

# TEXAS A&M UNIVERSITY AT QATAR

## 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.

## 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 Dr. Mohammed bin Saleh Al-Sada, PhD – Chairman  
Former Minister of Energy and Industry, State of Qatar

N.K. Anand, PhD – Vice Chair  
Vice President for Faculty Affairs, Texas A&M University

Alan Sams, PhD  
Provost, Vice President for Academic Affairs and Chief Academic Officer,  
Texas A&M University

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Vice Chancellor for Research, Interim Vice Chancellor and Dean of  
Engineering, Texas A&M University  
Interim Director, Texas A&M Engineering Experiment Station (TEES)

Mohamed Salem Al-Marri  
Executive Vice President of Projects, Engineering and Procurement  
Services, QatarEnergy

Bill Bullock, Jr.  
Executive Vice President and Chief Financial Officer, ConocoPhillips

Dominic Genetti

President and General Manager, ExxonMobil Qatar

Mounir Hamdi, PhD  
Founding Dean, College of Science and Engineering  
Hamad Bin Khalifa University

Shannon Slocum  
President, Eastern Hemisphere, Halliburton

### Ex-officio Members

Francisco J. Marmolejo  
Higher Education President and Education Advisor, Qatar Foundation for  
Education, Science and Community Development (QF)

César O. Malavé, PhD, PE  
Dean, Texas A&M University at Qatar

Ioannis G. Economou, PhD – Secretariat  
Executive Associate Dean, Texas A&M University at Qatar

## Texas A&M University at Qatar Senior Leadership

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, PhD, PE  
Dean

Ioannis G. Economou, PhD  
Executive Associate Dean

Hassan S. Bazzi, PhD  
Senior Associate Dean for Advancement and Industry Engagement

Violet M. Johnson, PhD  
Senior Associate Dean for Faculty Excellence and Development

Patrick Linke, PhD  
Senior Associate Dean for Research and Graduate Studies

Hazem Nounou, PhD  
Senior Associate Dean for Undergraduate Studies and Student Success

Konstantinos Kakosimos, PhD  
Associate Dean for Graduate Studies

Brady Creel, PhD  
Assistant Dean for Strategic Communication and Chief of Staff

Ryan McLawhon, PhD  
Assistant Dean for Academic Services and Student Affairs

Rosalie Nickles  
Assistant Dean for Finance, Compliance and Administrative Procedure

Alia Fakhr  
Director of Administrative Operations

## Texas A&M University at Qatar Academic Leaders

Ahmed Abdel-Wahab, PhD

Interim Program Chair, Chemical Engineering

Erchin Serpedin, PhD  
Program Chair, Electrical Engineering

Bernard Lamel, PhD  
Director, Division of Arts and Sciences

Marwan Khraisheh, PhD  
Program Chair, Mechanical Engineering

Albertus Retnanto, PhD  
Program Chair, Petroleum Engineering

## 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 in 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 and HEC Paris in 2011. 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.

## Faculty

Abdalla, Ahmed A, Professor  
Chemical Engineering-Qatar Campus  
PHD, North Carolina State University, 2001

Abdel-Wahab, Ahmed I, Professor  
Chemical Engineering-Qatar Campus  
PHD, Texas A&M University, 2003

Akbulut, Mustafa, Associate Professor  
Chemical Engineering  
PHD, University of California at Santa Barbara, 2007

Al-Hashimi, Mohammed, Research Professor  
Chemical Engineering-Qatar Campus  
PHD, Queen Mary Westfield College, University of London, 2007

Al-Mohannadi, Dhabia, Engineering Assistant Professor  
Chemical Engineering-Qatar Campus  
PHD, Texas A&M University, 2019

Al-Rawashdeh, Ma'moun, Engineering Assistant Professor  
Chemical Engineering-Qatar Campus  
PHD, Technical University of Eindhoven, Netherlands, 2013

Alam, Mohammad, Lecturer  
Chemical Engineering  
PHD, University of Hong Kong, 1999

Aydogmus, Turkan, Associate Professor Of The Practice  
Chemical Engineering  
PHD, Texas A&M University, 2004

Balbuena, Perla B, Professor  
Chemical Engineering  
PHD, The University of Texas at Austin, 1996

Barteau, Mark A, Professor  
Chemical Engineering  
PHD, Stanford University, 1981

Djire, Abdoulaye, Assistant Professor  
Chemical Engineering  
PHD, University of Michigan, 2016

Economou, Ioannis, Professor  
Chemical Engineering-Qatar Campus  
PHD, Johns Hopkins University, 1993

El-Halwagi, Mahmoud M, Professor  
Chemical Engineering  
PHD, University of California at Los Angeles, 1990

Elabd, Yossef A, Professor  
Chemical Engineering  
PHD, Johns Hopkins University, 2001

Elbashir, Nimir O, Professor  
Chemical Engineering-Qatar Campus  
PHD, Auburn University, 2004

Gagnon, Zachary, Associate Professor  
Chemical Engineering  
PHD, University of Notre Dame, 2009

Green, Micah, Professor  
Chemical Engineering  
PHD, Massachusetts Institute of Technology, 2007

Hasan, M M Faruque, Associate Professor  
Chemical Engineering  
PHD, National University of Singapore, 2010

Hilaly, Ahmad K, Professor of the Practice  
Chemical Engineering  
PHD, Colorado State University, 1992

Holtzapple, Mark T, Professor  
Chemical Engineering  
PHD, University of Pennsylvania, 1981

Hu, Chelsea, Assistant Professor  
Chemical Engineering  
PHD, Cornell University, 2018

Jayaraman, Arul, Professor  
Chemical Engineering  
PHD, University of California at Irvine, 1998

Jeong, Hae-Kwon, Professor  
Chemical Engineering  
PHD, University of Minnesota, 2004

Kakosimos, Konstantinos E, Engineering Professor  
Chemical Engineering-Qatar Campus  
PHD, Aristotle University, 2009

Khan, Faisal, Professor  
Chemical Engineering  
PHD, Pondicherry University, 1998

Kravaris, Costas, Professor  
Chemical Engineering  
PHD, California Institute of Technology, 1984

Kwon, Joseph, Associate Professor  
Chemical Engineering  
PHD, University of California at Los Angeles, 2015

Lele, Pushkar P, Associate Professor  
Chemical Engineering  
PHD, University of Delaware, Newark, 2010

Linke, Patrick, Professor  
Chemical Engineering  
PHD, University of Manchester Institute of Science and Technology, 2001

Linke, Patrick, Professor  
Chemical Engineering-Qatar Campus  
PHD, University of Manchester Institute of Science and Technology, 2001

Lutkenhaus, Jodie L, Professor  
Chemical Engineering  
PHD, Massachusetts Institute of Technology, 2007

Malave, Ceasar, Professor  
Chemical Engineering-Qatar Campus  
PHD, University of South Florida, 1987

Mashuga, Chad V, Associate Professor of Practice  
Chemical Engineering  
PHD, Michigan Technological University, 1999

Mittal, Jeetain, Professor  
Chemical Engineering  
PHD, The University of Texas at Austin, 2007  
PHD, University of Texas at Austin, 2007

Nounou, Mohamed N, Professor  
Chemical Engineering-Qatar Campus  
PHD, Ohio State University, 2000

Pistikopoulos, Efstratios, Professor  
Chemical Engineering  
PHD, Carnegie Mellon University, 1988

Rahmani, Nazmul, Professor Of The Practice  
Chemical Engineering  
PHD, University of Alberta, 2004

Reeves, Gregory, Associate Professor  
Chemical Engineering  
PHD, Princeton University, 2008

Rodden, John, Professor of the Practice  
Chemical Engineering  
PHD, Texas A&M University, 1988

Salama, Ghada H, Instructional Professor  
Chemical Engineering-Qatar Campus  
PHD, Cairo University, 2001

Seminario, Jorge M, Professor  
Chemical Engineering  
PHD, Southern Illinois University Carbondale, 1987

Sentmanat, Martin, Professor of the Practice  
Chemical Engineering  
PHD, McGill University, 1995

Shetty, Manish, Assistant Professor  
Chemical Engineering  
PHD, Massachusetts Institute of Technology, 2017

Sun, Qing, Assistant Professor  
Chemical Engineering  
PHD, University of Delaware, 2010

Tamamis, Phanourios, Associate Professor  
Chemical Engineering  
PHD, University of Cyprus, 2010

Tseregounis, Spyros, Professor of the Practice  
Chemical Engineering  
PHD, University of California at Los Angeles, 1984

Ugaz, Victor, Professor  
Chemical Engineering  
PHD, Northwestern University, 1999

Vaddiraju, Sreeram, Associate Professor  
Chemical Engineering  
PHD, University of Louisville, 2006

Vechot, Luc N, Associate Professor  
Chemical Engineering-Qatar Campus  
PHD, Ecole Nationale Supérieure des Mines de Saint Etienne, France, 2007

Wang, Qingsheng, Associate Professor  
Chemical Engineering  
PHD, Texas A&M University, 2010

Wilhite, Benjamin A, Associate Professor  
Chemical Engineering  
PHD, University of Notre Dame, 2003

Woodard, Susan, Senior Lecturer  
Chemical Engineering  
PHD, Colorado State University, 1992

Wu, Hung-Jen, Associate Professor  
Chemical Engineering  
PHD, Texas A&M University, 2006

Xie, Shuyi, Assistant Professor  
Chemical Engineering  
PHD, University Of Minnesota-Twin Cities, 2020

Zhu, Xuejun, Assistant Professor  
Chemical Engineering  
PHD, University of California, Berkeley, 2017

## Programs

### Masters

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

### Doctoral

- Doctor of Philosophy in Chemical Engineering