ARTIE MCFERRIN
DEPARTMENT OF CHEMICAL ENGINEERING

http://engineering.tamu.edu/chemical

Head: V. Ugaz

Graduate Advisor: M. Green

The Department of Chemical Engineering offers three graduate degrees: Doctor of Philosophy (PhD), Master of Science (MS), and Master of Engineering (MEng). The PhD and MS degree programs include a significant research component in addition to graduate coursework. Information about specific departmental requirements for coursework and examinations is available upon request from the graduate advisor and on our website, http://engineering.tamu.edu/chemical.

Some of the research areas available within the department include: advanced materials, applied fluid mechanics and transport phenomena, catalysis, kinetics and reaction engineering, microelectronics and plasma processing, nanotechnology, polymers, process modeling and control, process optimization, process safety and design, systems biology, thermodynamics, and molecular simulation. Modern equipment is available in numerous laboratories to perform research in these and other areas.

Faculty

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

Abdel-Wahhab, 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-Mohannadi, Dhabya, Engineering Assistant Professor
Chemical Engineering-Qatar Campus
PHD, Texas A&M University, 2019

Al-Rawashdeh, Ma'noon, 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

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, Associate 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

Kuo, Yue, Professor
Chemical Engineering
PHD, Columbia University, 1980

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

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, Assistant Professor
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

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

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

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

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

Vechot, Luc N, Associate Professor
Chemical Engineering-Qatar Campus
PHD, Ecole Nationale Superieure 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

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

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

Masters

- Master of Engineering in Chemical Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/chemical/meng/)
- Master of Science in Chemical Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/chemical/ms/)
- Master of Science in Safety Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/chemical/ms-seng/)
Doctoral

- Doctor of Philosophy in Chemical Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/chemical/phd/)

Certificates

- Engineering Therapeutics Manufacturing Certificate (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/chemical/engineering-therapeutics-manufacturing-certificate/)
- Safety Engineering Certificate (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/chemical/safety-engineering-certificate/)