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/](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/](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/](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
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Bagher, Pooneh, Assistant Professor
College of Medicine
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Bake, Shameena, Research Assistant Professor
College of Medicine
PHD, University of Kerala, 2001

Baker, Kayla J, Associate Professor
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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
<table>
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<th>Name</th>
<th>Title</th>
<th>College of Medicine</th>
<th>Degree Details</th>
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<tr>
<td>Blalock, Katherine E</td>
<td>Clinical Assistant Professor</td>
<td>College of Medicine</td>
<td>MD, Texas A&amp;M University, 2011</td>
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<td>Bondos, Sarah E</td>
<td>Associate Professor</td>
<td>College of Medicine</td>
<td>PhD, University of Illinois at Urbana-Champaign, 1998</td>
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<tr>
<td>Borchardt, Craig W</td>
<td>Instructional Assistant Professor</td>
<td>College of Medicine</td>
<td>PhD, Texas A&amp;M University, 1996</td>
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<td>Brandt, Paul C</td>
<td>Associate Professor</td>
<td>College of Medicine</td>
<td>PHD, University of Kentucky, 1990</td>
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<td>Bray, Amanda E</td>
<td>Clinical Assistant Professor</td>
<td>College of Medicine</td>
<td>MD, Louisiana State University, 2012</td>
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<td>Cannaday, Rania A</td>
<td>Clinical Assistant Professor</td>
<td>College of Medicine</td>
<td>MD, University of Texas Health Science Center at Houston, 2014</td>
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<td>Cannon, Carolyn L</td>
<td>Associate Professor</td>
<td>College of Medicine</td>
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<td>Carter, Misti H</td>
<td>Clinical Assistant Professor</td>
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<td>PhD, University of Texas, 2003</td>
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<td>Chakraborty, Sanjukta</td>
<td>Assistant Professor</td>
<td>College of Medicine</td>
<td>PHD, Indian Institute of Science Bangalore, 2007</td>
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<td>Champion, Katherine A</td>
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<td>Chen, Weijung</td>
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<td>College of Medicine</td>
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<td>Choi, Keslea Y</td>
<td>Research Assistant Professor</td>
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<td>Davies, Peter</td>
<td>Professor</td>
<td>College of Medicine</td>
<td>PHD, University of Miami, 1975</td>
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<td>Defigueiredo, Paul J</td>
<td>Associate Professor</td>
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<td>Derry, Paul</td>
<td>Associate Professor</td>
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<td>PHD, Rice University, 2016</td>
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<td>Dewsnap, Michael A</td>
<td>Instructional Assistant Professor</td>
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<td>PHD, Colorado State University, 2019</td>
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<td>Dickey, Nancy J</td>
<td>Professor</td>
<td>College of Medicine</td>
<td>MD, University of Texas Health Science Center at Houston, 1976</td>
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<td>Dubois, Dustin W</td>
<td>Research Assistant Professor</td>
<td>College of Medicine</td>
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<td>Earnest, David</td>
<td>Professor</td>
<td>College of Medicine</td>
<td>PHD, Northwestern University, Evanston, 1984</td>
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<td>Ficht, Allison R</td>
<td>Professor</td>
<td>College of Medicine</td>
<td>PHD, Vanderbilt University, 1980</td>
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<td>Florez Arango, Jose</td>
<td>Research Associate Professor</td>
<td>College of Medicine</td>
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<td>College of Medicine</td>
<td>MD, University of Illinois Rockford, 2016</td>
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<td>Frias Ferreira, Heidy</td>
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<td>College of Medicine</td>
<td>MD, Universidad Central del Este San Pedro de Macoris, Dominican Republic, 2007</td>
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<td>Clinical Assistant Professor</td>
<td>College of Medicine</td>
<td>MD, University of California at San Francisco, 1997</td>
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<td>Gashev, Anatolii</td>
<td>Associate Professor</td>
<td>College of Medicine</td>
<td>PHD, Pavlov Institute of Physiology, 1989</td>
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<td>Geoffroy, Cedric G</td>
<td>Assistant Professor</td>
<td>College of Medicine</td>
<td>PHD, University of Cambridge, 2008</td>
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<td>Gibson, Jeremy</td>
<td>Clinical Associate Professor</td>
<td>College of Medicine</td>
<td>MD, University of Texas Medical Branch at Galveston, 1998</td>
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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
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Griffith III, William, Regents Professor
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Harper, R, Clinical Assistant Professor
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Hettema, John, Clinical Assistant Professor
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Hogue Jr, Grady C, Clinical Assistant Professor
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Huang, Yun, Associate Professor
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Hurdle, Julian, Associate Professor
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Huston, David P, Professor
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Karpac, Jason S, Associate Professor
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Kent, Thomas, Professor
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Kuo, Lih, Regents Professor
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Lee, Ryang H, Associate Professor
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Leibowitz, Julian L, Professor
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Liberzon, Israel, Clinical Assistant Professor
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MD, Sackler Medical School, Tel Aviv University, Tel Aviv, Israel, 1987

Lichorad, Anna, Clinical Assistant Professor
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Liu, Fei, Associate Professor
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PHD, Fourth Military Medical University, China, 2002

Liu, Mingyao, Senior Professor
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Liu, Wenshe, Professor
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Maxwell, Steven A, Associate Professor
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McCord, Carly, Clinical Assistant Professor
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McGregor, Alistair, Associate Professor
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McKnight, Jason R, Clinical Assistant Professor
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McLaughlin Darlene, Clinical Assistant Professor
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Meininger, Cynthia, Professor
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Milman, Robert, Clinical Assistant Professor
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Miranda, Rajesh C, Professor
College of Medicine
PHD, University of Rochester, 1989

Mitchell, Brett, Professor
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Miyamoto, Tetsuya, Research Assistant Professor
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PHD, Nagoya University, 2004

Moczygemba, Margarita, Research Associate Professor
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Montgomery, Karienn, Research Assistant Professor
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Murray, Ian, Instructional Associate Professor
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PHD, McGill University, Montreal, Canada, 1999

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

Muthuchamy, Mariappan, Professor
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PHD, Mudarai Kamaraj University, India, 1991

Neal, Gabriel A, Clinical Associate Professor
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Newell Rogers, Martha, Research Professor
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Paolini, Michael, Instructional Assistant Professor
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MD, Baylor College of Medicine, 2014

Patrick, Kristin L, Assistant Professor
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Peng, Xu, Associate Professor
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MD, The Medical College of Tongji University, 2015
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Peterson, Thomas, Instructional Professor
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PHD, The University of Oklahoma, 1977

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

Pope, Robert A, Clinical Assistant Professor
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Rajendran, Praveen, Research Associate Professor
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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
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PHD, University of Washington, 1996

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

Rutkowski, Joseph, Assistant Professor
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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
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PHD, All India Institute of Medical Sciences, 1990

Sicilio, Mark S, Clinical Assistant Professor
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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
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Skare, Jon T, Professor
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PHD, Washington State University, 1992

Smith Jr, Jack W, Professor
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Smith, Laura N, Assistant Professor
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Sohrabji, Farida, Regents Professor
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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
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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
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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
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Williamson, Brandon T, Clinical Assistant Professor
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Williamson, Meredith L, Clinical Assistant Professor
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Wilson, Van G, Professor
College of Medicine
PHD, Case Western Reserve University, 1980

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

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

Xie, Zhigang, Research Assistant Professor
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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
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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
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PHD, Kansas State University, 2008

Zhang, Shenyuan, Associate Professor
College of Medicine
PHD, University of California at Irvine, 2005

Zhou, Yubin, Associate Professor
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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/)