The Texas A&M University College of Medicine (COM) offers professional and graduate degree programs. The College of Medicine's mission is to improve the health and well-being of the people of Texas through excellence in education, research and health care delivery. The college's vision is to develop the innovators and leaders in medicine and biomedical research who will transform American medicine in the 21st century.

**Areas of Excellence**

**Rural and population health:** We're bringing health care where it's needed most. Through our keen focus on rural populations and innovative care delivery, we're eliminating health disparities throughout Texas.

**Military medicine:** We honor Texas A&M University's rich military legacy. Through our unique relationship with the military academies and veteran populations, we're improving the lives of military members and their families.

**Innovation:** We make the impossible, possible—by creating systems and technologies that address health care's greatest challenges, and bringing together the brightest minds in health care and engineering.

**Degree Programs (https://medicine.tamhsc.edu/degrees/)**

The College of Medicine offers multiple paths to earning a medical degree:

- Traditional MD, for students who want to practice medicine
- EnMed, for physicians who want to engineer patient solutions
- MD/PhD, for highly motivated students planning careers in academic medicine
- MD Plus, which combines the MD degree with one of five master's programs:
  - MBA in conjunction with the Mays Business School
  - MPH in conjunction with the School of Public Health
  - MS in education of health care professionals
  - MS in medical science
  - MS in science and technology journalism in conjunction with the College of Veterinary Medicine & Biomedical Sciences

There are also graduate programs for students not interested in earning a medical degree but who are still interested in health care or biomedical research.

- Certificate or MS in education for health care professionals, for those interested in health care teaching or academia
- MS or PhD in medical sciences, for specialized graduate research

**Research Opportunities (https://medicine.tamhsc.edu/research/)**

Research is conducted through both the basic science and clinical departments, as well as specialized research centers and institutes affiliated with the College of Medicine. Specialty areas include:

- Biochemistry, cancer, cardiovascular and integrated biology
- Cellular and molecular biology
- Microbial and molecular pathogenesis
- Neuroscience and experimental therapeutics
- Engineering medicine
- Military medicine

Administrative Officers (https://www.tamhsc.edu/about/leadership/)

Dean - Amy Waer, MD

**Faculty**

Adams, Rae A, Clinical Associate Professor  
College of Medicine  
MD, Texas A&M University, 2008  

Alaniz, Robert C, Research Assistant Professor  
College of Medicine  
PHD, University of Washington, 2015  

Allen, Gregg C, Instructional Associate Professor  
College of Medicine  
PHD, Texas A&M University, 2001  

Amrein, Hubert O, Professor  
College of Medicine  
PHD, University of Zürich, 1989  

Andrews-Polymenis, Helene, Professor  
College of Medicine  
DVM, Texas A&M University, 2001  

Arnold, Stacey, Clinical Assistant Professor  
College of Medicine  
EDD, Texas A&M University, 2007  

Avery, Andrew N, Clinical Professor  
College of Medicine  
MD, University of Texas Medical Branch at Galveston, 1973  

Bagher, Pooneh, Assistant Professor  
College of Medicine  
PHD, Cornell University, 2007  

Bake, Shameena, Research Assistant Professor  
College of Medicine  
PHD, University of Kerala, 2001  

Baker, Vytas A, University Distinguished Professor  
College of Medicine  
PHD, University of North Carolina, 1984  

Bayless, Kayla J, Associate Professor  
College of Medicine  
PHD, Texas A&M University, 1999
Blalock, Katherine E, Clinical Assistant Professor
College of Medicine
MD, Texas A&M University, 2011

Bondos, Sarah E, Associate Professor
College of Medicine
PHD, University of Illinois at Urbana-Champaign, 1998

Borchardt, Craig W, Instructional Assistant Professor
College of Medicine
PHD, Texas A&M University, 1996

Brandt, Paul C, Associate Professor
College of Medicine
PHD, University of Kentucky, 1990

Bray, Amanda E, Clinical Assistant Professor
College of Medicine
MD, Louisiana State University, 2012

Cannaday, Rania A, Clinical Assistant Professor
College of Medicine
MD, University of Texas Health Science Center at Houston, 2014

Cannon, Carolyn L, Associate Professor
College of Medicine
MD, University of Texas Health Science Center at Houston, 1993
PHD, University of Texas Health Science Center at Houston, 1993

Carter, Misti H, Clinical Assistant Professor
College of Medicine
PHD, University of Texas, 2003

Chakraborty, Sanjukta, Assistant Professor
College of Medicine
PHD, Indian Institute of Science BanGalore, 2007

Champion, Katherine A, Instructional Assistant Professor
College of Medicine
PHD, University of California at Berkley, 2012

Chang, Jiang, Professor
College of Medicine
PHD, Texas A&M University, 1999

Chen, Weijung, Professor
College of Medicine
PHD, Peking University, 2003

Chen, Zhilei, Associate Professor
College of Medicine
PHD, University of Illinois, 2006

Chico, Diane E, Associate Professor
College of Medicine
PHD, The University of Texas Medical Branch at Galveston, 2002

Choi, Keslea Y, Research Assistant Professor
College of Medicine
PHD, University of California at Davis, 1997

Cirillo, Jeffrey D, Regents Professor
College of Medicine
PHD, Albert Einstein College of Medicine, 1992

Dashwood, Roderick, Professor
College of Medicine
PHD, University of Portsmouth, 1986

Davies, Peter, Professor
College of Medicine
PHD, University of Miami, 1975

Defigueiredo, Paul J, Associate Professor
College of Medicine
PHD, Cornell University, 1997

Derry, Paul, Associate Professor
College of Medicine
PHD, Rice University, 2016

Dewsnup, Michael A, Instructional Assistant Professor
College of Medicine
PHD, Colorado State University, 2019

Dickey, Nancy J, Professor
College of Medicine
MD, University of Texas Health Science Center at Houston, 1976

Dubois, Dustin W, Research Assistant Professor
College of Medicine
PHD, Texas A&M University, 2004

Earnest, David, Professor
College of Medicine
PHD, Northwestern University, Evanston, 1984

Ficht, Allison R, Professor
College of Medicine
PHD, Vanderbilt University, 1980

Florez Arango, Jose, Research Associate Professor
College of Medicine
MD, Universidad de Antioquia, 2000
PHD, University of Texas Health Science Center, 2009

Frakes, Mark, Clinical Assistant Professor
College of Medicine
MD, University of Illinois Rockford, 2016

Frias Ferreira, Heidy, Instructional Assistant Professor
College of Medicine
MD, Universidad Central del Este San Pedro de Macoris, Dominican Republic, 2007

Friedman, Jennifer Diane, Clinical Assistant Professor
College of Medicine
MD, University of California at San Francisco, 1997

Gashev, Anatoliy, Associate Professor
College of Medicine
PHD, Pavlov Institute of Physiology, 1989

Geoffroy, Cedric G, Assistant Professor
College of Medicine
PHD, University of Cambridge, 2008

Gibson, Jeremy, Clinical Associate Professor
College of Medicine
MD, University of Texas Medical Branch at Galveston, 1998
Gill, Kory L, Clinical Assistant Professor
College of Medicine
DO, Kansas City University of Medical and Biosciences, 2005

Glaser, Shannon, Professor
College of Medicine
PHD, Texas A&M University, 2006

Gregory, Carl A, Associate Professor
College of Medicine
PHD, University of Manchester, 1999

Griffith III, William, Regents Professor
College of Medicine
PHD, The University of Texas Medical Branch at Galveston, 1980

Harper, R, Clinical Assistant Professor
College of Medicine
MD, University Of Texas Houston Medical School, 1984

Hein, Travis, Professor
College of Medicine
PHD, Texas A&M University, 1997

Hettema, John, Clinical Assistant Professor
College of Medicine
MD, Virginia Commonwealth University, 1997

Hnatek, Joyce P, Clinical Assistant Professor
College of Medicine
MD, University of Texas Medical School at San Antonio, 1987

Hogue Jr, Grady C, Clinical Assistant Professor
College of Medicine
MD, University of Texas Health Science Center at San Antonio, 1984

Hook, Axel, Professor
College of Medicine
PHD, University of Uppsala, Sweden, 1974

Huang, Yun, Associate Professor
College of Medicine
PHD, Georgia State University, 2009

Hubbard, John K, Instructional Associate Professor
College of Medicine
PHD, Texas A&M University, 1996

Hurdle, Julian, Associate Professor
College of Medicine
PHD, University of Leeds, 2005

Huston, David P, Professor
College of Medicine
MD, Wake Forest University, 1973

Hyde, Jennifer A, Assistant Professor
College of Medicine
PHD, Texas A&M University, 2005

Isbell, Teresa, Clinical Assistant Professor
College of Medicine
PHD, The University of North Texas, 2014

Jinadatha, Chetan, Clinical Associate Professor
College of Medicine
MD, J.J.M. Medical College, 2001

Kapler, Geoffrey, Professor
College of Medicine
PHD, Harvard University, 1989

Karpac, Jason S, Associate Professor
College of Medicine
PHD, The University of Oklahoma Health Sciences Center, 2007

Kent, Thomas, Professor
College of Medicine
MD, University of Kansas Medical Center, 1979

Kraft, Dianne, Instructional Assistant Professor
College of Medicine
PHD, Texas A&M University, 2002

Kuo, Lih, Regents Professor
College of Medicine
PHD, Virginia Commonwealth University, 1987

Lee, Ryang H, Associate Professor
College of Medicine
PHD, Pusan National University, South Korea, 2003

Leibowitz, Julian L, Professor
College of Medicine
MD, Albert Einstein College of Medicine, 1975
PHD, Albert Einstein College of Medicine, 1974

Liberzon, Israel, Clinical Assistant Professor
College of Medicine
MD, Sackler Medical School, Tel Aviv University, Tel Aviv, Israel, 1987

Lichorad, Anna, Clinical Assistant Professor
College of Medicine
MD, University of Texas Health Science Center at Houston, 1994

Liu, Fei, Associate Professor
College of Medicine
PHD, Fourth Military Medical University, China, 2002

Liu, Mingyao, Senior Professor
College of Medicine
PHD, University of Maryland, 1992

Liu, Wenshe, Professor
College of Medicine
PHD, University of California at Davis, 2005

Maxwell, Steven A, Associate Professor
College of Medicine
PHD, University of Texas Health Science Center at Houston, 1985

McCord, Carly, Clinical Assistant Professor
College of Medicine
PHD, Texas A&M University, 2013

McCord, Gary C, Clinical Professor
College of Medicine
MD, University of Texas Medical Branch, 1983
Schapiro, Michelle A, Assistant Professor
College of Medicine
PHD, University of New England, 1998

Shapiro, Lee, Associate Professor
College of Medicine
PHD, State University of New York at Stony Brook, 2004

Shetty, Ashok K, Professor
College of Medicine
PHD, All India Institute of Medical Sciences, 1990

Sicilii, Mark S, Clinical Assistant Professor
College of Medicine
MD, Texas A&M University, 1981

Singh, Irtisha, Assistant Professor
College of Medicine
PHD, Weill Cornell Graduate School of Medical Sciences, 2017

Sitcheran, Raquel M, Associate Professor
College of Medicine
PHD, University of California at San Francisco, 2000

Skare, Jon T, Professor
College of Medicine
PHD, Washington State University, 1992

Smith Jr, Jack W, Professor
College of Medicine
PHD, Ohio State University, 1986

Smith, Laura N, Assistant Professor
College of Medicine
PHD, George Mason University, 2008

Sohrabji, Farida, Regents Professor
College of Medicine
PHD, University of Rochester, 1991

Song, Jianxun, Professor
College of Medicine
PHD, Third Military Medical University, 1998

Srinivasan, Rahul, Assistant Professor
College of Medicine
PHD, University of Pittsburgh, 2006

Stephan, Clifford, Research Associate Professor
College of Medicine
PHD, Vanderbilt University, 1988

Stevens, Mark L, Clinical Assistant Professor
College of Medicine
MD, University of Texas Health Science Center, 1990

Streusand, William, Clinical Assistant Professor
College of Medicine
MD, Baylor College of Medicine, 1980

Tesh, Vernon L, Professor
College of Medicine
PHD, Emory University, 1988

Threadgill, David, University Distinguished Professor and Regents Professor
College of Medicine
PHD, Texas A&M University, 1989

Threadgill, Deborah, Research Assistant Professor
College of Medicine
PHD, Texas A&M University, 1990

Tong, Carl, Associate Professor
College of Medicine
MD, Texas A&M University, 2002

Trache, Andreea, Associate Professor
College of Medicine
PHD, Institute of Atomic Physics, Romania, 1996

Trzeciakowski, Jerome, Instructional Professor
College of Medicine
PHD, University of Florida, 2015

Tsai, Robert, Associate Professor
College of Medicine
PHD, John Hopkins University School of Medicine, 1996

Van Schaik, Erin, Research Assistant Professor
College of Medicine
PHD, University of Alberta, Edmonton, AB, Canada, 2006

Verhulst, Bradley, Clinical Assistant Professor
College of Medicine
PHD, Stony Brook University, 2010

Verhulst, Shaunna, Clinical Assistant Professor
College of Medicine
PHD, University of California at Los Angeles, 2010

Waer, Amy, Clinical Professor
College of Medicine
MD, University of Arizona, 1992

Wakefield, Karen J, Instructional Assistant Professor
College of Medicine
PHD, Texas A&M University, 2014

Wang, Fen, Professor
College of Medicine
PHD, Clarkson University, 1994

Wang, Hongbin, Professor
College of Medicine
PHD, Ohio State University, 1998

Wang, Jun, Assistant Professor
College of Medicine
PHD, Shanghai Institutes for Biological Sciences, 1999

Watson, Patricia K, Instructional Assistant Professor
College of Medicine
MD, Texas A&M University, 1981

Watson, Robert O, Assistant Professor
College of Medicine
PHD, Yale University, 2006
Wells, Gregg B, Associate Professor  
College of Medicine  
MD, The University of Chicago, 1989  
PHD, The University of Chicago, 1987  
West, Andrew P, Assistant Professor  
College of Medicine  
PHD, Yale University Graduate School of Arts and Sciences, 2011  
West, Laura C, Research Assistant Professor  
College of Medicine  
PHD, Yale University, 2013  
Williamson, Brandon T, Clinical Assistant Professor  
College of Medicine  
MD, Texas A&M University, 2013  
Williamson, Meredith L, Clinical Assistant Professor  
College of Medicine  
PHD, Texas A&M University, 2014  
Wilson, Van G, Professor  
College of Medicine  
PHD, Case Western Reserve University, 1980  
Winzer-Serhan, Ursula, Associate Professor  
College of Medicine  
PHD, University of Bremen, Germany, 1989  
Wu, Xin, Research Assistant Professor  
College of Medicine  
MD, Nantong Medical College, 1985  
Xie, Zhigang, Research Assistant Professor  
College of Medicine  
PHD, University of Alabama at Birmingham, 2001  
Xu, Yi, Associate Professor  
College of Medicine  
PHD, University of Texas Health Science Center at Houston, 1998  
Yadav, Kamlesh, Instructional Assistant Professor  
College of Medicine  
PHD, New York University, 2011  
Young, Keith A, Research Professor  
College of Medicine  
PHD, University of Texas, 1990  
Young, Robin F, Professor  
College of Medicine  
PHD, Vanderbilt University, 1988  
Zawieja, David, Regents Professor  
College of Medicine  
PHD, The Medical College of Wisconsin, 1986  
Zhang, Dekai, Associate Professor  
College of Medicine  
PHD, University of Hong Kong, 1995  
Zhang, Ke, Associate Professor  
College of Medicine  
PHD, Kansas State University, 2008  
Zhang, Shenyuan, Associate Professor  
College of Medicine  
PHD, University of California at Irvine, 2005  
Zhou, Yubin, Associate Professor  
College of Medicine  
PHD, Georgia State University, 2008

**Interdepartmental Programs**

- Education for Health Care Professionals Certificate (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/medicine/interdepartmental/education-healthcare-professionals-certificate/)
- Doctor of Medicine and Doctor of Philosophy Combined Degree Program (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/medicine/interdepartmental/md-phd/)
- Doctor of Philosophy in Medical Sciences (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/medicine/interdepartmental/medical-sciences-phd/)
- Master of Science in Education for Health Care Professionals (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/education-health-care-professionals/ms/)
- Master of Science in Medical Sciences (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/medicine/interdepartmental/medical-sciences-ms/)

**First Professional Doctoral**

- Doctor of Medicine and Doctor of Philosophy Combined Degree Program (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/medicine/interdepartmental/md-phd/)
- Doctor of Medicine in Medicine (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/medicine/interdepartmental/md/)
- Master of Engineering in Engineering and Doctor of Medicine Combined Degree Program (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/)