COLLEGE OF MEDICINE

The Texas A&M University College of Medicine offers professional and graduate degree programs. The college'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 Focus

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.

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, (with the Intercollegiate School of Engineering Medicine), 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. Focus areas include:

• Brain, Behavior, Psychiatric and Neurologic Disorders
• Biomedical Engineering and Regenerative Medicine
• Cancer, Cell and Developmental Biology
• Cardiovascular, Lymphatic and Metabolic Disease
• Genetic, Genomic and Network Biology
• Infection, Immunity and Inflammation

Administrative Officers (https://medicine.tamu.edu/)

Dean - Amy Waer, MD

Faculty

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

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, Instructional Assistant Professor
College of Medicine
EDD, Texas A&M University, 2007

Bankaitis, 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
Bhesaniya, Kalpesh, Clinical Assistant Professor 
College of Medicine 
MD, MGM Medical College, 2007

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

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

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

Brown, Charles E. L., Clinical Professor 
College of Medicine 
MD, Tulane University School of Medicine, 1980

Brown, Kevin, Clinical Associate Professor 
College of Medicine 
MD, Medical College of Georgia, 1998

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

Carpenter, Robert, Clinical Professor 
College of Medicine 
MD, Baylor College of Medicine, 1999

Case, Adam, Associate Professor 
College of Medicine 
PHD, University of Iowa, 2011

Cate, Bain, Clinical Assistant Professor 
College of Medicine 
MD, University of Texas Health Science Center - Houston, 1985

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

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

Chang, Jiang, Professor 
College of Medicine 
MD, Wuhan University School of Medicine, 1986 
PHD, Texas A&M University, 1999

Chapa, Hector, Clinical Assistant Professor 
College of Medicine 
MD, UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER, 1996

Chen, Chieh, Research Assistant Professor 
College of Medicine 
PHD, Michigan State University, 2013

Chen, Weijung, Professor 
College of Medicine 
PHD, State University of New York at Binghamton, 1992

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

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

Chockalingam, Karu, Research Assistant Professor 
College of Medicine 
PHD, University of Illinois at Urbana-Champaign, 2006

Choi, Keslea Y, Research Associate 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

Clark, Shunna, Associate Professor 
College of Medicine 
PHD, University of California at Los Angeles, 2010

Conover, Gloria, Instructional Assistant Professor 
College of Medicine 
PHD, Tufts University Graduate School of Biomedical Sciences, 2003

Cook, Joel, Clinical Assistant Professor 
College of Medicine 
DO, University of North Texas Health Science Center, 2012

Cromer, Walter, Instructional Assistant Professor 
College of Medicine 
PHD, Louisiana State University Health Science Center Shreveport, 2011

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

Davies, Peter, Professor 
College of Medicine 
MD, University of Miami School of Medicine, 1972 
PHD, University of Miami, 1975

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

Dewsnap, Michael A, Instructional Assistant Professor 
College of Medicine 
PHD, Colorado State University, 2019
Dickey, Danielle, Instructional Assistant Professor
College of Medicine
EDD, University of Mary Harden-Baylor, 2018

Dravid, Shashank, Professor
College of Medicine
PHD, University of Georgia, 2003

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

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

Edwards, Kristy, Clinical Associate Professor
College of Medicine
MD, Texas Tech University Health Sciences Center School of Medicine, 1997

Esplin, Bryn, Instructional Associate Professor
College of Medicine
JD, University of Nevada, 2014
JD, William S. Boyd School of Law, University of Nevada Las Vegas, 2014

Fader, Robyn, Clinical Associate Professor
College of Medicine
MD, University of Texas At Houston Medical School, 1999

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

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 Associate Professor
College of Medicine
MD, University of California at San Francisco, 1997

Garant Smotherman, Michele, Clinical Assistant Professor
College of Medicine
DO, Western University of Health Sciences - College of Osteopathic Medicine, 1998

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

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

Guo, Lei, Research Assistant Professor
College of Medicine
PHD, Xiamen University, China, 2014

Handayan, Daniel, Clinical Assistant Professor
College of Medicine
MD, Autonomous University of Guadalajara, Faculty of Medicine, 2013

Harper, R, Clinical 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, Professor
College of Medicine
MD, Virginia Commonwealth University, 1997
PHD, Yale University, 1990

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

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

Huang, Yun, Associate Professor
College of Medicine
PHD, Georgia State University, 2005

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

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

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

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

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

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

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

Kondapaneni, Muralidhar, Research Assistant Professor
College of Medicine
PHD, University of Uath, 2007
Kraft, Dianne, Instructional Assistant Professor
College of Medicine
PHD, Texas A&M University, 2002

Krause-Castaneda, Julia, Clinical Assistant Professor
College of Medicine
MD, Texas Tech University HSC-SOM, 2014

Kruger, Clayton, Clinical Assistant Professor
College of Medicine
MD, Texas A&M Health Science Center College of Medicine, 2019

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

Lewis, Rodney, Clinical Assistant Professor
College of Medicine
MD, The University of Texas Southwestern Medical Center, 1984

Liberzon, Israel, University Distinguished 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

Light, Katelyn, Clinical Assistant Professor
College of Medicine
MD, Texas Tech University Health Sciences Center School of Medicine, 2020

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

Lo, Albert, Clinical Assistant Professor
College of Medicine
MD, Tulane University School of Medicine, 1990

Lucas, James, Clinical Professor
College of Medicine
MD, Texas A&M University, 1997

Lucas, Jim, Clinical Professor
College of Medicine
MD, Texas A&M University, 1997

Luo, Weijia, Research Assistant Professor
College of Medicine
PHD, Texas A&M Health Sciences, 2012

Mahnke, Amanda, Visiting Assistant Professor
College of Medicine
PHD, Tulane University, 2014

Marsh, Laura, Clinical Assistant Professor
College of Medicine
MD, Texas A&M Health Science Center College of Medicine, 2010

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

McCord, Carly, Clinical Associate 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, Professor
College of Medicine
PHD, University of Glasgow, 1994

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

McLaughlin, Darlene, Clinical Associate Professor
College of Medicine
MD, University of Texas Southwestern Medical School, 1980

Merhi, Camille, Clinical Assistant Professor
College of Medicine
MD, University of Balamand, 2016

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

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

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

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

Nguyen, Elizabeth, Clincal Assistant Professor
College of Medicine
MD, Texas A&M Health Science Center College of Medicine, 2017

Ontai, Sidney C, Clinical Associate Professor
College of Medicine
MD, University of Hawaii, 1985

Ou, Paul, Clinical Associate Professor
College of Medicine
MD, University of Texas Health Science Center, 1994

Pandita, Tej, Research Professor
College of Medicine
PHD, Panjab University, Chandigarh, India, 1980

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, Pekng University, China, 2000

Pokam, Punam, Assistant Professor
College of Medicine
MD, University of Otago, 2010

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

Powell, Reid, Research Assistant Professor
College of Medicine
PHD, Texas A&M Health Science Center, 2018

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

Rasmussen, Neal, Research Assistant Professor
College of Medicine
PHD, University of North Carolina at Chapel Hill, 2013

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 Associate Professor
College of Medicine
MD, University of Texas Medical Branch, 1990

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

Ruggero, Roque, Instructional Associate Professor
College of Medicine
MD, University of Texas Health Science Center at San Antonio, 1997
MD, University of Texas San Antonio, 1997

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

Saldivar Garza, Marianela, Instructional Assistant Professor
College of Medicine
MD, Universidad de Monterrey, 2008

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

Sari, Halil, Instructional Assistant Professor
College of Medicine
PHD, University of Florida, 2016

Schapiro, Michelle A, Associate Professor
College of Medicine
PHD, University of New England, 1998

Selli, Serene, Clinical Assistant Professor
College of Medicine
DO, University of North Texas Health Science Center, 2020

Seremetis, Laurie, Clinical Associate Professor
College of Medicine
MD, SUNY Upstate Medical University, 1989

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

Shenoy Katapadikar, Vinayak, Instructional Associate Professor
College of Medicine
PHD, University of Florida, 2009

Shetty, Ashok K, Professor
College of Medicine
PHD, All India Institute of Medical Sciences, 1990
Sheynin, Jony Evgeny, Research Assistant Professor  
College of Medicine  
PHD, Rutgers, 2014

Shireman, Paula, Professor  
College of Medicine  
MD, Indiana University Purdue University Indianapolis, 1990

Sicilio, Mark S, Clinical Associate Professor  
College of Medicine  
MD, Texas A&M University, 1981

Silva, Patrick, Instructional Assistant Professor  
College of Medicine  
PHD, Colorado State University, 2000

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

Siwko, Stefan, Instructional Assistant Professor  
College of Medicine  
PHD, Stanford University, 2005

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

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

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

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

Song, Xiaotong, Research Associate Professor  
College of Medicine  
PHD, Nanjing Medical University, Nanjing, China, 2002

Sophak, Kelly, Clinical Assistant Professor  
College of Medicine  
PHD, University of Houston, 2013

Srinivasan, Rahul, Associate 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 Professor  
College of Medicine  
MD, Baylor College of Medicine, 1980

Tadeppalli, Krupa Sailaja, Instructional Associate Professor  
College of Medicine  
MD, Andhra Medical College, 2005  
PHD, Osmania Medical College, 2012

Tafet, Gustavo, Clinical Associate Professor  
College of Medicine  
MD, University of Buenos Aires, Argentina, 1989  
PHD, Universidad de Buenos Aires, 2009

Tejada Oller, Jennifer, Clinical Assistant Professor  
College of Medicine  
MD, San Juan Bautista School of Medicine, 2015

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

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

Uddin, M. Nasir, Research Associate Professor  
College of Medicine  
PHD, Gifu University, 2000

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

VanBuren, Vincent, Instructional Associate Professor  
College of Medicine  
PHD, Lehigh University, 2002

Vaughan, David, Clinical Assistant Professor  
College of Medicine  
MD, The University of Texas School of Medicine at San Antonio, 1990

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

Viana, Andres, Professor  
College of Medicine  
PHD, Pennsylvania State University, 2011
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, Jun, Associate Professor  
College of Medicine  
PHD, Shanghai Institutes for Biological Sciences, 1999

Wang, Miranda, Clinical Assistant Professor  
College of Medicine  
MD, Baylor College of Medicine, 2017

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

Watson, Robert O, Associate 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

Whitelaw, Christine, Clinical Assistant Professor  
College of Medicine  
MD, St. George's University School of Medicine, 1989

Williamson, Brandon T, Clinical Associate Professor  
College of Medicine  
MD, Texas A&M University, 2013

Williamson, Meredith L, Clinical Associate 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 Associate 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

Young, Keith A, Research Professor  
College of Medicine  
PHD, University of Texas, 1990

Zawieja, David, Regents Professor  
College of Medicine  
PHD, The Medical College of Wisconsin, 1986

Zhang, Dekai, Associate Professor  
College of Medicine  
PHD, Kansas State University, 2008

Zhang, Ke, Associate Professor  
College of Medicine  
PHD, University of Hong Kong, 1995

Zhou, Yubin, Professor  
College of Medicine  
PHD, Georgia State University, 2008

Interdepartmental Programs

Masters

• 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/)

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 Philosophy in Medical Sciences  
(http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/medicine/interdepartmental/medical-sciences-phd/)

Certificates

• Education for Health Care Professionals Certificate  
(http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/medicine/interdepartmental/education-healthcare-professionals-certificate/)

• Medical Sciences Certificate  
(http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/medicine/interdepartmental/medical-sciences-certificate/)

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/)