisting with a test. These are usually scheduled for Monday and Friday mornings during Endocrine Clinic (PBL, patient skills, medical knowledge). 10. On Call Residents/Students will be expected to be on call an average of every fourth night during the rotation. Call will be from home. Residents will not directly get phone calls from patients or physicians. These will go to the fellow/attending on call. Residents/students will be notified if the fellow/attending has to go to the ER/hospital and will be expected to meet the
fellow/attending and participate in the evaluation and treatment of the patient. If the resident is sleep deprived from having had to come to the hospital, she/he should notify the attending by 8 AM so they can be relieved of their duties for the day. Students will be evaluated by all pediatric endocrine attendings with whom they have had contact and with the Division nurses/nutritionists with whom they have worked.

C. Weekly Schedule

These are guidelines and flexibility is possible within the schedule Monday:
- 7:30 AM In-patient rounds
- 8:00 AM Endocrine clinic
- Noon 1st and 3rd Monday Endocrine conference for in-patient resident team (44 conference room)
- 1:00 PM Diabetes clinic

Tuesday:
- 8:00 AM M morning report followed by in-patient rounds
- 8:30 AM Laboratory follow-up/inpatient rounds
- 12:00 Journal Club (once per month)
- 1:00 PM Obesity/lipid clinic
- 1:00 PM (1st & 3d Tues) diabetes clinic

Wednesday:
- 8:00 AM Diabetes clinic
- 1:00 PM Diabetes clinic - every other week

Thursday:
- 8:00 AM Morning report
- 8:30 AM In-patient rounds
- 10:00 AM Teaching conference
- 12 noon Core conference

Friday:
- 7:30 AM inpatient rounds
- 8:00 AM Grand Rounds
- 9:00 AM endocrine clinic

Outreach clinic: Daytona Beach by telemedicine every other week, with annual visit for 2 days.

We welcome you to our Department and hope to make this a fun and instructive month for you. Please feel free to approach any of us with questions, concerns or suggestions.

Course Faculty and Staff:

Course Director(s):
- Michael Haller MD
- Janet Silverstein MD
- Desmond Schatz MD, MBBCH
- Toree Malasanos MD
- Arlan Rosenbloom MD
- David Weinstein MD
- Jennifer Miller MD

Course Staff:
- Cynthia Powell

Meeting Place and Time

Pediatric Subspecialty Clinic at Medical Plaza, 0830 or Pediatric morning report at 0800. Email Dr. Haller 1 week before your rotation to determine where to meet. hallemj@peds.ufl.edu

Course Materials

1. Core curriculum presentations and associated key articles are available online
2. Textbooks in pediatric endocrinology are available in faculty offices and you will be provided a pediatric endocrinology review book to use during the rotation

Additional Information

Students on endocrinology/diabetes during the months of June, July and August will participate in one to two weeks at Florida’s Camp for Children and Youth With Diabetes, where they have a unique opportunity to appreciate the full range of the challenge of living with diabetes in a non-clinical setting. Students participating during October and March may attend weekends for teens (October) and families of children with diabetes (March).

Medical Spanish
Prerequisites

4th year UF medical student. This course is not designed for those who are already fluent in Spanish. You must be pre-approved by the course director/instructor before scheduling this elective. Please contact Dr. Donna Parker at 352-273-6656 or send an email to the office manager (Attn: Dr. Parker) at clm@ufl.edu and to the course instructor, Tatiana Doolin - tatiana_doolin@doh.state.fl.us

Course Description

COURSE GOALS: The Medical Spanish course is designed for students who desire to be able to completely conduct an encounter in medical Spanish. Note - Students are allowed 1 excused absence. Additional requests for absence must be preapproved by the Course Director. All students are required to be present for the final exam.

Course Faculty and Staff:

Course Director(s): Donna Parker MD
Course Co-Director(s): Tatiana Doolin
Course Staff: Carol McAllister

Meeting Place and Time

Class meets 2 days a week from 4:00 to 6:00 and on the final Friday for exam from 2:00 to 6:00. A more detailed schedule will be distributed 4 weeks prior to the start of the course.

Course Materials

TBA Students are required to purchase a student workbook and study guide (Hablar El Idioma De Su Cliente - Speaking Your Client’s Language) which should be available in the UF HSC Bookstore. ISBN #09660225-4-8 Students should also purchase a Spanish dictionary.

Additional Information

Scheduling of this elective must be prearranged by the course director and course instructor. Contact Dr. Donna Parker at 352-273-6656 and Tatiana Doolin or send an email (Attn: Dr. Parker) to the office manager and course instructor, for preapproval: clm@ufl.edu (office manager); tatiana_doolin@doh.state.fl.us (instructor)

Neonatology - Jacksonville

PED E 8J | 4th Year Selective | Pediatrics | Clinical Science

Course Description

Learning comprehensive management of ill neonates by assuming primary
responsibility for their care including the history and physical examination, writing orders and arranging consultation and follow-up care.

Course Faculty and Staff:

Course Director(s): Robert Garrison MD
Other Faculty Frank Genuardi MD, MPH
Course Staff: Laurel Conderman, Brenda Carver

Meeting Place and Time

Department of Pediatrics, Learning Resource Center, 3rd Floor, 8:00am

Course Materials

TBA

Additional Information

Students will be assigned to the NICU at Shands/Jacksonville.

Neonatology Elective

PED E 3 | 4th Year Selective | Pediatrics | Clinical Science

Prerequisites

Grade of "B" or better in Pediatric Clerkship.

Course Description

COURSE GOALS: This course will provide an introduction to newborn intensive care that will include, but not be limited to: 1. An organized approach to the total care of complex, sick newborn patients. 2. An understanding of common neonatal respiratory disorders. 3. An understanding of neonatal fluid, electrolyte and nutritional support. 4. Neonatal resuscitation and stabilization. 5. Neonatal invasive procedures. 6. Ethical issues in neonatal medicine.

Course Faculty and Staff:

Course Director(s): David Burchfield MD
Course Staff: Cynthia Powell

Meeting Place and Time

NICU, 7:30am.

Course Materials

Recommended: Avery's Neonatology, Pathophysiology, and Management of the Newborn.
Additional Information

In-house call every 4th night alongside the senior pediatric resident (will follow the 80-hour rule as established in the Department of Pediatrics).

Pediatric - Clinical Independent Study

PED CIS | 4th Year Selective | Pediatrics | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a unique clinical experience with a particular faculty member within the Department of Pediatrics at the University of Florida College of Medicine. Students must submit a Clinical Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student.

Course Faculty and Staff:

Course Director(s):

Course Co-Director(s): Maureen Novak MD, Patrick Duff MD

Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Additional Information

TBA

Pediatric - Externship

PED EXT | 4th Year Selective | Pediatrics | Clinical Science

Prerequisites

UF 4th year medical student
Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville within the Department of Pediatrics. Students should complete the paperwork required from the institution where the rotation is requested and the “in‐house” Externship Application at UF.

Course Faculty and Staff:

Course Director(s):
Course Staff: Amy Roberson

Course Materials

TBA

Pediatric - Independent Study

PED IS | 4th Year Selective | Pediatrics | Basic Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Pediatrics at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Course Materials

TBA

Pediatric Cardiology
Prerequisites

Fourth year medical student

Course Description

This is a course in clinical pediatric cardiology. The goals are as follows: 1. Develop cardiovascular physical examination skills. Distinguishing an innocent murmur from structural congenital heart disease in an ambulatory clinical setting. 2. Develop an approach to the Diagnosis of the critically ill neonate with congenital heart disease by understanding a pathophysiological as well as an anatomical/morphological approach. 3. Understand oxygen transport as it is applied to congenital heart disease. 4. Develop skill in the interpretation of the pediatric electrocardiogram and chest roentgenogram. In addition, develop an appreciation for the diagnostic capability of echocardiography in the management of children with congenital heart disease. This rotation will focus on outpatient evaluation of children with a variety of congenital heart lesions. These patients will be new referrals to Pediatric Cardiology and those patients returning for follow-up evaluation. Each student will see three to five patients during a half-day session and will be precepted by the cardiology staff involved in those clinics. This arrangement provides detailed one-on-one teaching with the staff cardiologist. Students also attend teaching and patient care clinical conferences.

Course Faculty and Staff:

Course Director(s): Frederick Fricker MD
Course Staff: Cynthia Powell

Meeting Place and Time

Human Development Bldg., Room HD303

Course Materials

1. Introductory and reference textbooks of pediatric cardiology. We will provide core curriculum of articles for students' initial review. 2. Personal instruction in physical examination using the cardiology patient simulator "Harvey" available. 3. Pathological demonstrations of common congenital heart lesions.

Pediatric Cardiology - Jacksonville

Prerequisites

4th year medical students

Course Description

Students will spend one month with the Pediatric Cardiology faculty in
Jacksonville. The experience will allow for broad exposure to problems in pediatric cardiology through direct patient contact in the cardiology clinic as well as observation in the echocardiography and catheterization laboratories and in the operating room. Each student's month will be tailored according to their interests.

Course Faculty and Staff:

Course Director(s): Jose Ettedgui MD, Robert English MD
Other Faculty: Kristin Barton MD, Brandon Kuebler MD, Randall Bryant MD, William Marvin MD, Frank Genuardi MD, MPH, Stephanie Lacey DO
Course Staff: Laurel Conderman, Kelsey Kyne, Brenda Carver

Meeting Place and Time

Department of Pediatrics, Learning Resource Center, 3rd Floor, 8:00am.

Course Materials

Syllabus of articles pertaining to congenital and acquired heart disease as well as rhythm disturbances will be given to students rotating on the elective.

Additional Information

Please contact Dr. English for questions regarding this course.

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Pediatric Critical Care (PICU) - Jacksonville

PED E 1J | 4th Year Selective | Pediatrics | Clinical Science

Prerequisites

Completion of 3 years of medical school.

Course Description

Students are required to attend daily AM critical care rounds beginning 0700 hrs Mon-Fri; noon conferences; pediatric critical care conferences and weekly pediatric grand rounds.

Course Faculty and Staff:

Course Director(s): Michael Gayle MD
Other Faculty: Jose Irazusta MD, Solange Benjamin-Thorpe MD, Javed Akhtar MD, Virgilio Saldajeno Jr. MD, Frank Genuardi MD, MPH, Jason Scimeme MD
Course Staff: Laurel Conderman, Brenda Carver, Kelsey Kyne

Meeting Place and Time

Department of Pediatrics, Learning Resource Center, 3rd Floor, 8:00am
Course Materials

Students are encouraged to review pediatric critical care material in textbooks such as The Textbook of Pediatric Care—Editor: Rogers et al, the PICU resource folder on The PICU computer and distributed handout material.

Additional Information

The student is encouraged to take 1-2 night calls during the rotation and one weekend day for 6-8 hours. Students will be assigned to the PICU from 7-4 weekdays and may wish to stay longer with residents and physician assistants for interesting cases.

Pediatric Critical Care Medicine

PED E 11 | 4th Year Selective | Pediatrics | Clinical Science

Prerequisites

Successful completion of 3rd year pediatrics clerkship

Course Description

Updated for the 2012/2013 academic year. COURSE GOALS: 1. The student will become familiar with a systematic approach to recognizing, assessing, and stabilizing the critically ill child. 2. The student will gain experience in some of the technical aspects of caring for the critically ill child, including venous access, arterial access, and airway management. This also includes knowing the indications and contraindications for interventions and understanding how to interpret laboratory and physiologic data. 3. The student will gain experience in assisting in the care of postoperative children. 4. The student will gain experience with applied physiology and pharmacology of all organ systems, with special emphasis on the central nervous, cardiovascular, renal and respiratory systems.

Course Faculty and Staff:

Course Director(s): Tara Smith MD
Course Co-Director(s): Torrey Baines MD
Course Staff: Cynthia Powell

Meeting Place and Time

Shands PICU, 0700 to 1700 daily, with some call responsibility. Brief orientation after rounds on the first day. Call PICU Fellow cell phone at (352) 494-8383 if directions needed.

Course Materials

Standard textbooks on pediatric critical care medicine are available within the intensive care unit. Key articles are located in the ‘Library’ folder on the PICU shared drive. In addition, students are expected to use the online Health Science Library resources to look for evidence-based articles on topics and the online
Additional Information

Students will generally be assigned to night call every fourth night. There is an ICU attending most nights, and an ICU fellow and a pediatric resident in the unit every night providing supervision and teaching.

Pediatric Hematology/Oncology

PED E 5 | 4th Year Selective | Pediatrics | Clinical Science

Prerequisites

3rd Year Pediatrics

Course Description

COURSE GOALS: This is a primarily outpatient based elective. The student will attend pediatric hematology/oncology clinic at the Medical Plaza 5 days per week. There, s/he will see patients in conjunction with the attending physician, perform exams, and establish a treatment plan. There will be a wide variety of patients to be seen including those with malignancies on treatment or following completion of treatment, children and adolescents with benign hematologic problems including anemia, sickle cell anemia, hemophilia and other disorders. New consults will also be seen in clinic and/or the inpatient hematology/oncology/stem cell transplant service. The student will participate in the regular conferences of the Division.

Course Faculty and Staff:

Course Director(s): William Slayton MD
Course Staff: Cynthia Powell

Meeting Place and Time

Medical Plaza and Pediatric Inpatient Service 8:00am - 5:00pm, Monday-Friday.

Additional Information

No required on-call responsibilities.

Pediatric Infectious Diseases

PED E 4 | 4th Year Selective | Pediatrics | Clinical Science

Prerequisites
Fourth year medical student

Course Description

COURSE GOALS: The student will evaluate pediatric patients admitted to the inpatient service with infectious disease problems as well as those patients for whom consultations are requested by other services. He/She will discuss the patients with the inpatient attending, review pertinent literature and write consultation or service notes. Additional experience includes attendance in clinics held each Monday [Infectious Diseases], Wednesday [HIV / AIDS], and Thursday [Infectious Diseases / Travel Clinic]. He/She will be expected to see new and return patients independently, including obtaining history and physical examination, and then present their findings to the clinic attending. Review of the literature regarding interesting patients is expected. He/She is expected to read about common topics in these areas during the rotation. Goals Objectives Competencies Key: P=Professionalism, MK=Medical Knowledge; PC=Patient Care; IC=Interpersonal Communication; SBP=System Based Practice, PBLI=Practice-based Learning & Improvement Goals for Pediatric Infectious Diseases

To gain a working knowledge of how to approach, evaluate and manage patients with infectious diseases. (PC,MK)

To understand how a consultation service provides patient care. (PC,MK,IC)

Work up new patients in outpatient clinic (second year). (PL,MK)

Develop a greater understanding of how to use anti-infective and anti-inflammatory medications, and passive and active immunizations in the treatment and prevention of infectious diseases. (PC,MK,SBP)

Develop skills as a life-long learner relative to infectious diseases using information sources, and evidence-based medicine data and principles (MK, PBLI)

Develop skills as a physician teacher (IC,P)

Objectives for Pediatric Infectious Diseases

Complete 4-8 inpatient consultations (written or dictated) and follow them as the primary consultant re: follow-up, communicating with and teaching other students/residents involved the case. (PC,MK,IC)

Complete 3-4 outpatient consultations. (PC,MK)

Research at least one topic (of your own interest) related to ID to present to the group. (MK,PBLI)

Prepare and give a 10-15 minute didactic presentation (with the help of the Faculty) to the Blue Team as part of their ID education (MK, PBLI)

Complete at least one - Evidence-based Medicine search, identify one appropriate EBM article, analyze it and present your analysis to the attending / ID team. (MK,PBLI)

Prepare a case in Morning Report Format with specific objectives for discussion and have a brief (<10 minute) summary/discussion in response to the important aspect(s) of the case (MK,PBLI)

Specific Topics to be addressed
1) Antimicrobial Therapy — decision making, choices, potential side effects, risks/benefits
2) Antiviral Therapy — indications, decision making, potential side effects, risk/benefit
3) Antifungal Therapy — indications, decision making, potential side effects, risk/benefit
4) How to use the Red Book — what information is in there
6) The “Standard” ID Evaluation and Work-up
7) Approach to FUO
8) Complications of “Routine” or Common Infections in Children
9) Approach to the Evaluation of a Child with “Too many infections!”
10) How to receive / give the best ID consult and how to use your consultant
11) Identification/characterization of pediatric patients at high risk for infection (e.g. CF, neonates/premature infants, Immune deficiency, Immune suppression, etc.)
12) Active and Passive Prophylaxis for “High Risk Patients”
13) Evaluation and Management of Neonatal HSV Infection
14) Evaluation and Management of Pediatric HIV Infection
15) Prevention of Perinatal
HIV Transmission — the pediatrician’s role

Course Faculty and Staff:

Course Director(s): Robert Lawrence MD

Course Staff: Cynthia Powell

Meeting Place and Time

Academic Research Building, Rm. R1-118, 8:00am Monday-Friday.

Course Materials


Additional Information

Student is expected to give a 20- 30 minute presentation (knowledge or information about a condition, disease process or medical treatment / intervention by the end of rotation on an area of interest in Rheumatology, ID, or Immunology. A separate EBM presentation will also be expected --clinical scenario, PICO question, literature search and analysis of the EBM paper and its applicability to the original clinical scenario.

Pediatric Infectious Diseases and Immunology - Jacksonville

PED E 5J | 4th Year Selective | Pediatrics | Clinical Science

Course Description

This rotation exposes the medical student to a variety of pediatric infectious diseases patients in the hospital and outpatient settings. It allows first-hand clinical work supervised by faculty and fellows at various inpatient settings at Wolfson Children's Hospital (i.e. general floors, pediatric and neonatal intensive care units) as well as pediatric infectious diseases outpatient clinic. The student will have the opportunity to join faculty members at the University's Rainbow Center (for the care of HIV patients) and the Duval County Health Department's weekly Tuberculosis Clinic. During the rotation the student will attend various didactic conferences for the division. He/She will be expected to participate in clinical case presentations, journal club, microbiology laboratory rounds, and grand rounds.

Course Faculty and Staff:

Course Director(s): Mobeen Rathore MD, Nizar Maraqa MD

Other Faculty: Michael Miller MD, Ana Alvarez MD, Ayesha Mirza MD, Frank Genuardi MD, MPH
Meeting Place and Time

Department of Pediatrics, Learning Resources Center, 3rd Floor, 8:00am

Course Materials

Textbook of Pediatric Infectious Diseases - Editors: Feigin, Cherry, Demmler and Kaplan; Principles and Practice of Pediatric Infectious Diseases - Editors: Long, Pickering and Prober; Infectious Diseases of the Fetus and the Newborn Infant - Editors; Remington and Klein; Pathology of Infectious Diseases - Editors: Connor, Chandler, Schwartz, Manz and Lack Red Book (AAP) - Editor: Pickering

Pediatric Nephrology and Rheumatology - Jacksonville

PED E 7J | 4th Year Selective | Pediatrics | Clinical Science

Prerequisites

Fourth-year medical student

Course Description

The Division of Pediatric Nephrology and Rheumatology in Jacksonville cares for a large number of patients with acute and chronic diseases that involve the kidney and the collagen vascular system. The Division covers inpatient consultation in the general pediatric floor as well as in the nursery and pediatric intensive care units. We also care for patients with end stage kidney disease on dialysis or post kidney transplant. We have a large outpatient clinic caring for variety of renal and rheumatologic disorders. By the end of this course, the students will become familiar with common renal and rheumatologic diseases including pediatric hypertension, fluids and electrolytes, renal replacement therapy, juvenile rheumatoid arthritis, lupus, et cetera.

Course Faculty and Staff:

Course Director(s): Asad Tolaymat MD
Other Faculty Frank Genuardi MD, MPH, Mohammad Ilyas MD
Course Staff: Laurel Conderman, Brenda Carver, Kelsey Kyne

Meeting Place and Time

Department of Pediatrics, Learning Resource Center, 3rd Floor, 8:00am

Course Materials

TBA
Pediatric Neurology

PED E 25 | 4th Year Selective | Pediatrics | Clinical Science

Prerequisites

4th year medical student with successful completion of pediatrics as a 3rd year

Course Description

This rotation is designed to familiarize the student with the wide range of pediatric neurologic conditions encountered in children. Medical students must learn the basic concepts of pediatric neurology, neuroanatomy, epileptology, and developmental and behavioral neurology, i.e. develop the ability to diagnose and understand the basic mechanisms of pediatric neurological diseases and formulate a logical plan of treatment. Faculty in Pediatric Neurology at the University of Florida believe that the Key Success Factors include: 1. The development of excellent communication skilled with the families of children with neurological/behavioral concerns. (PC, IC) 2. Learning to perform an adequate pediatric neurological examination in patients that range in age from newborn to young adult. (PC) 3. Knowing what neurodiagnostic tests are required and are cost-effective in managing the patient. (PC, MK, SBP) The student will have opportunities to acquire knowledge, skills, values, and attitudes in child neurology by participating directly in the care of patients with an array of conditions including: attention deficit disorder, brain tumor, phakomatosis, newborn disorder, mental retardation, micro/macrocephaly, motor disturbance, CNS infection, neuromuscular disturbance, trauma, sleep disturbance, disorder of consciousness, endocrine disorder, metabolic syndromes, immunologic syndromes, genetic and chromosomal abnormalities, dementia, congenital malformations, and many others.

Course Faculty and Staff:

Course Director(s): Paul Carney MD
Other Faculty Edgard Andrade MD
Course Staff: Cynthia Powell

Meeting Place and Time

8 am on the day of start in Morning Report at Shands Childrens Hospital

Course Materials

pediatric neurology readings will be recommended by the faculty

Additional Information

Email Dr Paul Carney and Amy Cole at least 2 weeks before start of the elective.

Pediatric Pulmonary Medicine
Prerequisites

4th year medical student

Course Description

This elective is based on inpatient and outpatient experience with children followed by our service for chronic and acute respiratory problems. The student will attend the pediatric pulmonary clinic, see patients on the inpatient service, and in consultation with other clinical services. Based on the student’s preferences, the time spent on each of these can be adjusted. There will be a wide variety of patients, including infants and children with cystic fibrosis, asthma, congenital lung malformations, and chronic lung disease of infancy. Students will be introduced to pulmonary diagnostic tests such as pulmonary function testing, flexible bronchoscopy, sleep studies and radiologic evaluation of lung disease. The student will participate in the regular conferences of the Pulmonary Division, where he/she will interact with a multi-disciplinary team involved in the care of children with lung disease.

Course Faculty and Staff:

Course Director(s): Mutasim Abu-Hasan MD
Course Staff: Cynthia Powell

Meeting Place and Time

Room D2-15 (Pediatric Pulmonology office) 8:30 am on first day of rotation

Additional Information

Please contact Brenda Martin at 273-8380 the week before your rotation so that she can prepare a set of articles and CDs to be used during the elective

Pediatric Renal Clinical Rotation

Prerequisites

4th year medical student

Course Description

COURSE GOALS: The student will evaluate new patients and/or interesting return patients during morning clinics each week. He/She will be asked to see the consultations on the Inpatient Service and to perform a literature search on the patient problem. All patients will be reviewed with the pediatric renal attending. The student will attend daily round and conferences with the pediatrics renal attending. At least one patient will be reviewed with the student daily. The student will be encouraged to review pertinent literature as related to each
patient. The student will attend a minimum of six renal seminars every month and as many of the 4 patient care conferences every month.

**Course Faculty and Staff:**

*Course Director(s):* Eduardo Garin MD  
*Course Staff:* Cynthia Powell

**Meeting Place and Time**

Pediatric Clinic and Inpatient Service Areas 8:00am-5:00pm, Monday-Friday and 9:00am-12:00pm on week-ends.

**Course Materials**

Lectures and handouts. Four afternoon Pediatric nephrology state of the art conferences per month. Three pediatric nephrology core lectures very month. Four patient care conferences every month. Two renal pathology conferences every month. A Pediatric Nephrology Manual available on the Web and by e-mail.

**Additional Information**

Clinics are on Monday all day, Tuesday, Thursday and Friday mornings, Wednesday afternoons. Pediatric dialysis unit is on 5th floor of hospital. Pediatric nephrology office is HD-214 on 2nd floor of Human Development Building.

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**Pediatric Rheumatology**

PED E 26 | 4th Year Selective | Pediatrics | Clinical Science

**Prerequisites**

Fourth year medical student

**Course Description**

The student will evaluate pediatric patients in clinic and admitted to the inpatient service with immundeficiencies and autoimmune/rheumatologic problems as well as those patients for whom consultations are requested by other services. He/She will discuss the patients with the inpatient attending, review pertinent literature and write consultation or service notes. Additional outpatient experience includes attendance in clinics held each Monday [Rheumatology], Tuesday [Immunology/Rheumatology], Wednesday [Rheumatology], and Friday [Rheumatology]. He/She will be expected to see new and return patients independently, including obtaining history and physical examination, and then present their findings to the clinic attending. Review of the literature regarding interesting patients is expected. He/She is expected to read about common topics in these areas during the rotation.

**Course Faculty and Staff:**

*Course Director(s):* Renee Modica MD
**Meeting Place and Time**

TBA: Please call the main office at: 352-294-5252 to contact the on-service attending for the specific schedule and meeting times. Clinic Location: 4th floor of shand's hospital infusion room for pediatric subspecialties. Inpatient rounds: 4

**Course Materials**

Textbook of Pediatric Rheumatology by Cassidy and Petty. "PRINTO" website for educational materials for patients and families. Up To Date website: section on pediatric rheumatology and immunology.

**Additional Information**

Please call the main office at: 352-294-5252 to contact the on-service attending for the specific schedule and meeting times. Clinic Location: 4th floor of shand's hospital infusion room for pediatric subspecialties. Inpatient rounds: 4200 (green team rounding room). Also, rounds with consultants on other services.

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**Primary Care in Nicaragua**

PED E 12 | 4th Year Selective | Pediatrics | Clinical Science

**Prerequisites**

Completion of third year clerkships.

**Course Description**

**COURSE GOALS:** The course will consist of a cultural and clinical experience at urban and/or community clinics in Nicaragua and Central America. 1. To provide students with an opportunity to diagnose and treat a variety of diseases seen with higher frequency in developing countries. A University of Florida faculty will directly supervise all work. 2. To provide a clinical setting which medical students may learn about primary health care provision in a developing country. 3. To provide an orientation/opportunity to learn about the interaction between health care professionals and agricultural, economic, and social programs in Nicaragua. To observe how these disciplines cooperate to eradicate some of the most debilitating and pervasive diseases of developing countries, such as, diarrhea and malnutrition. 4. To provide a setting in which students will be surrounded by a culture other than their own. 5. To provide an opportunity for students to interact and share ideas with Central American health care students and professionals so as to learn first-hand of the health care systems of our nation's neighbors. 6. To provide a setting for students to perform research projects in community health with the participation of Nicaraguan medical students. 7. Before the course begins, students will be expected to attend three or four meetings with the supervising faculty member to discuss various aspects of the trip (e.g. clothing to bring, supplies, and expectations with regard to student performance and learning objectives). 8. Each student will be required to keep a log of patient visits during the rotation and to submit one patient story.
Course Faculty and Staff:

Course Director(s): Donald Eitzman MD, Larry Rooks MD

Meeting Place and Time

TBA

Additional Information

Individual costs are estimated at $650 which includes airfare and living expenses. Limited to 25 students.

Req. Pediatrics - Shands General

PED R 1 | 4th Year Required | Pediatrics | Clinical Science

Prerequisites

Satisfactory completion of third year pediatric clerkship. - 4th year UF medical student

Course Description

COURSE GOALS: To learn comprehensive management of pediatric inpatients by assuming primary responsibility for their care including the history and physical examination, formulating independent assessments and plans, writing orders and arranging consultation and follow-up care. The student will function as an acting-intern and will be supervised by the attending and the senior resident. There will also be opportunities for procedure skills labs and individualized meetings with the course director to discuss pertinent pediatric topics. The objective of this clerkship is to prepare the interested student for an internship in pediatrics.

Course Faculty and Staff:

Course Director(s): Shelley Collins MD
Course Staff: Cynthia Powell

Meeting Place and Time

Pediatrics Inpatient Service, Shands Hospital at the University of Florida, Gainesville

Course Materials

Nelson Textbook of Pediatric or Oski Principles and Practice of Pediatrics, pertinent journal and Internet resources; Recommended text is Zitelli Davis Atlas of Pediatric Physical Diagnosis

Additional Information
You will act as an intern on one of three of the inpatient pediatric teams. You will receive a schedule and more information before you begin from the course director and the chief residents.

**Req. Pediatrics - Shands NICU**

**PED R 2 | 4th Year Required | Pediatrics | Clinical Science**

**Prerequisites**

Satisfactory completion of third year pediatric clerkship - 4th year UF medical student

**Course Description**

COURSE GOALS: To learn comprehensive management of ill neonates by assuming primary responsibility for their care including the history and physical examination, writing orders and arranging consultation and follow-up care.

**Course Faculty and Staff:**

Course Director(s):
Course Co-Director(s): Shelley Collins MD
Other Faculty: David Burchfield MD
Course Staff: Cynthia Powell

**Meeting Place and Time**

Neonatal Intensive Care Unit

**Course Materials**

Nelson Textbook of Pediatric or Oski Principles and Practice of Pediatrics, pertinent journal and Internet resources

**Req. Pediatrics-Team A-Jacksonville (Wolfson's)**

**PED R 1J | 4th Year Required | Pediatrics | Clinical Science**

**Prerequisites**

Satisfactory completion of third year pediatric clerkship, 4th year medical student

**Course Description**

Team A = General Pediatrics, Infectious Disease, GI and Neurology COURSE GOALS: To learn comprehensive management of pediatric inpatients by assuming primary responsibility for their care including the history and physical examination, writing
orders and arranging consultation and follow-up care.

Course Faculty and Staff:

Course Director(s): Freddie Guyer MD
Other Faculty: Jose Zayas DO, Deval Patel MD, Frank Genuardi MD, MPH, Mark Toney MD, Suzanne Bilyeu MD, Clifford David MD, MPH, Joanne Adkison MD, Deborah Abram MD, Kuo “Jimmy” Chen MD, Nedda Salehi MD, Akshata Hopkins
Course Staff: Laurel Conderman, Kelsey Kyne, Brenda Carver

Meeting Place and Time

Department of Pediatrics, Shands Jacksonville Learning Resource Center 3rd floor (student will report to Wolfson Children’s Hospital after checking in)

Course Materials

Nelson Textbook of Pediatric or Oski Principles and Practice of Pediatrics, pertinent journal and Internet resources

Additional Information

You will act as an intern on one of the pediatric teams. You will receive a schedule and more information before you begin from the course director and chief residents.

Req. Pediatrics-Team B-Jacksonville (Wolfson’s)

PED R 2J | 4th Year Required | Pediatrics | Clinical Science

Prerequisites

Satisfactory completion of third year pediatric clerkship, 4th year medical student

Course Description

Team B = Hematology/Oncology, Cardiology and Endocrinology COURSE GOALS: To learn comprehensive management of pediatric inpatients by assuming primary responsibility for their care including the history and physical examination, writing orders and arranging consultation and follow-up care.

Course Faculty and Staff:

Course Director(s): Frank Genuardi MD, MPH
Other Faculty: Robert English MD, Eric Sandler MD, Robert Olney MD
Course Staff: Laurel Conderman, Kelsey Kyne, Brenda Carver

Meeting Place and Time

Department of Pediatrics, Shands Jacksonville Learning Resource Center 3rd floor (student will report to Wolfson Children’s Hospital after checking in)
Course Materials

Nelson Textbook of Pediatric or Oski Principles and Practice of Pediatrics, pertinent journal and Internet resources

Additional Information

You will act as an intern on one of the pediatric teams. You will receive a schedule and more information before you begin from the course director and chief residents.

Req. Pediatrics-Team C-Jacksonville (Wolfson's)

PED R 3J | 4th Year Required | Pediatrics | Clinical Science

Prerequisites

Satisfactory completion of third year pediatric clerkship. 4th year medical student

Course Description

Team C = General Pediatrics, Nephrology, Pulmonology and Genetics COURSE GOALS: To learn comprehensive management of pediatric inpatients by assuming primary responsibility for their care including the history and physical examination, writing orders and arranging consultation and follow-up care.

Course Faculty and Staff:

Course Director(s): Freddie Guyer MD


Course Staff: Laurel Conderman, Kelsey Kyne, Brenda Carver

Meeting Place and Time

Department of Pediatrics, Shands Jacksonville Learning Resource Center 3rd floor (student will report to Wolfson Children's Hospital after checking in)

Course Materials

Nelson Textbook of Pediatric or Oski Principles and Practice of Pediatrics, pertinent journal and Internet resources

Additional Information

You will act as an intern on one of the pediatric teams. You will receive a schedule and more information before you begin from the course director and chief residents.
The Use of Narrative Medicine in Pediatrics - Health through Stories

PED E 18 | 4th Year Selective | Pediatrics | Basic Science

Prerequisites

4th year medical student

Course Description

The course work will be based on interviewing pediatric patients and their families and practicing narrative writing with 3 goals in mind; 1) Presenting the patient's history of illness accurately in a form useful for traditional medical presentation. 2) Practicing narration of the patient's history from their personal perspective. 3) Be able to analyze the similarities and differences between the narrations created from these two distinct perspectives and begin to use that understanding to modify one's understanding of health and illness. Additional readings and writings will be shared and discussed from other sources to add to and stimulate analysis and discussion. The student will keep a portfolio of the interviews, written narrations and analyses. Course description

Course Faculty and Staff:

Course Director(s): Robert Lawrence MD
Course Staff: Carole Bixby

Meeting Place and Time

Dr. Lawrence's Office R1-118 - 294-5252, lawrerm@peds.ufl.edu meeting time approximately one week before starting the course to prepare and arrange meetings.

Course Materials

1) Handout materials available on the first day. 2) Ten Years of Medicine and the Arts - Academic Medicine 1991-2001

Additional Information

Dates offered will relate to both Dr. Lawrence's and the students availability. The preferred duration of the elective is 2 weeks, although if a student has a particular project or goals in mind then 4 weeks can be arranged. The student can directly contact Dr. Lawrence via e-mail to negotiate the dates.

Pharmacology - Independent Study

PHARM IS | 4th Year Selective | Pharmacology | Basic Science

Prerequisites
UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Anatomy at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s):

Course Co-Director(s): Maureen Novak MD, Patrick Duff MD

Meeting Place and Time

TBA

Course Materials

TBA

Physical Medicine and Rehabilitation - Externship

PMR EXT | 4th Year Selective | Physical Medicine and Rehabilitation | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville within the department of Physical Medicine and Rehabilitation. Students should complete the paperwork required from the institution where the rotation is requested and the “in-house” Externship Application at UF.

Course Faculty and Staff:

Course Director(s):

Course Staff: Amy Roberson

Meeting Place and Time

TBA
Physical Medicine and Rehabilitation - Independent Study

PMR IS | 4th Year Selective | Physical Medicine and Rehabilitation | Basic Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study or unique clinical experience with a particular faculty member within the Department of Anatomy at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Physical Medicine and Rehabilitation Elective

ORTH E 3 | 4th Year Selective | Physical Medicine and Rehabilitation | Clinical Science

Prerequisites

Satisfactory completion of third-year clerkships.
Course Description

COURSE GOALS: To increase the student's knowledge of assessment and management of persons with severe impairment and disability following neurologic or musculoskeletal injuries who will benefit from comprehensive inpatient rehabilitation. This course will emphasize medical aspects of managing a patient in rehabilitation over a course of time to improve the functional outcome and enhance community reintegration. This course is recommended for all students interested in physical medicine and rehabilitation and will be tailored to meet their interests and needs whether they are considering a career as a primary care physician or specialist.

Course Faculty and Staff:

Course Director(s): Kevin Vincent MD, PhD
Course Staff: MaryEllen Paulk

Meeting Place and Time

Shands Rehab Hospital, 4101 NW 89th Blvd., at 0800, Monday-Friday, may be some Musculoskeletal clinics at the in the Orthopaedic and Sports Medicine Institute on Hull Road, if the student desires.

Course Materials

Selected readings will be suggested by attending physicians based on the diagnosis of patients admitted during the rotation and basic musculoskeletal injuries seen in the outpatient clinics.

Physiology - Independent Study

PHY IS | 4th Year Selective | Physiology | Basic Science

Prerequisites

4th year UF medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Physiology at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s):
Meeting Place and Time

TBA

Course Materials

TBA

Plastic & Reconstructive Surgery UF&Shands/VAMC

SUR E 4 | 4th Year Selective | Plastic Surgery | Clinical Science

Prerequisites

A third-year rotation in Plastic and Reconstructive Surgery is useful, but not required. We welcome all interested fourth-year medical students.

Course Description

COURSE GOALS: During a month long rotation, a student will perform as an extern under the supervision of the resident staff and the faculty. The emphasis will be on the principles of the diverse field that is Plastic and Reconstructive Surgery and the preoperative decision-making and postoperative care involved. The student will be expected to assist in surgeries and be exposed to variety of patients in clinic. There will also be an emphasis on basic surgical skills. The student will also give a short presentation on a Plastic Surgery topic of choice at the conclusion of the rotation.

Course Faculty and Staff:

Course Director(s): Sonu Jain MD
Course Staff: Michele Silver, Brittany Fink

Meeting Place and Time

Please contact the Course Director prior to the start of the rotation.

Course Materials

COURSE MATERIALS: Students will be given the Plastic and Reconstructive Surgery Essentials for Students packet, if they have not already received it. Learning will be from many sources - Core Curriculum, Morbidity & Mortality, Grand Rounds, Preoperative Conference, and Journal Club. Also the faculty and residents will be involved with teaching both in clinic and in the operating theater. The student will have the opportunity to learn from and participate in the care of patients with a variety of surgical problems. The student will be an active participant on the service.

Additional Information
If there are any questions regarding any aspect of the rotation, please do not hesitate to get in touch with us.

3rd Year Psychiatry

3 PSY | 4th Year Selective | Psychiatry | Clinical Science

Course Description

Scheduling of this course must first be arranged with the Office of Medical Education prior to entering it on your 4th year schedule. This course should be scheduled during the time period in which a 3rd year clerkship is to be completed during the 4th year.

Course Faculty and Staff:

Course Director(s): Heather Harrell MD

Meeting Place and Time

TBA

Course Materials

TBA

Addiction Medicine Externships

PSY E 12 | 4th Year Selective | Psychiatry | Clinical Science

Prerequisites

The student will arrange for the host University's acceptance. Ability to find housing. Guidance and referrals will be provided by the Course Director, along with Education Coordinators Valerie Moreau and Mary Beth Titsworth

Course Description

Addiction medicine and addiction psychiatry are new divisions and new departments at most major universities in the United States. Through collaborative relationships we have been able to facilitate externships at one of the following. Don Jasinski, M.D. Johns Hopkins, Medicine Patrick O'Connor, M.D. Yale, Medicine Mark Aronson, M.D. Harvard, Medicine David Gastfriend, M.D., Harvard, Psychiatry Robert Dupont, M.D., Georgetown, Psychiatry David Smith, M.D. UCSF, Public Health Gene Jack Wang, M.D., Ph.D. Brookhaven, Addiction Radiology Robert Swift, M.D., Ph.D., Brown, Psychiatry Herb Kleber, M.D., Columbia, Psychiatry Barry Stimmel, M.D., Mt Sinai, Medicine Jean Lud Cadet, M.D., Johns Hopkins, Neurology/Psychiatry
Course Faculty and Staff:

Course Director(s): Mark Gold MD
Other Faculty Robert Averbuch MD
Course Staff: Terry Lemesh

Meeting Place and Time

Varies with externship location

Course Materials


Additional Information

Plan early, these are the most competitive externships in the United States. For more details please contact Mary Beth Titsworth at 392-1515 or Val Moreau at 392-8039

Brain Stimulation Unit (BSU) at Shands

PSY E 4 | 4th Year Selective | Psychiatry | Clinical Science

Prerequisites

Completion of third year clerkship

Course Description

This elective offers additional training in acute, inpatient psychiatry and psychopharmacological treatment, with a particular emphasis on electroconvulsive therapy.

Course Faculty and Staff:

Course Director(s): Louis Solomon MD
Course Co-Director(s): Robert Averbuch MD
Other Faculty Robert Averbuch MD
Course Staff: Terry Lemesh

Meeting Place and Time

Brain Stimulation Unit (BSU); 5th floor, Shands Hospital, 8am

Additional Information

For more information please contact Valerie Moreau at vmoreau@ufl.edu or 392-8039
Child and Adolescent Psychiatry

PSY E 5 | 4th Year Selective | Psychiatry | Clinical Science

Prerequisites

Fourth Year Medical Student - students must contact the Course Director prior to the start of their rotation.

Course Description

This rotation will be tailored to the specific interests and needs of participating students. It can include inpatient as well as outpatient experiences (autism, ADHD, OCD, Tourette's Disorder, Mood and Thought Disorders); rotations to community-based or off-clinic sites; including community mental health in rural settings; juvenile justice and inpatient child psychiatry. Tuesday AMs can be spent with child psychiatry fellows in didactics. This elective is well-suited for students who want to learn more Child and Adolescent Psychiatry; whether they wish to enter a primary care or a Psychiatry residency in the future.

Course Faculty and Staff:

Course Director(s): Mathew Nguyen MD  
Other Faculty Robert Averbuch MD  
Course Staff: Terry Lemesh

Meeting Place and Time

Students must contact the Course Director prior to the start of their rotation.  
Time: 8am at beginning of rotation  
Place: Division of Child and Adolescent Psychiatry Outpatient Clinic 4th Floor; Shands Medical Plaza  
E-mail Mathew Nguyen, MD at mlng

Course Materials


Additional Information

Faculty Participants - All faculty of the Division of Child and Adolescent Psychiatry.

Flexible Psychiatry

PSY E 2 | 4th Year Selective | Psychiatry | Clinical Science
Prerequisites

Satisfactory completion of third year clerkship in Psychiatry. Note, students from outside UF COM must get prior approval from Course Director.

Course Description

Senior medical students wishing to receive additional training in a setting that does not meet the parameters described under other 4th year Psychiatry Elective offerings may choose this course. Examples include experience on the inpatient adult psychiatry services at Vista (including the Florida Recovery Center), the VA medical center inpatient and consultation services, the brand new outpatient facility in Vero Beach, Jacksonville community psychiatry services, and others. It is preferable for students to complete all 4 weeks in the same location. In the spring months students may elect to serve as a teaching assistant in the Human Behavior Course (small groups, etc.).

Course Faculty and Staff:

Course Director(s): Robert Averbuch MD
Course Co-Director(s): Jacqueline Hobbs MD, PhD
Course Staff: Terry Lemesh

Meeting Place and Time

To be arranged depending on the specific site/experience chosen. Please contact Mary Bef Titsworth at 392-1515 or email mbt@ufl.edu. Students must make arrangements with Dr. Averbuch or Dr. Hobbs about the specifics of their experience/rotation.

Course Materials

Vary depending on the experience chosen.

Additional Information

Please note, those wishing to complete any portion of this elective with a Child/Adolescent Psychiatry experience and/or Consult/Emergency Psychiatry rotation should contact Dr. Nguyen and register for the Child and Adolescent Psychiatry Elective instead.

Forensic Psychiatry

PSY E 6 | 4th Year Selective | Psychiatry | Clinical Science

Course Description

Forensic psychiatry is a medical subspecialty that includes research and clinical practice in the many areas in which psychiatry is applied to legal issues. While some forensic psychiatrists may specialize exclusively in legal issues, almost all physicians may, at some point, have to work within one of the many areas in which the medical system and legal system overlap. Students will be exposed to
various legal issues during their rotation. These may include: Criminal responsibility, Competence, civil and criminal, Child custody and visitation, Psychic injury, Mental disability, Malpractice. The student will have the opportunity to work closely with a team of physicians as they perform evaluations and prepare a case for trial. Depending on court scheduling, students may have the opportunity to accompany the physicians as they give expert testimony in actual depositions and trials. COURSE GOALS: 1. Understand basic principles of interaction between psychiatry and the law. 2. Appreciate how psychopathology affects one's legal status in a number of issues. 3. Attend civil and criminal depositions and trials with Dr. Werner and other forensic faculty.

Course Faculty and Staff:

Course Director(s): Tonia Werner
Other Faculty: Brian Cooke MD
Course Staff: Jason Demery MD, Terry Lemesh, Tina Hall

Meeting Place and Time

9:00 a.m. - 5:00 p.m. Monday through Friday - Rotations and assignments can be flexible. Students will attend evaluations, seminars and some correctional rotations with Forensic Residents.

Course Materials

Forensic Psychiatry residency seminar materials, seminars, patients at Lowell Correctional Institution and Reception Medical Center

Additional Information

For more information please contact Tina Hall at 352-265-3284 or tinahall@ufl.edu

McKnight Brain Institute Research

PSY E 14 | 4th Year Selective | Psychiatry | Clinical Science

Prerequisites

4th year medical student

Course Description

This elective will improve the student's understanding about the neuronal substrates that compromise the brain reward system. In addition, the student will have insight in the role of brain stress systems in drug withdrawal. If the IACUC requirements are met, the student can participate in rodent experiments. In our laboratory, we investigate the brain areas that mediate the negative affective state of drug withdrawal. The main models that are used are rodent intra-cranial self-stimulation and rodent drug self-administration. Current research focuses on nicotine and opioid dependence.

Course Faculty and Staff:
Course Director(s): Mark Gold MD, Adrie Bruijnzeel PhD
Course Co-Director(s):
Other Faculty: Robert Averbuch MD
Course Staff: Terry Lemesh

Meeting Place and Time

TBA

Course Materials

Study material will be provided at the beginning of the course by one of the course directors.

Additional Information

For more information please contact Mary Beth Titsworth at 392-1515 or mbt@ufl.edu

Pain and Addiction

PSY E 10 | 4th Year Selective | Psychiatry | Clinical Science

Prerequisites

None

Course Description

COURSE GOALS: This course will provide: 1. An introduction to pain as a public health problem including the epidemiology, social consequences, economic impact and medicolegal and compensation issues. 2. An understanding of the definition of pain that involves both physiological and psychological aspects. 3. A review of neuroanatomy and neurophysiology as it applies to the daily pain problems seen in the clinic. 4. A review of the pharmacology of local anesthetics, analgesic drugs (both opioid and non-opioid), and adjunctive medications (antidepressants, anticonvulsants, etc.). 5. An introduction to the evaluation of patients presenting with pain syndromes, including acute and chronic problems, addictive illness behavior, and pain as a coded message of psychiatric disease or distress. 6. Development of treatment plans pertinent to each patient and pain syndrome to include all appropriate modalities. 7. Observation of interventional techniques and active participation in those techniques that will be utilized in the primary care of patients.

Course Faculty and Staff:

Course Director(s): Gary Reisfield MD
Other Faculty: Robert Averbuch MD
Course Staff: Terry Lemesh

Meeting Place and Time
Course Materials

1. The Selfish Brain; Robert L. Dupont, M.D. 2. The Biochemical Basis of Neuropharmacology; Cooper, Bloom and Roth 3. Select journal articles and online readings associated with particular cases, patient experiences 4. Wide variety of patient populations and treatment settings (FRC-Residential, FRC-Impaired Professional, Meridian, VA, VA-ambulatory, TPC Village (JAX), Gateway (Jax), Stewart Marchman (Daytona), outpatient pain and iatrogenic addiction programs and UF Student Mental Health

Additional Information

For more information please contact Terry Lemesh tjlemesh@ufl.edu 294-4909

Psychiatry - Clinical Independent Study

PSY CIS | 4th Year Selective | Psychiatry | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a unique clinical experience with a particular faculty member within the Department of Psychiatry at the University of Florida College of Medicine. Students must submit a Clinical Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student.

Course Faculty and Staff:

Course Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Additional Information
Psychiatry - Externship

PSY EXT | 4th Year Selective | Psychiatry | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville within the Department of Psychiatry. Students should complete the paperwork required from the institution where the rotation is requested and the “in-house” Externship Application at UF.

Course Faculty and Staff:

Course Director(s):

Course Staff: Amy Roberson

Course Materials

TBA

Psychiatry - Independent Study

PSY IS | 4th Year Selective | Psychiatry | Basic Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Psychiatry at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:
Course Materials

TBA

Psychiatry Consultation/Liaison

PSY E 15 | 4th Year Selective | Psychiatry | Clinical Science

Prerequisites

Fourth Year Medical Student - students must contact the Course Director prior to the start of their rotation.

Course Description

This rotation exposes students to the interface of Psychiatry with other medical specialties, especially as many inpatients have significant co-morbidities. The focus will be on the treatment of psychiatric emergencies and the management of the agitated patient. Students will help to evaluate and treat patients with psychiatric and medical/surgical Co-morbidities. Students will also take part in attending rounds and teaching conferences. The rotation can be tailored to the specific interests and needs of participating students, depending on what field choice they have made. Students can be assigned to take care of patients with specific co-morbidities or in particular settings (ie ICU, ER, etc.) that would best enhance their medical knowledge for their future residency.

Course Faculty and Staff:

Course Director(s): Mathew Nguyen MD
Course Staff: Terry Lemesh

Meeting Place and Time

Students must contact the Course Director prior to the start of their rotation.
Time: 8am at beginning of rotation
Place: Psychiatry Consultation/Liaison workroom. Please e-mail Dr. Nguyen before the rotation begins: mlnguyen@ufl.edu.

Course Materials

DSM-IV Diagnostic and Statistical Manual of Mental Disorders

Additional Information

Faculty Participants – Mathew Nguyen, MD and Julie Demetree, MD
Psychiatry Outpatient Clinics

PSY E 7 | 4th Year Selective | Psychiatry | Clinical Science

Prerequisites

Satisfactory completion of third year clerkship in Psychiatry. Note, students from outside UF COM must obtain prior approval from Course Director.

Course Description

Senior medical students will receive training in the comprehensive evaluation and treatment of a wide variety of psychiatric conditions, managed in the outpatient setting. The Medical Plaza Psychiatric (MPP) Clinic and the Springhill Psychiatry Clinic are the primary location for this rotation. However, students may also elect to complete some or all of the rotation at our Vero Beach Clinics. Clinic specialty areas include Women’s Health, Neuropsychiatry, DBS, and Weight Management. Medical students will work closely with psychiatry residents under the supervision of an attending with expertise in a given diagnostic area. Students may also be involved in the mentoring and instruction of 3rd year clerkship students currently rotating on psychiatry.

Course Faculty and Staff:

Course Director(s): Robert Averbuch MD
Course Co-Director(s): Herbert Ward MD
Course Staff: Terry Lemesh

Meeting Place and Time

To be arranged. Please contact Mary Beth Titsworth (mbt@ufl.edu)352-294-4909 and Dr. Averbuch (averbuch@ufl.edu) a few weeks prior to arrange.

Course Materials

DSMIV-TR Pocket Companion Kaplan and Saddock’s Synopsis of Psychiatry, Latest Edition

Additional Information

Please note, in the past, this rotation was selected for those interested in inpatient services (including Addictions) and consult rotations. These areas are now offered as distinct, separate courses.

Intro. to Radiation Oncology

RON E 1 | 4th Year Selective | Radiation Oncology | Clinical Science

Prerequisites

The student should have completed most, if not all, of their third year clinical
rotations.

Course Description

COURSE GOALS: The principle objective of this course is to provide the student with an intimate exposure to the examination, diagnosis and treatment of the cancer patient. Emphasis is placed on methods of physical diagnosis and include detailed instruction in head and neck examination techniques, diagnostic maneuvers in gynecological examination and workup of patients with lymphoreticular malignancies. In general, the program is structured to allow the student to concentrate his/her effort in areas that compliment career plans. This course is a tremendous opportunity for a medical student to evaluate and examine a large number and variety of cancer patients. Any student who is interested in a specialty which will interact with radiation oncologists is encouraged to use this opportunity to learn about the specialty. Approximately 250 cancer patients are seen each week in the department. The University of Florida Proton Therapy Institute in Jacksonville, FL is an excellent opportunity for the student to learn about Proton therapy. This is an off-site clinic- an extension of the U.F. Gainesville Rad/Onc clinic.

Course Faculty and Staff:

Course Director(s): Robert Amdur MD
Course Staff: Shana Nelson, Virginia Boone

Meeting Place and Time

Shands Cancer Center - Department of Radiation Oncology, Robert J. Amdur, M.D., Chairman & Program Director; Virginia Boone, Residency Program Coordinator

Course Materials

Instruction takes place via daily new patients consultations, follow up clinics, treatment simulations, tumor conferences, implant procedures, individual faculty discussion sessions and departmental teaching conferences. Individual research projects are available and optional.

Additional Information

The University of Florida Proton Therapy Institute (UFPTI) is located in Jacksonville, FL, the student will be responsible for their own transportation & lodging if they need to stay overnight.

Radiation Oncology - Clinical Independent Study

RON CIS | 4th Year Selective | Radiation Oncology | Clinical Science

Prerequisites

UF 4th year medical student

Course Description
This course should be selected by UF students who would like to complete a unique clinical experience with a particular faculty member within the Department of Radiation Oncology at the University of Florida College of Medicine. Students must submit a Clinical Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student.

Course Faculty and Staff:

Course Director(s): 
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD 
Course Staff: Amy Roberson 

Meeting Place and Time

TBA

Course Materials

TBA

Additional Information

TBA

Radiation Oncology Externship

RON EXT | 4th Year Selective | Radiation Oncology | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville and ORMC within the Department of Radiation Oncology. Students should complete the paperwork required from the institution where the rotation is requested and the “in-house” Externship Application at UF.

Course Faculty and Staff:

Course Director(s): 
Course Staff: Amy Roberson 

Course Materials

TBA
Radiation Oncology Independent study

RON IS | 4th Year Selective | Radiation Oncology | Basic Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Radiation Oncology at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s):
Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Course Materials

TBA

Clinical Radiology/Jacksonville

RAD E 1J | 4th Year Selective | Radiology | Clinical Science

Course Description

NA

Course Faculty and Staff:

Course Director(s): Jerry Matteo MD
Other Faculty: Barry McCook MD, Henry Griffths MD, MBBS, Martin Northup MD, Gregory Wynn MD, Frank Genuardi MD, MPH
Course Staff: Lisa Kinsman, Kelsey Kyne

Meeting Place and Time

Department of Radiology - 2nd floor Clinical Center; Shands Jacksonville Administrative Wing, Room R-033 - 8:30 AM
Course Materials

Basic Radiology by Michael Y.M. Chen; et al - Handouts pertaining to daily noon conferences and journal club sessions - Radiology teaching files

Radiology - Angio/Interventional

RAD E 4 | 4th Year Selective | Radiology | Clinical Science

Prerequisites

None

Course Description

Course Goals: To provide exposure to a wide range of activities/procedures; To become familiar with imaging/clinical activities; To learn to use radiologists as consultants; To become familiar with issues of cost containment

Course Faculty and Staff:

Course Director(s): Elizabeth Vorhis MD
Course Co-Director(s): James Caridi MD
Other Faculty Scott Peterson MD, Darren Postoak MD, Brian Geller MD
Course Staff: Brenda Tieden

Meeting Place and Time

Department of Radiology, Room G-345: 8AM to 5PM; Mon-Fri

Course Materials

Students will be provided with access to select teaching files, suggested reading material, and websites (to include learning modules)

Radiology - Body Imaging

RAD E 3 | 4th Year Selective | Radiology | Clinical Science

Prerequisites

None

Course Description

Course Goals: To provide exposure to a wide range of activities/procedures; To become familiar with imaging/clinical activities; To learn to use radiologists as consultants; To become familiar with issues of cost containment
Course Faculty and Staff:

Course Director(s): Elizabeth Vorhis MD
Course Co-Director(s): Patricia Abbitt MD
Other Faculty: Gladys Torres, Patricia Moser MD, Suzanne Mastin, Lori Deitte MD, Julia Marshall, Linda Lanier, Roberta Slater MD
Course Staff: Brenda Tieden

Meeting Place and Time

Department of Radiology, Room G-345; 8AM-5PM, Mon-Fri

Course Materials

Students will be provided with access to select teaching files, suggested reading material, and websites (to include learning modules)

Additional Information

Please note that depending on the number of students enrolled in this elective and the diagnostic elective, participation in an early morning emergency rotation from 6AM to 2PM or an evening emergency rotation from 11AM to 8PM may be required. Please plan accordingly.

Radiology - Cardiac Imaging

RAD E 10 | 4th Year Selective | Radiology | Clinical Science

Prerequisites

4th year medical student

Course Description

Course Goals: The rotation through the Cardiac Imaging Section of Radiology will provide a unique opportunity to be involved in the interdisciplinary evaluation of patients with Heart Disease. Specifically: (1) Include exposure to a range of activities/procedures in: Cardiac MRI - both adult and congenital pediatric, Cardiac CT, Pulmonary vein Ablation, Coronary Calcium Scoring; Echocardiography, Nuclear Cardiac imaging, and Coronary Angiography (2) To become familiar with imaging/clinical activities, and more particularly what is involved in the performance and acquisition of the various studies; (3) To learn to use radiologists as consultants and how they interface with Cardiologists and other members of the healthcare team in cardiac imaging; (4) To understand the triage and workup of the Chest Pain patient (5) To become familiar with issues of cost containment in the selection of imaging workup (6) To become familiar with the issues of radiation exposure in cardiac imaging In addition the student will have the opportunity to review the extensive online teaching curriculum in the Cardiac Section and will be expected to be involved in the weekly Cardiac/Radiology Conferences held on Tuesdays, Wednesdays and Fridays.
Course Faculty and Staff:

Course Director(s): Elizabeth Vorhis MD  
Course Co-Director(s): David Wymer  
Other Faculty: Suzanne Mastin, Roger Shifrin MD  
Course Staff: Brenda Tieden  

Meeting Place and Time

Department of Radiology, Room G-345; 8AM to 5PM; Mon-Fri  

Course Materials

Students will be provided with access to select teaching files; suggested reading material, and websites (to include learning modules)  

Radiology - Chest

RAD E 9 | 4th Year Selective | Radiology | Clinical Science

Prerequisites

None  

Course Description

Course Goals: To provide exposure to a wide range of activities/procedures; To become familiar with imaging/clinical activities; To learn to use radiologists as consultants; To become familiar with issues of cost containment  

Course Faculty and Staff:

Course Director(s): Elizabeth Vorhis MD  
Course Co-Director(s): Jerry Speckman  
Other Faculty: Roberta Slater MD, Lori Deitte MD, Julia Marshall, Gladys Torres, Suzanne Mastin, Patricia Abbitt MD  
Course Staff: Brenda Tieden  

Meeting Place and Time

Department of Radiology, Room G-345, 8AM to 5PM; Mon-Fri  

Course Materials

Students will be provided with access to select teaching files, suggested reading material, and websites (to include learning modules)  

Additional Information

Please note that this rotation may not be taken for less than four weeks.
Radiology - Clinical Independent Study

RAD CIS | 4th Year Selective | Radiology | Clinical Science

Prerequisites

UF 4th year Medical Student

Course Description

This course should be selected by UF students who would like to complete a unique clinical experience with a particular faculty member within the Department of Radiology at the University of Florida College of Medicine. Students must submit a Clinical Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student.

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Additional Information

TBA

Radiology - Diagnostic Imaging

RAD E 1 | 4th Year Selective | Radiology | Clinical Science

Prerequisites

None

Course Description

Course Goals: To provide exposure to a wide range of activities/procedures; To become familiar with imaging/clinical activities; To learn to use radiologists as consultants; To become familiar with issues of cost containment

Course Faculty and Staff:
Meeting Place and Time

Department of Radiology, Room G-345, 8AM-5PM, Mon-Fri

Course Materials

Students will be provided with access to select teaching files, suggested reading material, and websites (to include learning modules)

Additional Information

Please note that students registered for the diagnostic imaging rotation will rotate to a different section each week. Depending on the number of students enrolled in this elective and the Body elective, dedicated reading room time may NOT be available within the Body Division. In addition, participation in an early morning emergency rotation from 6AM to 2PM or an evening emergency rotation from 11AM to 8PM may be required. Please plan accordingly

Radiology - Externship

RAD EXT | 4th Year Selective | Radiology | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville within the Department of Radiology. Students should complete the paperwork required from the institution where the rotation is requested and the “in-house” Externship Application at UF.

Course Faculty and Staff:

Course Director(s):

Course Staff: Amy Roberson

Course Materials

TBA
Radiology - Independent Study

RAD IS | 4th Year Selective | Radiology | Basic Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Radiology at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Course Materials

TBA

Radiology - Musculoskeletal System

RAD E 6 | 4th Year Selective | Radiology | Clinical Science

Prerequisites

None

Course Description

Course Goals: To provide exposure to a wide range of activiites/procedures; To become familiar with imaging/clinical activities; To learn to use radiologists as consultants; To become familiar with issues of cost containment

Course Faculty and Staff:

Course Director(s): Elizabeth Vorhis MD
Course Co-Director(s): William Montgomery MD
Other Faculty Charles Bush, Troy Storey MD
Course Staff: Brenda Tieden
Radiology - Neurologic

RAD E 2 | 4th Year Selective | Radiology | Clinical Science

Prerequisites

None

Course Description

Course Goals: To provide exposure to a wide range of activities/procedures; To become familiar with imaging/clinical activities; To learn to use radiologists as consultants; To become familiar with issues of cost containment

Course Faculty and Staff:

Course Director(s): Elizabeth Vorhis MD
Course Co-Director(s): Ronald Quisling
Other Faculty Fabio Rodriguez, Keith Peters, Jeffrey Bennett MD
Course Staff: Brenda Tieden

Meeting Place and Time

Department of Radiology, Room G-345, 8AM-5PM, Mon-Fri

Course Materials

Students will be provided with access to select teaching files, suggested reading material, and websites (to include learning modules)

Radiology - Nuclear Medicine

RAD E 7 | 4th Year Selective | Radiology | Clinical Science

Prerequisites

None

Course Description
Course Goals: To provide exposure to a wide range of activities/procedures; To become familiar with imaging/clinical activities; To learn to use radiologists as consultants; To become familiar with issues of cost containment

Course Faculty and Staff:

Course Director(s): Elizabeth Vorhis MD
Course Co-Director(s): Walter Drane MD
Other Faculty: David Wymer, Suzanne Mastin
Course Staff: Brenda Tieden

Meeting Place and Time

Department of Radiology, Room G-345, 8AM to 5PM; Mon-Fri

Course Materials

Students will be provided with access to select teaching files, suggested reading material, and websites (to include learning modules)

Radiology - Pediatric

RAD E 8 | 4th Year Selective | Radiology | Clinical Science

Prerequisites

None

Course Description

Course Goals: To provide exposure to a wide range of activities/procedures; To become familiar with imaging/clinical activities; To learn to use radiologists as consultants; To become familiar with issues of cost containment

Course Faculty and Staff:

Course Director(s): Elizabeth Vorhis MD
Course Co-Director(s): Jonathan Williams MD, MBA
Other Faculty: Roberta Slater MD
Course Staff: Brenda Tieden

Meeting Place and Time

Department of Radiology, Room G-345, 8AM-5PM; Mon-Fri

Course Materials

Students will be provided with access to select teaching files, suggested reading material, and websites (to include learning modules)
3rd Year Surgery

Course Description

Scheduling of this course must first be arranged with the Office of Medical Education prior to entering it on your 4th year schedule. This course should be scheduled during the time period in which a 3rd year clerkship is to be completed during the 4th year.

Course Faculty and Staff:

Course Director(s): Heather Harrell MD

Meeting Place and Time

TBA

Course Materials

TBA

Breast Cancer: A Multidisciplinary Perspective

Course Description

Students will gain a multidisciplinary perspective on the current management of breast cancer by spending time with members of the UF-Shands Breast Cancer multidisciplinary program (Surgical Oncology, Medical Oncology, Radiation Oncology, Radiology, Pathology, and Genetics). Through hands-on patient experience students will develop a thorough understanding of the role that each specialty plays in the modern management of breast cancer patients. Students also will participate in the weekly breast cancer tumor board culminating with a brief lecture to the members of the breast cancer tumor board on a current topic in breast cancer.

Course Faculty and Staff:

Course Director(s): Stephen Grobmyer MD
Other Faculty Judith Lightsey MD, Mandy Robertson MD, Julia Marshall, Nicole Massoll MD
Course Staff: Michele Silver, Brittany Fink

Meeting Place and Time
Contact Dr. Stephen Grobmyer (stephen.grobmyer@surgery.ufl.edu) (265-0169) 1 week prior to course for meeting time and location and schedule.

Course Materials

Handouts provided as needed.

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**Burn Unit**

**SUR E 7 | 4th Year Selective | Surgery | Clinical Science**

**Prerequisites**

Surgery 3rd year clinical rotation

**Course Description**

COURSE GOALS: Participate as an active team member providing comprehensive patient management under supervision, thus permitting the student to become familiar with the role of an intern. Assessment and treatment of patients with thermal, chemical and electric injury stressing resuscitation and emergency management, infection control, nutritional support, surgical treatment and rehabilitation. Patient management involves the critical care, surgical, rehabilitative and outpatient settings.

**Course Faculty and Staff:**

Course Director(s): **David Mozingo MD**

Other Faculty **Winston Richards MD**

Course Staff: **Michele Silver**, **Brittany Fink**

**Meeting Place and Time**

Burn Center, Shands Hospital, 0700 daily.

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**Clinical Elective on the Maxillofacial Surgery - Jacksonville**

**SUR E 8J | 4th Year Selective | Surgery | Clinical Science**

**Course Description**

Thorough and complete understanding of the anatomy and surgical techniques utilized in maxillofacial surgery. A great asset for students interested in ENT or plastic Surgery careers.

**Course Faculty and Staff:**

Course Director(s): **Tirbod Fattahi MD, DDS**
Clinical Elective on the Surgical Critical Care Service - Jacksonville

SUR E 6J | 4th Year Selective | Surgery | Clinical Science

Prerequisites

Completion of third year core rotation in General Surgery.

Course Description

The surgical critical care service provides comprehensive care for trauma surgery and surgical subspecialties. There are approximately 28 surgical critical care beds within the unit. Responsibilities include daily rounds, procedures, and didactic education.

Course Faculty and Staff:

Course Director(s): Miren Schinco MD

Other Faculty: Andrew Kerwin MD, Joan Huffman MD, Eric Frykberg MD, Joseph Tepas III MD, J. Bracken Burns DO, Alex Rose MD, Frank Genuardi MD, MPH, James Dennis MD, Indermeet Bhullar MD, Jin Ra

Course Staff: Jessica McDonald-Jazrawi, Karen Sisco

Meeting Place and Time

8:30 AM; Student Coordinator's (Amanda Coop) office; 3rd floor Faculty Clinic

Clinical Elective on the Trauma Service - Jacksonville

SUR E 7J | 4th Year Selective | Surgery | Clinical Science

Prerequisites

Completion of third year core rotation in General Surgery.
Course Description

We are the only Level 1 Trauma Center in Northeast Florida. There are approximately 4000 trauma evaluations per year, with 18% being penetrating trauma. This rotation is on a busy trauma service and you will be expected to be involved in all aspects of patient care. This includes the initial evaluation of trauma patients, daily rounds, and operative cases.

Course Faculty and Staff:

Course Director(s): Andrew Kerwin MD
Other Faculty: Miren Schinco MD, Joan Huffman MD, J. Bracken Burns DO, Eric Frykberg MD, Joseph Tepas III MD, Frank Genuardi MD, MPH, James Dennis MD, Indermeet Bhullar MD, Alex Rose MD, Jin Ra
Course Staff: Jessica McDonald-Jazrawi, Kelsey Kyne

Meeting Place and Time

8:30 AM: Student Coordinator's (Amanda Coop) office; 3rd floor Faculty Clinic

Colorectal Surgery

SUR E 16 | 4th Year Selective | Surgery | Clinical Science

Prerequisites

Successful completion of 3rd year Surgery Clerkship

Course Description

COURSE GOALS: Upon completion of this course, the learner will be able to:
MEDICAL KNOWLEDGE 1. Evaluate and discuss common presenting signs and symptoms frequently seen by the practicing Colon and Rectal surgeon. 2. Complete a general surgery History and Physical. 3. Briefly describe the operative management of basic colon and rectal surgical problems, including, but not limited to: colon and rectal cancer, benign colon problems including colonic inertia, diverticulitis, inflammatory bowel disease, anorectal and pelvic floor disorder, and application of laparoscopy. 4. Recognition of recommended cancer screening and surveillance programs for colon and rectal patients. PATIENT CARE 1. Demonstrate proficiency in common intern-level duties including nasogastric tube insertion, excision of thrombosed hemorrhoids, incision and drainage of perianal abscesses, and basic suturing. 2. Recognize the role of existing and emerging technology and research in the field and practice of Colon and Rectal surgery. 3. Reliably use the Internet and electronic tools as a medical resource. PROFESSIONALISM 1. Expand his/her exposure to, and appreciation for, a career in colon and rectal surgery and academic surgery. 2. Become more keenly aware of the opportunities available to residents in general surgery. LEARNING ACTIVITIES: The students who choose this rotation as an elective will participate as a member of a very busy and academic Colon and Rectal Service in the Department of Surgery at the University of Florida. He or she will become aware of the daily
responsibilities of the general surgery intern, including education of 3rd year medical students and perioperative care of the surgical patient. Students will be expected to attend all General Surgery related conferences including Morbidity and Mortality Conference, Surgical Grand Rounds, Basic Science Conference and Mortality Conference, and Journal Club. Furthermore, the student will be assisting in the Operating Rooms and seeing patients in clinic. Although the curriculum is flexible, it is expected that the student will prepare for cases and conferences as any other member of the team, and will be held accountable for these. At the conclusion of the 4-week rotation, the student will present a 15-minute slide presentation on some aspect of Colon and Rectal Surgery in the didactic format to the residents. He or she should choose a faculty mentor who will assist in the assimilation and delivery of this lecture. This lecture should be evidence-based, and articles from accredited journals should be referenced.

**Course Faculty and Staff:**

*Course Director(s):* Sanda Tan MD, PhD  
Other Faculty Jose Trevino MD  
*Course Staff:* Michele Silver, Brittany Fink

**Meeting Place and Time**

Monday mornings at 7:00 am at the Woodward conference room, 6th floor of Shands.

**Course Materials**

Selected readings from Greenfield’s Surgery: Scientific Principles and Practice, Fifth Edition; Colon and Rectal Surgery Text book, Second Edition - Additional readings from current journals will be assigned during the rotation orientation on the first day.

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**General Surgery - Jacksonville**

SUR E 1J | 4th Year Selective | Surgery | Clinical Science

**Prerequisites**

Completion of third year core rotation in General Surgery

**Course Description**

The student will function as a first year resident under the supervision of the attending and senior resident staff to see and follow assigned patients, participate in consultations and bedside procedures and wound care, and be in the OR for assistance at a variety of procedures.

**Course Faculty and Staff:**

*Course Director(s):* Eric Frykberg MD  
Sunil Sharma MD, Ziad Awad MD, Michael Nussbaum MD, Laila Samiian MD, John Kilkenny
Meeting Place and Time

8:30 AM: Student Coordinator's (Amanda Coop) office; 3rd floor Faculty Clinic

Course Materials

None

General Surgery and Organ Transplantation (Surgery IV)

SUR E 3 | 4th Year Selective | Surgery | Clinical Science

Course Description

COURSE GOALS: Introduction to scientific principles and clinical measures of dealing with general surgical problems with special focus on surgical diseases of the liver and bile ducts. The service focuses mainly on surgery of the liver and neoplasms of the pancreas and on liver, kidney and pancreas transplantation. It is our intent that the students occupy a position of responsibility commensurate with their ability. They will participate in patient evaluations in the clinics, patient care on the surgical wards, in the operating room, and post-operative care on the wards and in the clinic. They will also be expected to come to conferences during the week.

Course Faculty and Staff:

Course Director(s): Joseph Magliocca MD
Course Staff: Michele Silver, Brittany Fink

Meeting Place and Time

Surgery floor (Ward 95), 7:00am daily.

Course Materials

Textbooks and selective journal publications.

Additional Information

There is also an opportunity to participate in clinical research that is ongoing in the division.

Minimally Invasive Surgery and Gastro Esophageal Surgery
Prerequisites

4th year student

Course Description

Clinical rotation on the Minimally Invasive Surgery Service

Course Faculty and Staff:

Course Director(s): Kfir Ben-David MD
Course Staff: Michele Silver, Brittany Fink

Meeting Place and Time

TBA

Course Materials

Provided during course

OMFS Surgery

Prerequisites

Open to any 4th year medical student and Oral and Maxillofacial Surgery residents in medical school

Course Description

This course provides clinical and didactic exposure to the surgical and nonsurgical management of various oral conditions including common dental diseases (caries and periodontal disease), maxillofacial trauma, oral and perioral pathology including cysts, benign and malignant tumors, oral soft tissue diseases, oral manifestations of systemic disease.

Course Faculty and Staff:

Course Director(s): Franklin Dolwick DMD, PhD
Course Staff: Patricia Carpenter

Meeting Place and Time

D7-6

Course Materials

TBA
Additional Information

See Dr. Frank Dolwick for more details. This is designed to be a hands-on course with limited didactic exposure but increased clinic and OR involvement.

OMFS Surgery - Jacksonville

OMFS SUR J | 4th Year Selective | Surgery | Clinical Science

Prerequisites

Must be a dental resident.

Course Description

Thorough and complete understanding of the anatomy and surgical techniques utilized in maxillofacial surgery. A great asset for students interested in ENT or Plastic Surgery careers.

Course Faculty and Staff:

Course Director(s): Tirbod Fattahi MD, DDS  
Other Faculty Frank Genuardi MD, MPH  
Course Staff: Kelsey Kyne

Meeting Place and Time

8:00 AM - Student Coordinator’s office - 3rd floor Faculty Clinic

Course Materials

Handouts

Pancreas/Biliary Surgery

SUR E 20 | 4th Year Selective | Surgery | Clinical Science

Prerequisites

4th year medical student

Course Description

TBA

Course Faculty and Staff:

Course Director(s): Kevin Behrns M.D.  
Course Staff: Michele Silver, Brittany Fink
Pediatric Surgery

SUR E 1 | 4th Year Selective | Surgery | Clinical Science

Prerequisites

Completed 3rd year surgery clerkship.

Course Description

Cognitive Domain: 1. Evaluate and discuss common problems frequently seen in pediatric surgery; 2. Complete a written pediatric surgery History and Physical; 3. Briefly describe the operative management of basic pediatric surgical diseases, including but not limited to: pyloric stenosis, appendicitis, hernias, cryptorchidism, intussusception, congenital anomalies, neonatal bowel obstructions, trauma evaluation and resuscitation, and common childhood solid tumors.

Psychomotor Domain: 1. Demonstrate proficiency in common intern-level duties including nasogastric tube insertion, excision of skin lesions, obtaining IV access and basic suturing. 2. Recognize the role of existing and emerging surgical technology and research in the field and practice of pediatric surgery. 3. Reliably use the Internet and electronic tools as a medical resource.

Affective Domain: 1. Expand his/her exposure to and appreciation for a career in pediatric surgery and academic surgery. 2. Become more aware of the opportunities available to residents in surgery. 3. Appreciate the influence of research as it applies to pediatric surgical problems. The Division of Pediatric Surgery strives to provide the senior student an extensive exposure to major surgical problems in infants and children; including newborn anomalies, airway problems, solid tumors, acquired diseases, and trauma. General surgical principles and techniques, preoperative assessment, and postoperative care are emphasized with externship responsibility.

Course Faculty and Staff:

Course Director(s): Saleem Islam MD, MPH
Other Faculty David Kays MD
Course Staff: Michele Silver, Brittany Fink

Meeting Place and Time

Department of Surgery (N6-10); Pediatric Surgery; 352-273-8825 Call office to
obtain time and place to meet for the first day on the rotation.

Course Materials

Prepared student syllabus; Selected readings from surgical texts (chapters on Pediatric Surgery) and additional readings from current journals will be assigned during the rotation for regular conferences and teaching.

Additional Information

Pediatric Surgery is the last true bastion of General surgery and incorporates the added advantage of being able to care for children and neonates of all ages. The variety of cases we see are unparalleled and offer an insight into embryologic and other considerations. The Sub I will be allowed to function fully as an intern by seeing consults, taking care of floor patients and operating. Research (clinical) opportunities are available as well.

Pediatric Surgery - Jacksonville

SUR E 10J | 4th Year Selective | Surgery | Clinical Science

Prerequisites

4th year medical student

Course Description

The 4th year medical student will assume the responsibilities of a surgical intern with the following specific goals; 1 — intense exposure to the preoperative evaluation of the pediatric surgery patient in the outpatient clinic setting, emergency room and inpatient setting; 2 — participation as 1st or 2nd assistant in operative cases that span the breadth of general pediatric surgery; 3 — involvement in the postoperative care of the pediatric surgery patient including daily rounds, data collection and analysis, and decision making. The medical student will be expected to gain a more in-depth surgical knowledge of the pediatric surgery patient through focused reading and one-on-one discussion with the faculty. There will be a requirement for a 20 minute power point presentation at the end of the rotation. The rotation will include a weekly 3-4 hour didactic conference schedule held on Wednesday afternoons as well as weekly bedside teaching rounds. This rotation is an excellent opportunity for the 4th year medical student interested in a career in pediatrics or pediatric surgery. However any student regardless of career goal is welcome to participate.

Course Faculty and Staff:

Course Director(s): Daniel Robie MD
Other Faculty Joseph Tepas III MD, Maryanne Dokler MD, Nicholas Poulos MD

Course Staff: Kelsey Kyne

Meeting Place and Time
Course Materials

Resident Pediatric Surgery Handbook  
The chapter on pediatric surgery from the chosen general surgery text (Sabiston or Schwartz)  
Selected readings from journals as assigned

Required General Surgery/Acute Care

SUR R 1 | 4th Year Required | Surgery | Clinical Science

Prerequisites

Satisfactory completion of third year Medicine Clerkship - 4th year UF medical student

Course Description

The subinternship in General Surgery emphasizes building on skills learned in the third year with an emphasis on management of the perioperative patient. The overall purpose of this advanced surgical elective is to provide a faculty-mentored, learner-centered surgical experience for senior students with surgery as a career goal. He or she will become aware of the daily responsibilities of the general surgery intern, including education of 3rd year medical students and perioperative care of the surgical patient. Each student will participate in patient care overnight (5 nights) to more fully learn about the role of the intern including, but not limited to, the process of calling up the chain and experiencing more autonomy with regard to patient care. Students will be expected to attend Department of Surgery conferences including division-specific educational session, Morbidity and Mortality Conference and Surgical Grand Rounds. Furthermore, the student will be assisting in the Operating Rooms and seeing patients in clinic. We expect that acting interns will prepare for cases and conferences as any other member of the team, and will be held accountable for these. At the conclusion of the 4-week rotation, the student will present a 30-minute slide presentation on some aspect of Acute Care Surgery in the didactic format to the residents. He or she should choose a faculty mentor who will assist in the assimilation and delivery of this lecture. This lecture should be evidence-based, and articles from accredited journals should be referenced. The emphasis will be on active, rather than passive, educational methods, and preceptors will stress independent, self-directed learning. Acting interns will follow patients from the operating room to the ward and participate in the full spectrum of perioperative care. Acting interns are given essentially the same responsibility as interns with additional oversight by a team of surgery residents and faculty.

Course Faculty and Staff:

Course Director(s): Peter Nelson MD  
Course Co-Director(s): Chasen Croft MD  
Course Staff: Michele Silver, Brittany Fink
Meeting Place and Time

Students will meet their teams for rounds at 5:30am on the first day of the rotation. Students should contact the Surgery Education Office a week in advance for information about where to locate their clinical team.

Course Materials

Please refer to the 4th Year link on our Clerkship website at: www.surgery.ufl.edu/4thyear_required_reading

Additional Information

Clinical evaluation worth 75 points. Presentation worth 25 points.

Required General Surgery/Colorectal

SUR R 2 | 4th Year Required | Surgery | Clinical Science

Prerequisites

Satisfactory completion of third year Medicine Clerkship - 4th year UF medical student

Course Description

The subinternship in General Surgery emphasizes building on skills learned in the third year with an emphasis on management of the perioperative patient. The overall purpose of this advanced surgical elective is to provide a faculty-mentored, learner-centered surgical experience for senior students with surgery as a career goal. He or she will become aware of the daily responsibilities of the general surgery intern, including education of 3rd year medical students and perioperative care of the surgical patient. Each student will participate in patient care overnight (5 nights) to more fully learn about the role of the intern including, but not limited to, the process of calling up the chain and experiencing more autonomy with regard to patient care. Students will be expected to attend Department of Surgery conferences including division-specific educational session, Morbidity and Mortality Conference and Surgical Grand Rounds. Furthermore, the student will be assisting in the Operating Rooms and seeing patients in clinic. We expect that acting interns will prepare for cases and conferences as any other member of the team, and will be held accountable for these. At the conclusion of the 4-week rotation, the student will present a 30-minute slide presentation on some aspect of Colorectal Surgery in the didactic format to the residents. He or she should choose a faculty mentor who will assist in the assimilation and delivery of this lecture. This lecture should be evidence-based, and articles from accredited journals should be referenced. The emphasis will be on active, rather than passive, educational methods, and preceptors will stress independent, self-directed learning. Acting interns will follow patients from the operating room to the ward and participate in the full spectrum of perioperative care. Acting interns are given essentially the same responsibility as interns with additional oversight by a team of surgery residents and faculty.
Course Faculty and Staff:

Course Director(s): Peter Nelson MD  
Course Co-Director(s): Sanda Tan MD, PhD  
Other Faculty Jose Trevino MD  
Course Staff: Michele Silver, Brittany Fink

Meeting Place and Time

Students will meet their teams for rounds at 6:00am on the first day of the rotation. Students should contact the Surgery Education Office a week in advance for information about where to locate their clinical team.

Course Materials

Please refer to the 4th Year link on our Clerkship website at: www.surgery.ufl.edu/4thyear_required_reading

Additional Information

Clinical evaluation worth 75 points. Presentation worth 25 points.

Required General Surgery/Pediatric Surgery

SUR R 4 | 4th Year Required | Surgery | Clinical Science

Prerequisites

Satisfactory completion of third year Medicine Clerkship - 4th year UF medical student

Course Description

The subinternship in General Surgery emphasizes building on skills learned in the third year with an emphasis on management of the perioperative patient. The overall purpose of this advanced surgical elective is to provide a faculty-mentored, learner-centered surgical experience for senior students with surgery as a career goal. He or she will become aware of the daily responsibilities of the general surgery intern, including education of 3rd year medical students and perioperative care of the surgical patient. Each student will participate in patient care overnight (5 nights) to more fully learn about the role of the intern including, but not limited to, the process of calling up the chain and experiencing more autonomy with regard to patient care. Students will be expected to attend Department of Surgery conferences including division-specific educational session, Morbidity and Mortality Conference and Surgical Grand Rounds. Furthermore, the student will be assisting in the Operating Rooms and seeing patients in clinic. We expect that acting interns will prepare for cases and conferences as any other member of the team, and will be held accountable for these. At the conclusion of the 4-week rotation, the student will present a 30-minute slide presentation on some aspect of Pediatric Surgery in the didactic format to the residents. He or she should choose a faculty mentor who will assist in the assimilation and delivery of
this lecture. This lecture should be evidence-based, and articles from accredited journals should be referenced.

Course Faculty and Staff:

Course Director(s): Peter Nelson MD
Course Co-Director(s): Saleem Islam MD, MPH
Course Staff: Brittany Fink , Michele Silver

Meeting Place and Time

Students will meet their teams for rounds at 6:00am on the first day of the rotation. Students should contact the Surgery Education Office a week in advance for information about where to locate their clinical team.

Course Materials

Please refer to the 4th Year link on our Clerkship website at:
www.surgery.ufl.edu/4thyear_required_reading

Additional Information

Clinical evaluation worth 75 points. Presentation worth 25 points.

Required General Surgery/VA General

SUR R 3 | 4th Year Required | Surgery | Clinical Science

Prerequisites

Satisfactory completion of third year Medicine Clerkship - 4th year UF medical student

Course Description

The subinternship in General Surgery emphasizes building on skills learned in the third year with an emphasis on management of the perioperative patient. The overall purpose of this advanced surgical elective is to provide a faculty-mentored, learner-centered surgical experience for senior students with surgery as a career goal. He or she will become aware of the daily responsibilities of the general surgery intern, including education of 3rd year medical students and perioperative care of the surgical patient. Each student will participate in patient care overnight (5 nights) to more fully learn about the role of the intern including, but not limited to, the process of calling up the chain and experiencing more autonomy with regard to patient care. Students will be expected to attend Department of Surgery conferences including division-specific educational session, Morbidity and Mortality Conference and Surgical Grand Rounds. Furthermore, the student will be assisting in the Operating Rooms and seeing patients in clinic. We expect that acting interns will prepare for cases and conferences as any other member of the team, and will be held accountable for these. At the conclusion of the 4-week rotation, the student will present a 30-minute slide presentation on some aspect of General Surgery in the didactic format to the residents. He or she
should choose a faculty mentor who will assist in the assimilation and delivery of this lecture. This lecture should be evidence-based, and articles from accredited journals should be referenced. The emphasis will be on active, rather than passive, educational methods, and preceptors will stress independent, self-directed learning. Acting interns will follow patients from the operating room to the ward and participate in the full spectrum of perioperative care. Acting interns are given essentially the same responsibility as interns with additional oversight by a team of surgery residents and faculty.

Course Faculty and Staff:

Course Director(s): Peter Nelson MD
Course Co-Director(s): Anthony McDonald MD
Course Staff: Brittany Fink, Michele Silver

Meeting Place and Time

Students will meet their teams for rounds at 6:00am on the first day of the rotation. Students should contact the Surgery Education Office a week in advance for information about where to locate their clinical team.

Course Materials

Please refer to the 4th Year link on our Clerkship website at: www.surgery.ufl.edu/4thyear_required_reading

Additional Information

Clinical evaluation worth 75 points. Presentation worth 25 points.

Required General Surgery/Vascular Surgery

SUR R 5 | 4th Year Required | Surgery | Clinical Science

Prerequisites

Satisfactory completion of third year Medicine Clerkship - 4th year UF medical student

Course Description

The subinternship in General Surgery emphasizes building on skills learned in the third year with an emphasis on management of the perioperative patient. The overall purpose of this advanced surgical elective is to provide a faculty-mentored, learner-centered surgical experience for senior students with surgery as a career goal. He or she will become aware of the daily responsibilities of the general surgery intern, including education of 3rd year medical students and perioperative care of the surgical patient. Each student will participate in patient care overnight (5 nights) to more fully learn about the role of the intern including, but not limited to, the process of calling up the chain and experiencing more autonomy with regard to patient care. Students will be expected to attend Department of Surgery conferences including division-specific educational session,
Morbidity and Mortality Conference and Surgical Grand Rounds. Furthermore, the student will be assisting in the Operating Rooms and seeing patients in clinic. We expect that acting interns will prepare for cases and conferences as any other member of the team, and will be held accountable for these. At the conclusion of the 4-week rotation, the student will present a 30-minute slide presentation on some aspect of Vascular Surgery in the didactic format to the residents. He or she should choose a faculty mentor who will assist in the assimilation and delivery of this lecture. This lecture should be evidence-based, and articles from accredited journals should be referenced. The emphasis will be on active, rather than passive, educational methods, and preceptors will stress independent, self-directed learning. Acting interns will follow patients from the operating room to the ward and participate in the full spectrum of perioperative care. Acting interns are given essentially the same responsibility as interns with additional oversight by a team of surgery residents and faculty.

**Course Faculty and Staff:**

- **Course Director(s):** Peter Nelson MD
- **Course Co-Director(s):** Robert Feezor MD
- **Course Staff:** Michele Silver, Brittany Fink

**Meeting Place and Time**

Students will meet their teams for rounds at 6:00am on the first day of the rotation. Students should contact the Surgery Education Office a week in advance for information about where to locate their clinical team.

**Course Materials**

Please refer to the 4th Year link on our Clerkship website at: www.surgery.ufl.edu/4thyear_required_reading

**Additional Information**

Clinical evaluation worth 75 points. Presentation worth 25 points.

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**Surgery - Clinical Independent Study**

SUR CIS | 4th Year Selective | Surgery | Clinical Science

**Prerequisites**

UF 4th year medical student

**Course Description**

This course should be selected by UF students who would like to complete a unique clinical experience with a particular faculty member within the Department of Surgery at the University of Florida College of Medicine. Students must submit a Clinical Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the
request, a copy of the application form will be provided to the student.

Course Faculty and Staff:

Course Director(s):
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Additional Information

TBA

Surgery - Externship

SUR EXT | 4th Year Selective | Surgery | Clinical Science

Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who have scheduled rotations at outside institutions other than Shands at Jacksonville within the Department of Surgery. Students should complete the paperwork required from the institution where the rotation is requested and the “in-house” Externship Application at UF.

Course Faculty and Staff:

Course Director(s):
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Surgery - Independent Study
Prerequisites

UF 4th year medical student

Course Description

This course should be selected by UF students who would like to complete a research study experience with a particular faculty member within the Department of Surgery at the University of Florida College of Medicine. Students must submit an Independent Study Application form to the Electives Coordinator at least 4 weeks prior to the start of the rotation. This application form must be completed and signed by the Faculty Sponsor. Upon approval of the request, a copy of the application form will be provided to the student. All applications for an Independent Study must include a detailed list of goals and objectives and a plan of how these will be accomplished over the time period.

Course Faculty and Staff:

Course Director(s):  
Course Co-Director(s): Maureen Novak MD, Patrick Duff MD
Course Staff: Amy Roberson

Meeting Place and Time

TBA

Course Materials

TBA

Surgery Skills Lab

Prerequisites

Fourth year medical student pursuing general surgical training.

Course Description

The purpose of this course is to provide medical students entering general surgery residencies with a focused introduction to simulation lab skills training. The course will provide students with surgical skills training aimed at enhancing technical skills needed by surgical trainees. The goal of the course is to provide future surgical residents with a leg up as they enter training. The curriculum will include elements of the technical skills training program used by the surgical residents at UF. Skills training will include increase familiarity with surgical instruments, open suturing skills, basic laparoscopic skills training, simulation based training in flexible endoscopy, simulation based training in central line
placement, airway management training, and simulated code and critical care management. Basic didactic principles will be taught in parallel with skills training.

Course Faculty and Staff:

Course Director(s): George Sarosi MD
Course Staff: Michele Silver, Brittany Fink

Meeting Place and Time

TBA

Course Materials

Course Materials will be assigned during the course.

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**Thoracic and Cardiovascular Surgery**

SUR E 8 | 4th Year Selective | Surgery | Clinical Science

Prerequisites

4th year medical student - completion of 3rd year rotation on General Surgery

Course Description

COURSE GOALS: At the completion of this rotation the student will be able to: 1. Perform detailed admission histories and physical examinations specific to patients who have pulmonary and cardiac disease that require surgical therapy. 2. Identify the indications and potential complications for thoracic and cardiac surgical procedures. 3. Identify the appropriate tests and medications required for assigned patients throughout their course of therapy. 4. Second or first assist in general thoracic and open heart surgical procedures. 5. Correlate the findings from the physical, hemodynamic, laboratory, and other diagnostic tests performed before and after cardiac surgery. 6. Evaluate and predict patient outcomes in response to surgical interventions and pharmacologic manipulations performed in the postoperative period. Student activities include: Daily patient rounds and conferences, assisting in surgery, diagnostic work-ups, and direct patient care.

Course Faculty and Staff:

Course Director(s): Philip Hess MD
Course Staff: Michele Silver, Brittany Fink

Meeting Place and Time

CICU 0600 HRS SPONSORING UNIT: Department of Surgery, Division of Thoracic and Cardiovascular Surgery COURSE DIRECTOR: Daniel G. Knauf, M.D., Rm. M-602, (352) 846-0364, Box 100286 COURSE GOALS: At the c

Course Materials
Current textbooks in thoracic, adult cardiac, and congenital heart surgery. Selected reprints from specialty journals.

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**Trauma; Surgical Critical Care; and Emergency Surgery**

SUR E 14 | 4th Year Selective | Surgery | Clinical Science

**Prerequisites**

Fourth Year Medical Student

**Course Description**

Four week course in which student will rotate on the Trauma/Emergency Surgery Service and act as a sub-intern. Daily rounds with residents and attending; bedside surgical procedures in the SICU; operative cases in the OR and the initial management and resuscitation of the severely injured trauma patient will be emphasized.

**Course Faculty and Staff:**

- **Course Director(s):** Lawrence Lottenberg MD, FACS
- **Course Co-Director(s):** Chasen Croft MD
- **Other Faculty:** Fitzgerald Casimir MD, Chasen Croft MD, John Armstrong MD
- **Course Staff:** Michele Silver, Brittany Fink

**Meeting Place and Time**

5:30 AM in Shands (S), 5W

**Course Materials**

TBA

**Additional Information**

Excellent experience for student interested in surgery; critical care or anesthesia as a career.

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**Vascular Surgery**

SUR E 21 | 4th Year Selective | Surgery | Clinical Science

**Prerequisites**

3rd year rotation on General Surgery

**Course Description**
COURSE GOALS: At the completion of this rotation the student will be able to: 1. Perform detailed admission histories and physical examinations specific to patients with vascular disease who require surgical and/or medical therapy. 2. Identify the indications and potential complications for vascular surgical procedures. 3. Identify the appropriate tests and medications required for assigned patients throughout their course of therapy. 4. Second or first assist in general vascular surgical procedures. 5. Correlate the findings from the physical, hemodynamic, laboratory, and other diagnostic tests performed before and after vascular surgery. 6. Evaluate and predict patient outcomes in response to surgical interventions and pharmacologic manipulations performed in the postoperative period. Student activities include: Daily patient rounds and conferences, assisting in surgery, diagnostic work-ups, and direct patient care.

Course Faculty and Staff:

Course Director(s): Robert Feezor MD
Course Staff: Michele Silver, Brittany Fink

Meeting Place and Time

Call the Vascular Surgery Office (273 5484) or page Dr. Feezor (413 0428) for information.

Course Materials


Additional Information

The Shands Vascular surgery service is a busy, tertiary care service that has a heavy operative load. The 4th year student rotating on the service will function as a junior resident, including operating with the faculty and fellows as well as supervising the 3rd year medical students and assisting the interns.

Vascular Surgery - Jacksonville

SUR E 4J | 4th Year Selective | Surgery | Clinical Science

Course Description

The fourth year elective is designed specifically for the student with a serious interest in a residency in vascular surgery. The level of responsibility will be the same as a 1st year resident. Students will be expected to take a more active role in the operating room as well as pre-operative and post-operative care of vascular patients under the direct supervision of the vascular surgery staff. Self-education is stressed; but students also attend major departmental conferences.
Course Faculty and Staff:

Course Director(s): James Dennis MD
Other Faculty Frank Genuardi MD, MPH
Course Staff: Jessica McDonald-Jazrawi, Kelsey Kyne

Meeting Place and Time

8:30 AM: Student Coordinator's (Amanda Coop) office; 3rd floor Faculty Clinic

Course Materials

Handouts

Senior Urology Clerkship - Jacksonville

SUR E 9J | 4th Year Selective | Urology | Clinical Science

Prerequisites

4th year medical student

Course Description

The Fourth year elective is designed specifically for the student with a serious interest in a residency in urology. The level of responsibility will be the same as a 1st year resident. Students serve as the primary physician under faculty supervision for outpatient clinic and in-patient consults. Students will be expected to take a more active role in the operating room as well as pre-operative and post-operative care of urologic patients under the direct supervision of the urology staff. Self-education is stressed; but students also attend major departmental conferences. Recommended text for reading is an excellent understanding (i.e. complete read in preparation) of, “Smith's General Urology,” Emil A. Tanagho and Jack McAninch Editors, most current edition is #17 at the time of this updated course description.

Course Faculty and Staff:

Course Director(s): Joseph Costa DO
Other Faculty Christopher Williams MD, Frank Genuardi MD, MPH, Robert Marino MD
Course Staff: Kelsey Kyne, Jessica McDonald-Jazrawi

Meeting Place and Time

8:30 AM; Student Coordinator's (Amanda Coop) office; 3rd floor Faculty Clinic

Course Materials

Handouts - Suggested text: Smith's General Urology
Prerequisites

Senior medical student status.

Course Description

This course will provide the senior student with a basic understanding of clinical urology as a surgical subspecialty. Student will; 1) participate as a member of the urological team providing inpatient, outpatient and surgical care to patients referred to the urological service.; 2) participate in urological teaching conferences; 3) interact with urological residents and faculty on a daily basis. Psychomotor Domain: 1. Demonstrate proficiency in common intern-level duties including Genitourinary Exam (including male and female exam,DRE, Catheter insertion, basic urological endoscopic techniques and basic suturing skills ; 2. Recognize the role of existing and emerging technology and research in the field and practice of urology.; 3. Reliably use the Internet and electronic tools as a medical resource. Affective Domain: 1. Expand his/her exposure to and appreciation for a career in urology.; 2. Become more keenly aware of the opportunities available to residents in urology.; 3. Appreciate the influence of translational research as it applies to urology. LEARNING ACTIVITIES: The students who choose this rotation as an elective will participate as a member of a very busy and academic urological service at the University of Florida. He or she will become aware of the daily responsibilities of a urology resident; including education of 3rd year medical students and perioperative care of the surgical patient. Students will be expected to attend all urology related conferences including Didactic resident lectures; GU Tumor Board; Morbidity and Mortality Conference; Urological Imaging Conference; Basic Science Conference and Mortality Conference Pathology Conference and Journal Club. Furthermore; the student will be assisting in the Operating Rooms and seeing patients in clinic. Although the curriculum is flexible; it is expected that the student will prepare for cases and conferences as any other member of the team; and will be held accountable for these. At the conclusion of the 4-week rotation; the student will present a 30-minute slide presentation on some aspect of Urology in the didactic format to the residents. He or she should choose a faculty mentor who will assist in the assimilation and delivery of this lecture. This lecture should be evidence-based; and articles from accredited journals should be referenced.

Course Faculty and Staff:

Course Director(s): Philipp Dahm MD
Course Staff: Cissy Layman , Brittany Fink

Meeting Place and Time

Morning rounds usually begin on the wards at 6:00 (contact Cissy Layman for details) Urology faculty and resident offices are located on the second floor of the Health Science Center (Room N-203)

Course Materials
No specific text is required - recommended texts include; 1) Campbell’s Urology (4 volumes) - Available for reference in the Div. Library; 2) Hinman’s Atlas of Urologic Surgery (useful in preparing for individual surgical cases) - Available in the Div. library; 3) Smith’s General Urology (a urologic overview readable in the four week rotation); 4) AUA Update Series (an up to date; concise comprehensive review of selected urologic topics) - Available in the Div. library 5) Students are asked to complete or show evidence of prior completion of the online national medical student curriculum in urology available at www.auanet.org (under the Education and Meetings tab and then under Online Education).

Additional Information

Cissy Layman is the Resident Coordinator for the Department of Urology and can be reached at (352) 273-8634, Fax: (352) 273-8604, or email Cissy.Layman@urology.ufl.edu.