

www.comchattanooga.uthsc.edu/mse

Overview

- The UTCOMC offers training to junior & senior medical students from UT & senior medical students from other medical schools who meet UT admission standards.
- Each year between 150-230 medical students elect clinical rotations in Chattanooga from all 13 required clerkships, senior clerkships, and 42 electives. **All required rotations are available in Chattanooga.**
- Training is based at Erlanger Health System & Children's Hospital at Erlanger.
- Medical students are considered an integral part of the health care team & receive individualized attention from faculty & residents.
- Many of our students choose to remain in Chattanooga for residency as a direct result of their clinical rotations.
- UT medical students schedule rotations in Chattanooga via the regular UT online scheduling system.
- Senior visiting students who meet UT and Department eligibility requirements apply via AAMC's VSAS or our online pdf applications www.comchattanooga.uthsc.edu/subpage.php?pageId=541.
- 170+ Residents and Fellows
- 10 Residency Programs
- 11 Fellowship Programs



Dean: R. Bruch Shack, MD

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What Makes Chattanooga Special? - Come Join our Family!

- Fourteen furnished 2-bedroom apartments—Hayden Place Apartments just 10 minutes from the hospital--at no cost to UT students for rent, utilities, or wireless enabled (6 blocks maximum)
- Meal cards for up to \$60 at the hospital each 4 week block
- Free parking across from the hospital
- Call rooms and lockers for students
- 24/7 access to the on-campus Medical Library with 20 computers and copier at no charge
- Access to State-of-the-Art Skills Lab & Simulation Center
- Small teams with emphasis one-on-one teaching
- Low student to faculty ratio and hands on clinical experience
- Excellent call schedule with Night Float experience on some rotations
- Free books/learning materials provided by UT SASSI Office & additional departmental resources
- Board preparation assistance
- Hospital Administration Experience with the Erlanger C Suite Leaders
- On site mentoring and advising program, Financial Planning
- Statewide Gold Humanism Honor Society Chapter based in Chattanooga
- Women in Medicine & Sciences Chapter
- Opportunities for patient safety, quality improvement, & research presentations (locally, regionally, and nationally)
- Monthly students lunches or dinners with the UT Deans and Erlanger CEO
- MSPE preparation available in Chattanooga



Clerkship Directors

Capstone: Mukta Panda, MD, FACP
Cardiology: Charles Campbell, MD, FACP
Emergency Medicine: Jacob Hennings, MD
Family Medicine: Mack Worthington, MD
Internal Medicine: Gary Malakoff, MD, FACP
Medicine Specialties: Gary Malakoff, MD, FACP
Neurology: Abdelazim Sirelkhatim, MD

OB/GYN: Jeanie Dassow, MD
Orthopaedic Surgery: Jesse Doty, MD
Pediatrics: Cathy Stevens, MD
Psychiatry: Terry Holmes, MD
Surgery: Michael Greer, MD
Surgical Specialties: Michael Greer, MD
Urology: Amar Singh, MD

Core Clerkships and Required Senior Rotations

FME3-3001/F Family Medicine Clerkship	MED3-3001/F Medicine Clerkship
MED3-3002/F Required Senior Clerkship in Medicine	MED3-3003/F Required Senior Ambulatory Medicine Clerkship
NEU3-3001/F Neurology Clerkship	OBG3-3001/F Obstetrics and Gynecology Clerkship
PED3-3001/F Pediatrics Clerkship	PSQI-2002/F Patient Safety/Quality Improvement Clerkship
PSY3-3002/F Psychiatry Clerkship	SPE3-3001/F Required Medicine Specialty Clerkship
SUR3-3001/F Surgery Clerkship	SUR3-3002/F Required Surgery Specialties Clerkship
IDE3-4040/F Capstone Course	

Other Senior Electives

EME3-3030/F JI Any – Emergency Medicine	FME3-3010/F Family Medicine Senior Clerkship
FME3-4010/F Advanced Preceptorship in Family Medicine	MED3-3010/F JI Any – Senior Clerkship in Medicine
MED3-3031/F JI Any – Critical Care Medicine	MED3-4010/F Jr Fellowship in Infectious Diseases
MED3-4060/F Jr Fellowship in Cardiology	MED3-4070/F Endocrinology and Diabetes
MED3-4080/F Gastroenterology	MED3-4120/F Jr Fellowship in Nephrology
MED3-4131/F Pulmonary Medicine	MED3-4140/F Rheumatology
NEU3-3010/F JI Any – Senior Clerkship in Neurology	OBG3-3011/F Junior Internship in Obstetrics
OBG3-3021/F Gynecologic Oncology	OBG3-3022/F JI In Minimally-Invasive Gynecologic Surgery
OBG3-4011/F Senior Elective in OBGYN Outpatient Care	OBG3-4019/F Maternal Fetal Medicine Research & Introduction to Research Design & Statistical Analysis
ORS3-4010/F Orthopaedic Surgery	PAT3-4010/F Pathology
PED3-3010/F JI Any – Senior Clerkship in Pediatrics	PED3-4009/F Clinical Genetics
PED3-4010/F Pediatric Neurology Elective	PED3-4030/F Pediatric Emergency Medicine
PED3-4031/F PICU	PED3-4035/F Neonatology
PED3-4060/F Pediatric Cardiology	PED3-4070/F Pediatric Endocrinology
PED3-4080/F Pediatric Gastroenterology and Nutrition	PED3-4100/F Pediatric Hematology/Oncology
PED3-4130/F Pediatric Pulmonology	SUR3-4020/F Plastic Surgery
RAD3-4010/F Diagnostic Radiology	PSY3-3010/F JI Any-Senior Clerkship in Adult Psychiatry
SUR3-3010/F JI Any – Senior Clerkship in Surgery	SUR3-3030/F JI Any – Surgical Critical Care
SUR3-4010/F General Surgery	SUR3-4060/F Peripheral Surgery
SUR3-4061/F Thoracic Surgery	URO3-4010/F Urology Elective
IDE1-4020/F Health System Leadership	Special Global Health Elective in Haiti

Come to Chattanooga - Enhance Your Educational Portfolio

**Patient Care and Education: Hands-on Experience in
Patient Care and Exposure to a Diverse Pathology**

EMERGENCY MEDICINE

- Involvement in care for patients in all 3 settings: Main, Children's, and East Emergency Departments.
- Participation in the emergency care and disposition of acute medical and surgical emergencies and direct involvement in the management of critically ill patients.
- Close supervision by board-certified physicians.
- Routine opportunities to perform minor emergency procedures, such as wound care and abscess drainage.

FAMILY MEDICINE

- 4 weeks on inpatient service and 4 weeks in an outpatient setting.
- Hands-on opportunities in all locations with an option for night float (opportunity to work 1 on 1 with senior resident.)
- Patients of all ages are seen with diverse pathology including heart disease, diabetes, pulmonary disease women's health, obstetrics, pediatrics, sports medicine, office and hospital-based procedures, etc.

MEDICINE

- M3 Clerkship students and M4 Junior Interns are an integral part of one of four inpatient teams, admitting patients, following patients in and out of the ICU's; patient pathology is extremely varied given Erlanger's huge catchment area (exposure to basic medical, neurologic, critical care diseases.)
- M4 students can rotate through Ambulatory Care service where exposure to common medical problems seen in the outpatient setting.
- M4 students can rotate through subspecialties: GI, Cardiology, Pulmonary, Rheumatology, Endocrinology, Allergy, Derm, Neuro, Psychiatry, Critical Care, & ID.

OB/GYN

- Two weeks each inpatient OB and inpatient GYN.
- One week GYN Oncology
- One week Night Float - OB, GYN and ED coverage
- Two weeks clinic - REI, URO-GYN, Mammography, Regional Obstetrics (MFM), and Rural Outreach Clinic as well as resident clinic, Ultrasound Clinic.
- Skills Lab for 4 hours weekly.
- Active participation in Didactic Sessions for four hours each Friday morning.

ORTHOPAEDICS

- Round on inpatients.
- Attend out-patient office/clinics and the OR with team
- Opportunity to take call with residents.
- Attend all conferences and other teaching events.

PEDIATRICS

- Exposure to a wide variety of pathology in the inpatient, general outpatient and subspecialty areas; including common peds diseases as well as uncommon problems and patients seen by the peds subspecialists.
- Encouraged to do the initial histories and physicals, develop a differential diagnosis and treatment plan.
- Directly supervised by residents and faculty.
- Scheduled series of both didactic and interactive lectures directed specifically for students and also attend the weekly lecture series for residents, morning reports and Grand Rounds.

SURGERY

- Two weeks on each of these services: Acute Care Surgery, Trauma, General Surgery and Vascular Surgery.
- Exposure to other specialty Surgical Services including Pediatric, Breast and Colorectal.
- Six weekday 24 hour call days and two weekend 24 hour call days, eight total 24 hour calls.
- Active participation in Didactic Sessions with various General and Specialty Surgical Faculty.
- Required participation in a Chief Resident directed outpatient clinic, at least once weekly.

UROLOGY

- Shadow physicians in the clinic, hospital and OR.
- Some exposure to procedures.

Teaching (Peers, Nurses, Pharmacists, Premed, High School Students, etc.)

EMERGENCY MEDICINE

- All medical students present a clinical case with relevant teaching points at the end of the 4-week rotation. The presentations are 20 minutes and are required.
- Students update their peers and EM residents with an evidenced based teaching points based on the clinical case.

FAMILY MEDICINE

- Students have the opportunity to work with athletic training graduate students, pre-med, high school, PA students, nurses and care coordinators.
- Students are expected to do several mini-presentations regarding the patients they care for while on the inpatient service as well as give an evidence-based mini-lecture at the end of their rotation.
- Global health elective to work and teach in Haiti.

MEDICINE

- Medical students are actively involved in teaching each other, nurses, colleagues.
- Students are expected to do several bedside and morning report presentations of pertinent topics involving patient care.

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- Medical students actively participate in the hosting of UTC Premed students and the Future Docs and Youth Leadership Forum –programs that host college and senior high school students who rotate with inpatient teams in order to increase exposure to medicine.
- M3 and M4 students will present cases during morning report, noon conferences, etc.

OB/GYN

- Each student prepares and leads a session for their peers of USMLE “Test Prep” Questions to help everyone for the shelf exam.
- They may teach prenatal classes at the Silverdale Detention Center. Many opportunities for teaching patients in the clinical settings exist.
- Regularly prepare short topic presentations for rounds.

PEDIATRICS

- There are opportunities for students to educate other students and residents particularly on teaching rounds in the hospital and at morning report.

SURGERY

- Students actively participate in teaching of UTC Premed students with the Future Docs and Leadership Forum programs.
- Students will present patients at morning rounds with residents and faculty.

UROLOGY

- Teaching by physicians, nurse & techs.

Scholarly Activity (Research Projects, Case Vignettes, Meeting Presentations, Journal Clubs, Etc.)

EMERGENCY MEDICINE

- Students can work one-on-one with faculty mentors to produce scholarly activity.
- Multiple longitudinal projects are currently collecting clinical data, and students are welcome to assist in any of these ongoing projects.

FAMILY MEDICINE

- Students must prepare an evidence based power point presentation for our conference schedule. This can be on a variety of topics but must involve research in the preparation.
- Daily reading is required, with documentation, to emphasize the importance of continuing learning.
- Optional opportunity to publish Evidence-Based Article.

MEDICINE

- Our medical students have presented and published case vignettes, posters, and abstracts at TN ACP, SSGIM.
- **Moore RD, Rutter ED, Zapko DR, Kolade VO, Ayyoub SM.** Abdominal aortic aneurysm with inferior vena cava compression in association with deep venous thrombosis. *Am J Med Sci.* 2013;346(6):521-2. Doi:

10.1097/MAJ.0b013e3182a55a96. PubMed PMID: 24263082.

- **Cesari WA, Vaikunth SS, Lewis JB, Panda M.** Know Your Audience: Analysis of Chief Complaints at Clinica Esperanza, a Student-Run Free Clinic in Memphis, Tennessee. *Journal of Primary Care & Community Health* 2150131912442713, first published on April 19, 2012 as doi:10.1177/2150131912442713 (T10 R8.)
- **Neal M. Thanksgiving,** *Academic Medicine* 2014;89(4):595. PMID: 24667474; doi:10.1097/ACM.0000000000000168.
- The patient is high and so are his labs. **Cibulas, Schaefer, Kagen, Tudor:** Tennessee ACP poster 2013.
- Altered mental status in a patient with IV drug abuse: Meningitis or endocarditis? **Turner, Ayyoub, Lewis, Cibulas, Schaefer:** Tennessee ACP abstract, 2013.
- Abdominal aortic aneurysm with inferior vena cava compression: an unusual cause of deep venous thrombosis. **Ryan Moore, MD; Elizabeth Rutter; Daniel Zapko, MD; Shadi Ayyoub, MD; Victor O Kolade, MD;** SSGIM Poster 2013.

OB/GYN

- Students are invited to join ongoing research within the department.

ORTHOAEDICS

- Present ER admitted patients at morning check-out rounds.
- See and present patients in clinic.

PEDIATRICS

- Students are encouraged to participate in scholarly activities such as defined research projects, case reports and QI projects.
- Some students will pursue a presentation at a regional meeting or participate in preparation of a manuscript for publication.

SURGERY

- Students are required to choose, research, and present four cases to fellow students and Clerkship Director, which is also used as preparation for Oral Exam.
- Students are invited to join ongoing research with surgery residents or faculty.
- We've had several students participate on research posters and papers that have been selected to presented and published at various regional/national surgical meetings with eventual publication.
- Students are invited to actively participate in monthly Journal Club.
- While on Vascular rotation, students attend weekly Vascular Conference.
- **Willingham TB (MS2 UTHSD), Royer AM, Giles HW. A** Rare Case of Epiploic Appendicitis Leading to Small

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Bowel Obstruction. Southeastern Surgical Congress
2/22-25/2014, Savannah, GA.

Patient Safety and Quality Improvement

EMERGENCY MEDICINE

- Students participate in a group root cause analysis during the regularly scheduled morbidity and mortality conference with EM residents.

FAMILY MEDICINE

- Opportunity to work in our office which is a Patient Centered Medical Home certified for quality by the National Committee for Quality Assurance, where quality is a focus of our daily activities.

MEDICINE

- Students participate in PSQI endeavors by attending IHI Open School.
- Students participate with house staff in PSQI design and implementation.
- Students participate in the M&M conferences and Annual PS/QI Day.

OB/GYN

- The department participates actively in IHI, and students are welcome to join in. A student participated actively in an IHI project in Spring 2014.

PEDIATRICS

- These topics are discussed in pediatric continuity clinics, Grand Rounds and other conferences. Students are welcome to participate in QI projects that are new or ongoing in the pediatric department.

SURGERY

- Weekly Skills Lab session with Resident participation.
- Sim Lab session with direct training including Central Line Placement and Tube Thoracostomy.
- Active participation in Erlanger Hospital's Tumor Board with our own Surgery Faculty, weekly Surgery M&M Conference as well as monthly IHI Open School.
- **Stephens A (M3), Royer AM, Stanley JD.** Incentivizing DNR form utilization for General Surgery at Erlanger Medical Center – Patient Safety/Quality Improvement Presentation – May 2014. Erlanger Hospital.

UROLOGY

- Discussed when appropriate.

Leadership, Administration, Advocacy

EMERGENCY MEDICINE

- Medical students are invited to participate in activities co-sponsored with the Tennessee College of Emergency Physicians.
- Students are invited to attend the American College of Emergency Physicians' Leadership and Advocacy Conference, held each May in Washington, DC.
- Students are also invited to attend the TCEP Annual Scientific Assembly each March, where they can

personally interact with state representatives and legislative liaisons.

FAMILY MEDICINE

- Students attend the Medical Society "Doctors Day on the Hill" to Nashville to interact with our state legislators.

MEDICINE

- M3 Clerkship and M4 JI are advocates for their patients.
- Students are active participants in the twice weekly Multidisciplinary Rounds Sessions.
- Students actively engage with consultants, social workers, nurses, techs, coding experts etc. as part of their patient care activities and discharge planning.
- Students attend the Medical Society "Doctors Day on the Hill" to Nashville to interact with our state legislators.
- The students with faculty advisor from Medicine lead the WIMS group.
- Students participate in Monthly Mindfulness in Medicine Lecture Series.

OB/GYN

- Student membership and participation is available with ACOG, APGO, and NASPAG. A current student received a scholarship to attend the ACOG meeting.

PEDIATRICS

- Since residents often participate in advocacy projects students are welcome to become involved as well.

SURGERY

- Students are invited to participate in Lady Surgeons Club, founded by one of our faculty, Dr. Shauna Lorenzo.
- Student membership is available in American College of Surgeons and Southeastern Surgical Congress, whose annual meeting will be held in Chattanooga in Feb. 2015.

UROLOGY

- Students are encouraged advocating good health to patients, i.e. no smoking, diet control etc.

Community Service

FAMILY MEDICINE

- Rural Health Department Obstetrics, Underserved Free Clinic, Hospice, Crisis Pregnancy Center opportunities.

MEDICINE

- Minority Health Fair
- Prostate Cancer screening at Southside and Dodson Avenue Clinics.
- Annual Press Out Domestic Violence bench press competition
- Annual Holiday Concert
- Susan B Komen Race for Cure

OBGYN

- The department's students actively participate in two programs with the Health Department - HUGS (Help Us Grow Successfully) and PAFT (Parents as First Teachers). Each student participates in a home visit with a social

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worker and then writes a reflection on it. There are opportunities to be involved in more service with PAFT for interested students.

PEDIATRICS

- The residents sometimes participate in community service activities in the schools or for fund raising efforts for various agencies involved in children's health. These activities are open for student participation as well.