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

Mark H. Weichold, PhD — Vice Chair
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M. Katherine Banks, PhD
President, Texas A&M University

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President and General Manager, ExxonMobil Qatar

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Executive Director, Qatar Environment and Energy Research Institute (QEERI)

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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

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
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/)

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-Rawashdel, 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

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

Alonso, Ricardo, Associate Professor
Texas A&M University at Qatar
PHD, The 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, Mahmoud, 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
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/)
• 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