Texas A&M University at Qatar

Texas A&M University at Qatar Joint Advisory Board

The Joint Advisory Board (JAB) of Texas A&M University at Qatar was established May 25, 2003, between Texas A&M University and Qatar Foundation for Education, Science and Community Development to provide advice regarding the management and operation of Texas A&M at Qatar the Dean and CEO and to Qatar Foundation. The JAB is primarily responsible for ongoing review and evaluation of the success of Texas A&M at Qatar.

Joint Advisory Board Members

His Excellency, Mohammed bin Saleh Al-Sada. Ph.D. — Chairman
Former Minister of Energy and Industry, State of Qatar

Carol A. Fierke, Ph.D. — Vice Chair
Provost and Executive Vice President, Texas A&M University

M. Katherine Banks, Ph.D.
Vice Chancellor for Engineering, The Texas A&M University System
Dean, College of Engineering at Texas A&M University
Director, Texas Engineering Experiment Station

W.L. (Bill) Bullock, Jr.
President, Asia Pacific & Middle East, ConocoPhillips

Olivier Dubrule, Ph.D.
Professor, Department of Earth Sciences and Engineering, Imperial College London

Pam Matthews, Ph.D.
Dean of the College of Liberal Arts, Texas A&M University

Robert Gordon Moore, Ph.D.
Professor, Chemical and Petroleum Engineering Department, University of Calgary, Canada

Alistair Routledge
President and General Manager, ExxonMobil Qatar

Marc Vermeersch, Ph.D.
Executive Director, Qatar Environment and Energy Research Institute (QEERI)

Ex-officio Members

Buthaina A. Al-Nuaimi
President of Pre-University Education, Qatar Foundation

César O. Malavé, Ph.D., P.E.
Dean, Texas A&M University at Qatar

Ioannis G. Economou, Ph.D. — Secretariat
Associate Dean
Professor of Chemical Engineering, Texas A&M University at Qatar

Texas A&M University at Qatar Administrative Officers

The leadership of Texas A&M University at Qatar is responsible for the vision of the campus. This vision is simple: to be the premier provider of engineering education in the region, a significant contributor to knowledge internationally and an essential resource to the State of Qatar.

César O. Malavé
Dean

Ioannis G. Economou
Associate Dean for Academic Affairs

Hassan S. Bazzi
Associate Dean for Research and Executive Director of Development, Engagement, and Outreach

Hazem Nounou
Assistant Dean for Academic and Student Services

Rosalie Nickles
Assistant Dean for Finance and Administrative Services

Texas A&M University at Qatar Program Chairs

Patrick Linke
Chemical Engineering Program Chair

Erchin Serpedin
Electrical Engineering Program Chair

Joseph Ura
Interim Liberal Arts Program Chair

Ibrahim Galal Hassan
Interim Mechanical Engineering Program Chair

Patrick Linke
Interim Petroleum Engineering Program Chair

Hassan S. Bazzi
Interim Science Program Chair

General Statement

Texas A&M’s branch campus in Qatar, part of the 2,500-acre multi-institutional campus known as Education City formally opened on September 7, 2003, offering undergraduate degree programs in chemical, electrical, mechanical, and petroleum engineering. Texas A&M’s engineering program is widely considered among the best in America, and the curricula offered at the Qatar campus are materially the same as those offered at the main campus located in College Station, Texas. Texas A&M University at Qatar is fully funded by the Qatar Foundation for Education, Science, and Community Development and provides a unique opportunity for the University to expand its international presence and provide educational and research opportunities for faculty and students.

Mission Statement

The mission of the Qatar campus is to develop exemplary engineers and leaders through internationally respected undergraduate and graduate degree programs. Texas A&M at Qatar generates new knowledge by conducting research and disseminating results. In all of its efforts, Texas
A&M at Qatar serves the needs of the State of Qatar and the region through broad expertise.

**Qatar Foundation and Education City**

Founded in 1995 by His Highness Sheikh Hamad bin Khalifa Al-Thani, who was then the emir and now is the father emir, the Qatar Foundation for Education, Science and Community Development's guiding principle is that a nation's most valuable natural resource is its people. The foundation's symbol is the Sidra tree, whose deep, solid roots reflect the foundation's regard for Qatari culture and whose fruits carry the seeds of hope for a better tomorrow.

Her Highness Sheikha Moza bint Nasser serves as chairperson of the Qatar Foundation and guides the nonprofit organization's programs and philosophies. Among those philosophies is a commitment to making Qatar a world-renowned center for higher learning.

To that end, the Qatar Foundation's most visionary undertaking, Education City, was founded in 1997. The 2,500-acre complex outside of Doha, Qatar, boasts state-of-the-art facilities and a forward-thinking agenda that has enticed some of the world's top universities to open branch campuses. In 2003, Texas A&M at Qatar joined Virginia Commonwealth University School for the Arts and Weill Cornell Medical College in offering undergraduate degree programs at Education City. In 2004, Carnegie Mellon University came aboard, followed by Georgetown University in 2005, Northwestern University in 2008, University College of London in 2010, and HEC Paris in 2011, and negotiations with other institutions of higher learning continue. It is also the home of Hamad bin Khalifa University. In addition, the Qatar Science and Technology Park, an extensive, state-of-the-art research complex, is providing opportunities for research partnerships between business, government and academic institutions.

The missions of Education City are clearly defined: to prepare world-class graduates capable of assuming professional leadership positions in Qatar, throughout the Gulf region, and around the world, and to make Qatar a world leader in higher education and cutting-edge research. Texas A&M at Qatar is proud to take part in achieving the goals of the Qatar Foundation, which so closely resemble its own commitments to education and community service.

**General Information** ([http://catalog.tamu.edu/undergraduate/qatar/general-information/](http://catalog.tamu.edu/undergraduate/qatar/general-information/))

**Faculty**

Abdalla, Ahmed A, Associate Professor  
Texas A&M University at Qatar  
PHD, North Carolina State University, 2001

Abdel-Wahab, Ahmed I, Professor  
Texas A&M University at Qatar  
PHD, Texas A&M University, 2003

Abu-Rub, Haithem A, Professor  
Texas A&M University at Qatar  
PHD, Gdansk University of Technology, Poland, 1995

Al-Hashimi, Mohammed, Research Associate Professor  
Texas A&M University at Qatar  
PHD, Queen Mary Westfield College, University of London, 2007

Al-Mohannadi, Dhabia, Assistant Professor  
Texas A&M University at Qatar  
PHD, Texas A&M University, 2019

Al-Mohannadi, Nasser, Professor of the Practice  
Texas A&M University at Qatar  
PHD, Colorado School of Mines, 2004

Al-Rawashdeh, Ma'moun, Assistant Professor  
Texas A&M University at Qatar  
PHD, Technical University of Eindhoven, Netherlands, 2013

Ahnoum, Hussein, Professor  
Texas A&M University at Qatar  
PHD, University of Southern California, 1989

Alnuweiri, Hussein, Professor  
Texas A&M University at Qatar  
PHD, Imperial College London, United Kingdom, 2015

Alyafei, Nayef M, Assistant Professor  
Texas A&M University at Qatar  
PHD, The University of Texas at Austin, 2008

Abou-Rabia, Hassan, Professor  
Texas A&M University at Qatar  
PHD, Texas A&M University, 1997

Balog Jr, Robert S, Associate Professor  
Texas A&M University at Qatar  
PHD, University of Illinois, 2006

Bashir, Hassan, Associate Professor  
Texas A&M University at Qatar  
PHD, Texas A&M University, 2008

Bazzi, Hassan S, Professor  
Texas A&M University at Qatar  
PHD, McGill University, 2003

Belic, Milivoj R, Professor  
Texas A&M University at Qatar  
PHD, The City University of New York, 1980

Bengali, Ashfaq A, Professor  
Texas A&M University at Qatar  
PHD, University of Minnesota, 1992

Bouhlali, Othmane, Research Professor  
Texas A&M University at Qatar  
PHD, Universite Libre de Bruxelles, Faculte des Sciences, 1999

Bounds, Brittany, Instructional Assistant Professor  
Texas A&M University at Qatar  
MA, California State University Northridge, 2009

Boutros, Joseph J, Professor  
Texas A&M University at Qatar  
PHD, Telecom Paris Tech (ENST), 1996

Brothers, Edward N, Professor  
Texas A&M University at Qatar  
PHD, Pennsylvania State University, 1997
Brothers, Nicole M, Clinical Assistant Professor
Texas A&M University at Qatar
MLS, University of Pittsburgh, 2011

Cath, Adam E, Clinical Associate Professor
Texas A&M University at Qatar
MLS, Victoria University of Wellington, 1997

Cheng, Zheng Dong, Professor
Texas A&M University at Qatar
PHD, Princeton University, 1999

Economou, Ioannis, Professor
Texas A&M University at Qatar
PHD, Johns Hopkins University, 1993

El Borgi, Sami, Professor
Texas A&M University at Qatar
PHD, Cornell University, 1993

Elbashir, Nimir O, Professor
Texas A&M University at Qatar
PHD, Auburn University, 2004

Elbashir, Nimir O, Professor
Texas A&M University at Qatar
PHD, Auburn University, 2004

Elgindi, Ali, Instructional Assistant Professor
Texas A&M University at Qatar
PHD, University of Chicago, 2011

Elsheikh, Aymen E, Instructional Assistant Professor
Texas A&M University at Qatar
PHD, Indiana University-Bloomington, 2012

Eslami, Zohreh R, Professor
Texas A&M University at Qatar
PHD, University of Illinois at Urbana-Champaign, 1992

Fadlelmula, Mohamed, Instructional Assistant Professor
Texas A&M University at Qatar
PHD, Middle East Technical University, 2012

Ghrayeb, Ali, Professor
Texas A&M University at Qatar
PHD, University of Arizona, 2000

Gray, Phillip W, Assistant Professor
Texas A&M University at Qatar
PHD, Texas A&M University, 2006

Guerillot, Dominique R, Professor
Texas A&M University at Qatar
PHD, Universite De Provence, 1982

Guo, Bing, Associate Professor
Texas A&M University at Qatar
PHD, Tsinghua University, China, 1998

Hassan, Ibrahim, Professor
Texas A&M University at Qatar
PHD, Manitoba University, 1995

Hillman, Sara K, Assistant Professor
Texas A&M University at Qatar
PHD, Michigan State University, East Lansing, MI, 2011

Hingtgen, Luke, Visiting Lecturer
Texas A&M University at Qatar
CERT, DePaul University, 2017

Hodges, Amy M, Instructional Assistant Professor
Texas A&M University at Qatar
PHD, University of Arkansas, 2012

Huang, Tingwen, Professor
Texas A&M University at Qatar
PHD, Texas A&M University, 2002

Ji, Jim X, Professor
Texas A&M University at Qatar
PHD, University of Illinois, 2003

Kakosimos, Konstantinos E, Associate Professor
Texas A&M University at Qatar
PHD, Aristotle University, 2009

Karkoub, Mansour, Professor
Texas A&M University at Qatar
PHD, University of Minnesota, 1994

Krolikowski, Wieslaw Z, Professor
Texas A&M University at Qatar
PHD, Institute of Physics, Polish Academy of Sciences, 1988

Linke, Patrick, Professor
Texas A&M University at Qatar
PHD, University of Manchester Institute of Science and Technology, 2001

Madrahimov, Sherzod T, Assistant Professor
Texas A&M University at Qatar
PHD, University of Illinois, 2012

Malave, Ceasar, Professor
Texas A&M University at Qatar
PHD, University of South Florida, 1987

Mansoor, Bilal, Associate Professor
Texas A&M University at Qatar
PHD, University of Michigan, 2010

Masad, Eyad A, Professor
Texas A&M University at Qatar
PHD, Washington State University, 1998

Mir, Nordine, Professor
Texas A&M University at Qatar
PHD, University of Rouen, France, 1998

Nha, Hyon Cheol, Professor
Texas A&M University at Qatar
PHD, Seoul National University, 2002

Nounou, Hazem N, Professor
Texas A&M University at Qatar
PHD, Ohio State University, 2000
Nounou, Mohamed N, Professor
Texas A&M University at Qatar
PHD, Ohio State University, 2000

Qaraqq, Khalid A, Professor
Texas A&M University at Qatar
PHD, Texas A&M University, 1997

Rahman, Mohammad A, Associate Professor
Texas A&M University at Qatar
PHD, University of Alberta, 2010

Retnanto, Albertus, Professor of the Practice
Texas A&M University at Qatar
PHD, Texas A&M University, 1998

Rudd, Leeann M, Instructional Associate Professor
Texas A&M University at Qatar
PHD, Indiana State University, 2012

Ruimi, Annie, Associate Professor
Texas A&M University at Qatar
PHD, University of California at Santa Barbara, 2005

Sadr, Reza, Associate Professor
Texas A&M University at Qatar
PHD, University of Utah, 2002

Salama, Ghada H, Instructional Associate Professor
Texas A&M University at Qatar
PHD, Cairo University, 2001

Schuller, Michael J, Instructional Associate Professor
Texas A&M University at Qatar
DEN, Texas A&M University, 1985

Seers, Thomas D, Assistant Professor
Texas A&M University at Qatar
PHD, University of Manchester, 2016

Serpedin, Erchin, Professor
Texas A&M University at Qatar
PHD, University of Virginia, 1999

Soukiasian, Yeran M, Senior Lecturer
Texas A&M University at Qatar
MS, American University of Beirut, 2007

Tafreshi, Reza, Professor
Texas A&M University at Qatar
PHD, University of British Columbia, Canada, 2005

Telafici, Michael A, Instructional Associate Professor
Texas A&M University at Qatar
PHD, Norwich University, 2009

Torres, Shaun D, Clinical Assistant Professor
Texas A&M University at Qatar
MLS, George Washington University, 2012

Trabelsi, Saber, Assistant Professor
Texas A&M University at Qatar
PHD, University Paris 7 (Paris, France), 2010

Tzortzakis, Stylianos, Professor
Texas A&M University at Qatar
PHD, Ecole Polytechnique, France, 2001

Ura, Joseph, Associate Professor
Texas A&M University at Qatar
PHD, University of North Carolina Chapel Hill, 2006

Van De Logt, Martinus J, Associate Professor
Texas A&M University at Qatar
PHD, Oklahoma State University, 2002

Vechot, Luc N, Associate Professor
Texas A&M University at Qatar
PHD, Ecole Nationale Superieure des Mines de Saint Etienne, France, 2007

Ward, Sherry D, Instructional Assistant Professor
Texas A&M University at Qatar
MS, The School for International Training, 1998

Weston, Anthony, Instructional Professor
Texas A&M University at Qatar
PHD, Kent State University, 1993

Zilany, Muhammad Shamsul Arefeen, Instructional Assistant Professor
Texas A&M University at Qatar
PHD, McMaster University, 2007

**Majors**

**Chemical Engineering Program**
- Bachelor of Science in Chemical Engineering (http://catalog.tamu.edu/undergraduate/qatar/chemical-engineering-program/chemical-engineering-bs/)

**Electrical and Computer Engineering Program**
- Bachelor of Science in Electrical Engineering (http://catalog.tamu.edu/undergraduate/qatar/electrical-and-computer-engineering-program/electrical-engineering-bs/)

**Mechanical Engineering Program**
- Bachelor of Science in Mechanical Engineering (http://catalog.tamu.edu/undergraduate/qatar/mechanical-engineering-program/mechanical-engineering-bs/)

**Petroleum Engineering Program**
- Bachelor of Science in Petroleum Engineering (http://catalog.tamu.edu/undergraduate/qatar/petroleum-engineering-program/petroleum-engineering-bs/)

**Minors**
- Chemical Engineering Minor (http://catalog.tamu.edu/undergraduate/engineering/chemical/minor/)
- Chemistry Minor (http://catalog.tamu.edu/undergraduate/science/chemistry/minor/)
• Control of Mechanical Systems Minor (http://catalog.tamu.edu/undergraduate/engineering/mechanical/control-mechanical-systems-minor/)
• Design and Simulation of Mechanical Systems Minor (http://catalog.tamu.edu/undergraduate/engineering/mechanical/design-simulation-mechanical-systems-minor/)
• Electrical Engineering Minor (http://catalog.tamu.edu/undergraduate/engineering/electrical-computer/electrical-minor/)
• Geology Minor (http://catalog.tamu.edu/undergraduate/geosciences/geology-geophysics/geology-minor/)
• Mathematics Minor (http://catalog.tamu.edu/undergraduate/science/mathematics/minor/)
• Petroleum Engineering Minor (http://catalog.tamu.edu/undergraduate/engineering/petroleum/minor/)
• Physics Minor (http://catalog.tamu.edu/undergraduate/science/physics-astronomy/physics-minor/)
• Political Science Minor (http://catalog.tamu.edu/undergraduate/qatar/political-science-minor/)

Certificates

The College of Engineering has designed several certificate programs to offer ambitious students the opportunity to go beyond the traditional curriculum and gain specific knowledge in a concentration area. Students are required to consult with their academic advisor prior to submitting an application for a certificate. Enrolling and being accepted into a certificate program does not guarantee registration into required courses or that courses will be offered at Texas A&M University at Qatar. For specific information on each certificate available, visit the College of Engineering website.

Masters

Chemical Engineering Program

• Master of Science in Chemical Engineering (http://catalog.tamu.edu/graduate/qatar/engineering/chemical-engineering-ms/)
• Master of Engineering in Chemical Engineering (http://catalog.tamu.edu/graduate/qatar/engineering/chemical-engineering-meng/)

Doctoral

Chemical Engineering Program

• Doctor of Philosophy in Chemical Engineering