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**

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**

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**

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-Polymenis, 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
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 Macorís, 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
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>School</th>
<th>Degree(s)</th>
<th>Institution(s)</th>
<th>Year(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kuo, Lih</td>
<td>Regents Professor</td>
<td>School of Medicine</td>
<td>PHD, Virginia Commonwealth University, 1987</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lee, Ryang H</td>
<td>Associate Professor</td>
<td>School of Medicine</td>
<td>PHD, Pusan National University, South Korea, 2003</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leibowitz, Julian L</td>
<td>Professor</td>
<td>School of Medicine</td>
<td>MD, Albert Einstein College of Medicine, 1975</td>
<td>PHD, Albert Einstein College of Medicine, 1974</td>
<td></td>
</tr>
<tr>
<td>Liberzon, Israel</td>
<td>University Distinguished Professor</td>
<td>School of Medicine</td>
<td>MD, Sackler Medical School, Tel Aviv University, Tel Aviv, Israel, 1987</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Line, Stephen</td>
<td>Clinical Assistant Professor</td>
<td>School of Medicine</td>
<td>DO, Western University of Health Sciences - College of Osteopathic Medicine</td>
<td>2018</td>
<td></td>
</tr>
<tr>
<td>Liu, Fei</td>
<td>Associate Professor</td>
<td>School of Medicine</td>
<td>PHD, Fourth Military Medical University, China, 2002</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liu, Wenshe</td>
<td>Professor</td>
<td>School of Medicine</td>
<td>PHD, University of California at Davis, 2005</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lo, Albert</td>
<td>Clinical Assistant Professor</td>
<td>School of Medicine</td>
<td>MD, Tulane University School of Medicine, 1990</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Luo, Weijia</td>
<td>Research Assistant Professor</td>
<td>School of Medicine</td>
<td>PHD, Texas A&amp;M Health Sciences, 2012</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ma, Guolin</td>
<td>Research Assistant Professor</td>
<td>School of Medicine</td>
<td>PHD, University of Science and Technology of China, 2012</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marsh, Laura</td>
<td>Clinical Assistant Professor</td>
<td>School of Medicine</td>
<td>MD, Texas A&amp;M Health Science Center College of Medicine, 2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maxwell, Steven A</td>
<td>Associate Professor</td>
<td>School of Medicine</td>
<td>PHD, University of Texas Health Science Center at Houston, 1985</td>
<td></td>
<td></td>
</tr>
<tr>
<td>McCord, Carly</td>
<td>Clinical Associate Professor</td>
<td>School of Medicine</td>
<td>PHD, Texas A&amp;M University, 2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>McCord, Gary C</td>
<td>Clinical Professor</td>
<td>School of Medicine</td>
<td>MD, University of Texas Medical Branch, 1983</td>
<td></td>
<td></td>
</tr>
<tr>
<td>McGregor, Alistair</td>
<td>Associate Professor</td>
<td>School of Medicine</td>
<td>PHD, University of Glasgow, 1994</td>
<td></td>
<td></td>
</tr>
<tr>
<td>McKnight, Jason R</td>
<td>Clinical Associate Professor</td>
<td>School of Medicine</td>
<td>MD, University of Texas Health Science Center - Houston, 2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Milman, Robert</td>
<td>Clinical Assistant Professor</td>
<td>School of Medicine</td>
<td>MD, Texas A&amp;M University, 1986</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Miranda, Rajesh C</td>
<td>Professor</td>
<td>School of Medicine</td>
<td>PHD, University of Rochester, 1989</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mitchell, Brett</td>
<td>Professor</td>
<td>School of Medicine</td>
<td>PHD, Georgia Health Sciences University, 2003</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Miyamoto, Tetsuya</td>
<td>Research Assistant Professor</td>
<td>School of Medicine</td>
<td>PHD, Nagoya University, 2004</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moczdygembala, Margarita</td>
<td>Research Associate Professor</td>
<td>School of Medicine</td>
<td>PHD, State University of New York at Stony Brook, 1997</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Montgomery, Karienn</td>
<td>Research Assistant Professor</td>
<td>School of Medicine</td>
<td>PHD, University of Florida, 2012</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Murray, Ian</td>
<td>Instructional Associate Professor</td>
<td>School of Medicine</td>
<td>PHD, McGill University, Montreal, Canada, 1999</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Musser, Siegfried M</td>
<td>Professor</td>
<td>School of Medicine</td>
<td>PHD, California Institute of Technology, 1996</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Muthuchamy, Mariappan</td>
<td>Professor</td>
<td>School of Medicine</td>
<td>PHD, Mudarai Kamaraj University, India, 1991</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neal, Gabriel A</td>
<td>Clinical Associate Professor</td>
<td>School of Medicine</td>
<td>MD, The University of Oklahoma, 2001</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Newell Rogers, Martha</td>
<td>Research Professor</td>
<td>School of Medicine</td>
<td>PHD, University of Colorado, 1987</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nguyen, Elizabeth</td>
<td>Clinical Assistant Professor</td>
<td>School of Medicine</td>
<td>MD, Texas A&amp;M Health Science Center College of Medicine, 2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ontai, Sidney C</td>
<td>Clinical Associate Professor</td>
<td>School of Medicine</td>
<td>MD, University of Hawaii, 1985</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pandita, Tej</td>
<td>Research Professor</td>
<td>School of Medicine</td>
<td>PHD, Panjab University, Chandigarh, India, 1980</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paolini, Michael</td>
<td>Instructional Assistant Professor</td>
<td>School of Medicine</td>
<td>MD, Baylor College of Medicine, 2014</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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, Peking 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 Professor
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, Zhubo, 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/)

**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/)