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
PHD, North Carolina State University, 2001

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

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

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PHD, Queen Mary Westfield College, University of London, 2007

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

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PHD, Technical University of Eindhoven, Netherlands, 2013

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PHD, University of Hong Kong, 1999

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Chemical Engineering
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PHD, University of Pennsylvania, 1981

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

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Chemical Engineering
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Kakosimos, Konstantinos E, Engineering Professor
Chemical Engineering
PHD, Aristotle University, 2009

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Chemical Engineering
PHD, Pondicherry University, 1998

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Chemical Engineering
PHD, California Institute of Technology, 1984

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PHD, University of Delaware, Newark, 2010

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PHD, University of Manchester Institute of Science and Technology, 2001

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Chemical Engineering
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Chemical Engineering
PHD, University of South Florida, 1987

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Chemical Engineering
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Chemical Engineering
PHD, The University of Texas at Austin, 2007
PHD, University of Texas at Austin, 2007

Nounou, Mohamed N, Professor
Chemical Engineering
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
PHD, Cairo University, 2001

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

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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

Tamasis, 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
PHD, Ecole Nationale Superieure des Mines de Saint Etienne, France, 2007

Wang, Qingsheng, Associate Professor
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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
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/)
- Safety in Semiconductor Processing (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/chemical/safety-semiconductor-processing-certificate/)