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, PhD — Chairman
Former Minister of Energy and Industry, State of Qatar

Mark H. Weichold, PhD — Vice Chair
Interim Provost and Executive Vice President, Texas A&M University

M. Katherine Banks, PhD
President, Texas A&M University

W.L. (Bill) Bullock, Jr.
Executive Vice President and Chief Financial Officer, ConocoPhillips

Greg Garland
Chairman and Chief Executive officer, Phillips 66

Pam Matthews, PhD
Dean of the College of Liberal Arts, Texas A&M University

Dominic Genetti
President and General Manager, ExxonMobil Qatar

Marc Vermeersch, PhD
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, PhD, PE
Dean, Texas A&M University at Qatar

Ioannis G. Economou, PhD — Secretariat
Associate Dean for Academic Affairs
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

Texas A&M University at Qatar Program Chairs

Patrick Linke
Chemical Engineering Program Chair

Erchin Serpedin
Electrical Engineering Program Chair

Joseph Ura
Liberal Arts Program Chair

Marwan Khraisheh
Mechanical Engineering Program Chair

Albertus Retnanto
Interim Petroleum Engineering Program Chair

Bernhard Lamel
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 recognized undergraduate and graduate degree programs. Texas A&M at Qatar generates new knowledge and intellectual capital through innovative research and collaborative partnerships that yield sustainable impacts. In all of its efforts, Texas A&M at Qatar serves the needs of the State of Qatar and the region through broad expertise and engagement that expands human capital.

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**

Abbas, Naqaa, Instructional Assistant Professor  
Texas A&M University at Qatar  
PHD, The University of Western Ontario, 2016

Abdalla, Ahmed A, 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

Al-Sowidi, Khalifa, Professor of the Practice  
Texas A&M University at Qatar  
BEN, Arizona State University, 1984

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

Alnuweiri, Hussein, Professor  
Texas A&M University at Qatar  
PHD, University of Texas at Austin, 2008

Alyafei, Nayef M, Associate Professor  
Texas A&M University at Qatar  
PHD, Imperial College London, United Kingdom, 2015

Amani, Mahmood, Professor  
Texas A&M University at Qatar  
PHD, Texas A&M University, 1997

Balog Jr, Robert S, 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

Bouhali, 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  
PHD, Texas A&M University, 2015

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

Carson, Robert, Assistant Professor
Texas A&M University at Qatar
PHD, Johns Hopkins University, 2015

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 at Bloomington, 2012

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

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

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

Khraisheh, Marwan, Professor
Texas A&M University at Qatar
PHD, Washington State University, 1996

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

Lamel, Bernhard, Professor
Texas A&M University at Qatar
PHD, University of California, San Diego, 2000

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

Madrahimov, Sherzod T, Associate 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

Mitchell, Austin, Visiting Assistant Professor
Texas A&M University at Qatar
PHD, Texas A&M University, 2020

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

Pirzada, Tehmina, Assistant Professor
Texas A&M University at Qatar
PHD, Purdue University, 2017
Qaraqe, Khalid A, Professor
Texas A&M University at Qatar
PHD, Texas A&M University, 1997

Queen, Mary Teresa, Instructional Assistant Professor
Texas A&M University at Qatar
PHD, SYRACUSE UNIVERSITY, 2005

RABBANI, HARRIS SAAJAD, Visiting Lecturer
Texas A&M University at Qatar
PHD, University of Manchester, 2018

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

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

Schmalstig, Anne, Instructional Assistant Professor
Texas A&M University at Qatar
PHD, University of Miami, 2020

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

Soukiassian, 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

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, Universidade Estadual de Campinas, 2010

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

Ura, Joseph, 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

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

**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/)
• 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/)

Interdisciplinary
• Entrepreneurship Minor (http://catalog.tamu.edu/undergraduate/interdisciplinary/entrepreneurship-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