COLLEGE OF MEDICINE

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
PhD, Tufts University, 1999

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, Kayla J, Associate Professor
College of Medicine
DVM, Texas A&M University, 1999

Bankaitis, Vytas A, University Distinguished Professor
College of Medicine
PhD, University of North Carolina, 1984

Baxter, Douglas, Instructional Professor
College of Medicine
PhD, University of Texas, 1981

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

Dewsnnap, 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

Hetterma, 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
McGregor, Alistair, Associate Professor
College of Medicine
PHD, University of Glasgow, 1994

McKnight, Jason R, Clinical Assistant Professor
College of Medicine
MD, University of Texas Health Science Center - Houston, 2014

McLaughlin Darlene, Clinical Assistant Professor
College of Medicine
MD, The University of Texas Health Science Center, 1980

Meininger, Cynthia, Professor
College of Medicine
PHD, Texas A&M University, 1987

Milman, Robert, Clinical Assistant Professor
College of Medicine
MD, Texas A&M University, 1986

Miranda, Rajesh C, Professor
College of Medicine
PHD, University of Rochester, 1989

Mitchell, Brett, Professor
College of Medicine
PHD, Georgia Health Sciences University, 2003

Miyamoto, Tetsuya, Research Assistant Professor
College of Medicine
PHD, Nagoya University, 2004

Moczygemba, Margarita, Research Associate Professor
College of Medicine
PHD, State University of New York at Stony Brook, 1997

Montgomery, Karienn, Research Assistant Professor
College of Medicine
PHD, University of Florida, 2012

Murray, Ian, Instructional Associate Professor
College of Medicine
PHD, McGill University, Montreal, Canada, 1999

Musser, Siegfried M, Professor
College of Medicine
PHD, California Institute of Technology, 1996

Muthuchamy, Mariappan, Professor
College of Medicine
PHD, Madurai Kamaraj University, India, 1991

Neal, Gabriel A, Clinical Associate Professor
College of Medicine
MD, The University of Oklahoma, 2001

Newell Rogers, Martha, Research Professor
College of Medicine
PHD, University of Colorado, 1987

Paolini, Michael, Instructional Assistant Professor
College of Medicine
MD, Baylor College of Medicine, 2014

Patrick, Kristin L, Assistant Professor
College of Medicine
PHD, Yale University, 2008

Peng, Xu, Associate Professor
College of Medicine
MD, The Medical College of Tongji University, 2015
PHD, Peking University, China, 2000

Peterson, Thomas, Instructional Professor
College of Medicine
PHD, The University of Oklahoma, 1977

Pettigrew, Roderic, Professor
College of Medicine
PHD, Massachusetts Institute of Technology, 1977

Pope, Robert A, Clinical Assistant Professor
College of Medicine
MD, University of Texas Southwestern Medical School, 1992

Rajendran, Praveen, Research Associate Professor
College of Medicine
PHD, Birla Institute of Technology and Science, 2006

Ramos, Kenneth, Professor
College of Medicine
MD, University of Louisville Health Sciences Center, 2011
PHD, The University of Texas at Austin, 1983

Reddy, Doodipala S, Professor
College of Medicine
PHD, Panjab University, India, 1998

Reiner, David, Associate Professor
College of Medicine
PHD, University of Washington, 1996

Rimer, Mendell, Associate Professor
College of Medicine
PHD, University of Maryland at Baltimore, 1993

Roberman Susan, Clinical Assistant Professor
College of Medicine
MD, University of Texas Medical Branch, 1990

Rosa, Robert, Research Professor
College of Medicine
MD, Texas A&M University, 1990

Russell, Gul A, Professor
College of Medicine
PHD, Indiana University, 1962

Rutkowski, Joseph, Assistant Professor
College of Medicine
PHD, Ecole Polytechnique Federale de Lausanne, France, 2008

Sabrsula Jr, Irvin F, Clinical Assistant Professor
College of Medicine
MD, The University of Texas Health Science Center, 1978

Samuel, James E, Regents Professor
College of Medicine
PHD, Washington State University, 1986
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

Sicilio, 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  
PHD, 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/medicine/interdepartmental/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/)