

*Our Mission*  
to serve through healing,  
education and discovery.

THE UNIVERSITY of  
**TENNESSEE** **UT**  
GRADUATE SCHOOL  
OF MEDICINE

**UT** THE UNIVERSITY OF TENNESSEE  
**MEDICAL CENTER**  
Wisdom for Your Life.

## The University of Tennessee Medical Center

The University of Tennessee Medical Center (UTMC) is the East Tennessee region's only academic medical center. Our mission of serving the region through healing, education, and discovery is made possible through the partnership of University Health System, Inc. and the UT Graduate School of Medicine, Knoxville, which is a regional campus of the University of Tennessee Health Science Center (UTHSC), Memphis, TN.

For over 60 years, UTMC has been a leader in improving the health and wellness of the region and serves as a referral center for Eastern Tennessee, Southeast Kentucky, and Western North Carolina. We are the region's only Academic Medical Center, Magnet recognized hospital, and Level I Trauma Center. Our 715-bed hospital is home to East Tennessee's only dedicated Heart Hospital, adult transplant center, and regional perinatal center. We are proud to be recognized by The Joint Commission/American Heart Association as a Comprehensive Stroke Center and our six Centers of Excellence provide the highest quality of specialized services to patients.



As a medical facility built on the traditions of teaching, we offer an extensive, diverse clinical environment. From physicians to technologists, our faculty and health educators are responsible for the training and development of the entire spectrum of health providers, researchers, and professionals.

Close proximity to the flagship campus of the University of Tennessee and the Oak Ridge National Laboratory allows our faculty to cultivate research efforts and interests with some of the nation's top scientific innovators. Intercollegiate programs with the UT College of Veterinary Medicine prepare students for research careers in comparative and experimental medicine.

### *We Value*

Integrity • Excellence • Compassion • Innovation • Collaboration • Dedication

[www.utmedicalcenter.org](http://www.utmedicalcenter.org)  
[gsm.utmck.edu](http://gsm.utmck.edu)

## NATIONAL RECOGNITIONS



2012, 2013, 2014, 2015, 2016, 2017



2016



2011-2015, 2016-2020



2015, 2016, 2017



2016, 2017



2016, 2017



Advanced Medical Simulation, 2016

## Healing

### Centers of Excellence

- *Advanced Orthopaedic Center* offers the most comprehensive range of orthopaedic services in East Tennessee, including Level I Trauma Care with a team offering the area's most advanced skills, interventions and treatments.
- *Brain and Spine Institute* cares for patients with neurological diseases and disorders, including treating those with complex stroke, Parkinson's and Alzheimer's disease. *The Pat Summitt Clinic* brings a collaborative team of specialists together to meet the individual needs of Alzheimer's patients and their families.
- *The Cancer Institute* is the largest provider of cancer care in the region and offers specialized cancer treatment and care for the adult population.
- *Emergency and Trauma Center* is the only Level 1 Trauma Center in the East Tennessee area for adults and children and serves as a tertiary referral center.
- *The Heart Lung Vascular Institute* provides patients centralized care including: health screenings, diagnosis, treatment, support, and rehabilitation.
- *The Center for Women and Infants* focuses on heart disease, cancer, arthritis and menopause-related issues. The center is the state-designated regional perinatal center for high-risk pregnancies and is certified as a private room Level III NICU.

### Primary Care Network

We are home to primary care clinics that provide ambulatory care and assist coordinating healthcare services on the UTMC campus. Several of our residency and fellowship programs work in conjunction with our clinics to provide these services and include: Internal Medicine Clinic, REACT Clinic for hospital discharge follow-up, Obstetrics and Gynecology Clinic, and University Family Physicians. In addition to the UTMC clinics in Knoxville, primary care satellite facilities serve the local communities in Lenoir City and Sevierville.

### National Recognitions

We have earned both state and national recognition for the quality and safety of our care, research efforts, and educational programs. *U.S. News and World Reports* ranks us as the #2 hospital in Tennessee and names us the "Best Hospital" in the East Tennessee region. Two of our adult care specialties, Pulmonology and Nephrology, are recognized as high performing as well as nine subspecialties: abdominal aortic aneurysm repair, heart bypass surgery, heart failure, colon cancer surgery, chronic obstructive pulmonary disease, hip replacement, knee replacement, and lung cancer surgery. (*U.S. News and World Reports, 2017*). Our hospital is a recognized ANCC Magnet Program and received the 2016 TNCPE Excellence Award. We are the first educational institute that is accredited by the American College of Surgeons in the state of Tennessee for advances in medical simulation.

### FIRST & ONLY

Region's only Academic  
Medical Center

First Dedicated Heart Hospital  
in East Tennessee

Knoxville area's only Level 1  
Trauma Center

Region's only Transplant  
Center

Region's only Comprehensive  
Stroke Center

Region's only Perinatal Center

First post-graduate Forensic  
Odontology program in the US

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## Education

### The Graduate School of Medicine

We have ten academic departments with more than 400 full-time and volunteer teaching physicians, dentists, and researchers. Approximately 224 residents and fellows currently train in 15 ACGME-accredited specialty and subspecialty programs, and 16 residents train in CODA-accredited general dentistry and AAOMS accredited oral and maxillofacial surgery programs.

#### Residency Programs

Anesthesiology  
Family Medicine  
General Dentistry  
Internal Medicine  
Obstetrics and Gynecology  
Oral & Maxillofacial Surgery  
Pathology  
Radiology  
Surgery  
Transitional Year  
Urology

#### Fellowship Programs

Advanced GI MIS  
Cardiovascular Disease  
Emergency Medicine  
Forensic Dentistry  
Interventional Cardiology  
Oral/Head & Neck Oncologic Surgery  
Pulmonary Disease/Critical Care Medicine  
Sports Medicine  
Surgical Critical Care  
Vascular Surgery

### AT A GLANCE

98% Board pass rate for residents

Intercollegiate opportunities with the Colleges of Veterinary Medicine, Nursing, Law, Business, and Engineering

One of a kind national post-graduate Forensic Odontology program in the US

In 2015-16, UTMC hosted 280 medical student rotations

### Medical Student Education

Third-year medical students from the University of Tennessee Health Science Center perform core clerkships with our faculty in family medicine, internal medicine, obstetrics and gynecology, surgery, pediatrics, neurology, and psychiatry.

Fourth-year electives are offered to encompass all specialties and subspecialties and are available to medical students across the country.

### Undergraduate Student Programs

The Medical Explorations Program is available to college students who want exposure to a variety of medical professions. Summer research opportunities are awarded to medical students through the I. Reid Collmann, M.D. Medical Student Educational Endowment.

### Pharmacy

Residency & Student Education

### Nursing Care

Nurse Anesthesia Concentration (NBCRNA)  
Perioperative RN Residency Program

### Pastoral Care

Clinical Pastoral Care Education Residency Program

### Health Professional Career Training

Physician Assistant  
Medical Laboratory Science/Medical Technology  
Radiography & Vascular Interventional  
Radiography Technology  
Surgical Technology

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## Discovery

UTMC sponsors extensive translational research in both the clinical and laboratory settings. We collaborate with the University of Tennessee Health Science Center, University of Tennessee, Knoxville (UTK), UT College of Veterinary Medicine, Oak Ridge National Laboratory (ORNL), and other health science center institutions.



### Research Programs

- Amyloidosis and Cancer Theranostics Program
- Anesthesiology Research Division
- NeuroNet
- Molecular Imaging and Translational Research Program
- Preclinical Diagnostic and Molecular Imaging Laboratory
- Regenerative Medicine
- Vascular Research Laboratory
- Oral Surgery Research Laboratory
- Trauma Critical Care Research Laboratory
- Cancer Community of Scholars

### Research in National News

- Opiate detoxification during pregnancy
- Spreading HIV by sharing snorting straws
- Amyloidosis imaging
- Breast tumor node metastasis staging system
- Hormone replacement therapy and vascular disease
- ODAM (odontogenic ameloblast-associated protein) in cancer
- Effects of sleep on memory

### Office of Clinical Trials

UTMC participates in clinical research studies of national merit through its Office of Clinical Trials, offering a wide range of trials in oncology, Alzheimer's disease, stroke, multiple sclerosis, and other common diseases.

### Institutional Review Board

The Institutional Review Board (IRB) was established as an on-site institutional committee competent to review research projects that involve human subjects. This committee has been designated as the IRB and consists of representatives from the UTMC and surrounding community.

### AT A GLANCE

Our Amyloidosis research program is internationally recognized.

Nine patents have been issued in the U.S. and internationally with 5 more pending therapies for amyloidosis, imaging agents for amyloid, therapy for cytomegalovirus, diagnostics for identifying patients at risk of amyloid.

Our research efforts have been awarded \$8M in NIH grants over the last 10 year period.

Site partner with Siemens Medical Solutions for preclinical diagnostic imaging.

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## Campus Resources

### Faculty Development

We place emphasis on faculty development and have resources and administration in place to help physicians grow their clinical, teaching and discovery skills to obtain national professional recognition for clinical, research and educational excellence. We have an Academy of Scholars that recognizes excellence in teaching and scholarly activity, and also fosters an environment that supports physicians as teachers.

### Health Information Center – Preston Medical Library



The Health Information Center is conveniently located in the main lobby of the medical center and provides patients, family members and the community with customized health information. This service is provided by faculty librarians and library associates who are certified in consumer and patient health information.

The Preston Medical Library in the Health Information Center provides physicians, residents and students with access to journals, databases and mediated searches. Preston's librarians serve as liaisons to each of the clinical departments.

### Center for Advanced Medical Simulation

The Center for Advanced Medical Simulation, established in early 2007, is a state of the art 6500 square foot simulation center offering our medical teams and healthcare professionals across the region opportunities to master medical skills using life-size human patient simulators, laparoscopic and endoscopic simulators, and other skills-building models. It is the only American College of Surgeons Accredited Educational Institute in the State of Tennessee for advances in medical simulation.

### The Office of Medical Education, Research, and Development

The Office of Medical Education, Research and Development is a central resource and consultant center for promoting excellence and innovation in research and medical education. OMERAD, under the direction of the Dean's Office, operates as an internal consulting resource to the faculty, fellows, and residents.

## AT A GLANCE

Since 2013, the Simulation Center has led nearly 7,000 learning activities among nearly 2,500 learners including faculty, residents, medical students, nurses and more.

Our library received the National Commission on Libraries and Information Science Blue Ribbon Award for Consumer Health Information.

In 2016, our medical librarians provided clinicians with 560 literature searches and delivered more than 3,000 journal articles.

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## Campus Growth

### **Patient Care**

- Since opening in 1956, the campus has increased in size by 800%.
- Since opening in 1956, the number of beds has increased by 200%.
- From 2010-2016, inpatient admissions grew 25%.
- From 2010-2016, inpatient surgery grew 20%.
- The Pat Summitt Clinic dedicated to Alzheimer's Disease opened in 2017.



### **Faculty**

- Since 2005, faculty physicians have increased by 25%.

### **University Family Physicians**

- Since 2011, patient encounters for the clinic have grown by 14%.
- Since 2011, faculty encounters have grown by 17%.

### **Residency/Fellowship Program Growth**

- Since 2007, total residents and fellows has increased 28%.
- Since 2007, the total number of fellows has increased 150%.
- Since 2007, fellowship programs have increased by 43%.

### **Medical Students**

- Since 2007, medical student rotations have increased 70%.

### **Research**

- Since 2012, clinical trials have increased 300%.

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