

SCHOOL OF MEDICINE

The Texas A&M University School of Medicine offers professional and graduate degree programs. The school'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 school'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 School 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 School 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 School 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/about/leadership/>)

Dean - Amy Waer, MD

Faculty

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

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

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

Andrews-Polymeris, Helene, Professor
School of Medicine
DVM, Texas A&M University, 2001
PHD, Tufts University, 1999

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

Arora, Srishtee, Instructional Assistant Professor
School of Medicine
PHD, Texas A&M University, 2017

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

Bankaitis, Vytas A, University Distinguished Professor
School of Medicine
PHD, University of North Carolina, 1984

Baxter, Douglas, Instructional Professor
School of Medicine
PHD, University of Texas, 1981

Bayless, Kayla J, Associate Professor
School of Medicine
PHD, Texas A&M University, 1999

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

Blalock, Katherine E, Clinical Associate Professor
School of Medicine
MD, Texas A&M University, 2011

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Chung, Jim, Clinical Assistant Professor
School of Medicine
MD, Texas A&M Health Science Center, 2015

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

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

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

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

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

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

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

Dewsnap, Michael A, Instructional Assistant Professor
School of Medicine
PHD, Colorado State University, 2019

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

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

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

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

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

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

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

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

Garant Smotherman, Michele, Clinical Assistant Professor
School of Medicine
DO, Western University of Health Sciences - College of Osteopathic
Medicine, 1988

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

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

Gomez, Jorge, Research Assistant Professor
School of Medicine
PHD, University of Arizona, 1990

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

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

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

Han, Leng, Associate Professor
School of Medicine
PHD, Kunming Institute of Zoology, CAS, 2010

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

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

Hettema, John, Professor
School of Medicine
MD, Virginia Commonwealth University, 1997

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

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

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

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

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

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

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

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

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

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

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

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

Kondapaneni, Muralidhar, Research Assistant Professor
School of Medicine
PHD, University of Uath, 2006

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

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

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

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

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

Liberzon, Israel, University Distinguished Professor
School of Medicine
MD, Sackler Medical School, Tel Aviv University, Tel Aviv, Israel, 1987

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

Line, Stephen, Clinical Assistant Professor
School of Medicine
DO, Western University of Health Sciences - College of Osteopathic Medicine, 2018

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

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

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

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

Ma, Guolin, Research Assistant Professor
School of Medicine
PHD, University of Science and Technology of China, 2012

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

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

McCord, Carly, Clinical Associate Professor
School of Medicine
PHD, Texas A&M University, 2013

McCord, Gary C, Clinical Professor
School of Medicine
MD, University of Texas Medical Branch, 1983

McGregor, Alistair, Associate Professor
School of Medicine
PHD, University of Glasgow, 1994

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Sachdev, Manju, Clinical Assistant Professor
School of Medicine
MD, Memorial University of Newfoundland, 1992

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

Schapiro, Michelle A, Assistant Professor
School of Medicine
PHD, University of New England, 1998

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

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

Sheynin, Jony Evgeny, Research Assistant Professor
School of Medicine
PHD, Rutgers, 2014

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

Sicilio, Mark S, Clinical Assistant Professor
School of Medicine
MD, Texas A&M University, 1981

Silva, Patrick, Instructional Assistant Professor
School of Medicine
PHD, Colorado State University, 1999

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

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

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

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

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

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

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

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

Sopchak, Kelly, Clinical Assistant Professor
School of Medicine
PHD, University of Houston, 2013

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

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

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

Stickley, Mariah, Clinical Assistant Professor
School of Medicine
PHD, Texas A&M University, 2022

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

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

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

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

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

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

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

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

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

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

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

Verhulst, Bradley, Research Assistant Proffesor
School of Medicine
PHD, Stony Brook University, 2010

Verhulst, Shaunna, Associate Professor
School of Medicine
PHD, University of California at Los Angeles, 2010

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

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

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

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

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

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

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

Watson, Robert O, Assistant Professor
School of Medicine
PHD, Yale University, 2006

Wei, Zubo, Research Assistant Professor
School of Medicine
PHD, Baylor College of Medicine, 2011

Wells, Gregg B, Associate Professor
School of Medicine
MD, The University of Chicago, 1989
PHD, The University of Chicago, 1987

West, Andrew P, Assistant Professor
School of Medicine
PHD, Yale University Graduate School of Arts and Sciences, 2011

West, Laura C, Research Assistant Professor
School of Medicine
PHD, Yale University, 2013

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

Williamson, Meredith L, Clinical Associate Professor
School of Medicine
PHD, Texas A&M University, 2014

Wilson, Van G, Professor
School of Medicine
PHD, Case Western Reserve University, 1980

Winzer-Serhan, Ursula, Associate Professor
School of Medicine
PHD, University of Bremen, Germany, 1989

Wu, Xin, Research Assistant Professor
School of Medicine
MD, Nantong Medical College, 1985

Xie, Zhigang, Research Assistant Professor
School of Medicine
PHD, University of Alabama at Birmingham, 2001

Xu, Yi, Associate Professor
School of Medicine
PHD, University of Texas Health Science Center at Houston, 1998

Yadav, Kamlesh, Instructional Assistant Professor
School of Medicine
PHD, New York University, 2011

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

Young, Robin F, Professor
School of Medicine
PHD, Vanderbilt University, 1988

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

Zhang, Dekai, Associate Professor
School of Medicine
PHD, University of Hong Kong, 1995

Zhang, Ke, Associate Professor
School of Medicine
PHD, Kansas State University, 2008

Zhou, Guo Dong, Research Assistant Professor
School of Medicine
MD, Shanghai First Medical College, 1978

Zhou, Yubin, Professor
School 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

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/>)