

ARTIE MCFERRIN DEPARTMENT OF CHEMICAL ENGINEERING

<http://engineering.tamu.edu/chemical> (<http://engineering.tamu.edu/chemical/>)

Head: A. Jayaraman

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> (<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
PHD, North Carolina State University, 2001

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PHD, University of South Florida, 1987

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PHD, University of Delaware, 2010

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PHD, University of Cyprus, 2010

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PHD, University of California at Los Angeles, 1984

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PHD, University of Louisville, 2006

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PHD, Ecole Nationale Supérieure des Mines de Saint Etienne, France, 2007

Wang, Qingsheng, Associate Professor
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Wu, Hung-Jen, Associate Professor
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Zhu, Xuejun, Assistant Professor
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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/>)