Ph.D. in Engineering & Master of Science

Chemical Engineering

Multidisciplinary Research · Collaboration with Industry · Project Management Experience · Teaching Experience · Thesis and Course-Only (MS) Options · Part-time (MS) or Full-time · Teaching & Research Assistantships Available

The Chemical Engineering Department at Rowan University offers a multidisciplinary research and teaching environment designed to support students in achieving their full potential. State-of-the-art laboratories and classrooms, and an emphasis on fundamental research, industrially-relevant research, and project management are all hallmarks of Rowan Chemical Engineering. The Department has access to Rowan's two medical schools, two county colleges, and the South Jersey Technology Park. In addition, Rowan has recently achieved New Jersey state research university designation. Rowan Chemical Engineering offers students an excellent education with numerous opportunities in emerging technologies.

Located in southern New Jersey, Rowan University is nestled between rural and major metropolitan areas. Philadelphia, Baltimore, Washington, D.C., New York City, beaches, bays, mountains, orchards, and farms are all only a short drive away. Rowan University is situated in an optimal location for professional development as well as cultural and recreational enrichments.

Faculty

Kevin D. Dahm · *Massachusetts Institute of Technology*

Zenaida Otero Gephardt · *University of Delaware*

Martin F. Haase · *Max Planck Institute of Colloids & Interfaces*

Robert P. Hesketh · *University of Delaware*

Thomas Meadowcroft · *Massachusetts Institute of Technology*

Iman Noshadi · *University of Connecticut*

Mariano J. Savelski, Dept. Head · *University of Oklahoma*

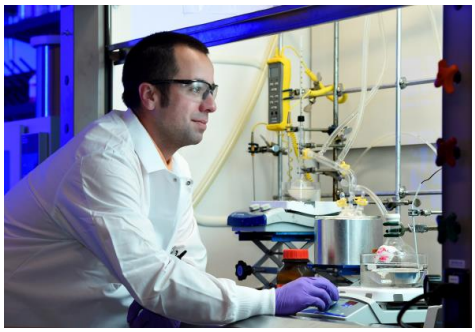
C. Stewart Slater · *Rutgers University*

Joseph F. Stanzione, III · *University of Delaware*

Gary L. Thompson, III · *Clemson University*

Andrea Jennifer Vernengo · *Drexel University*

Kirti Yenkie · *University of Illinois at Chicago*



Research Areas

Additive Manufacturing · Bio-based Polymers and Composites · Biochemical Engineering · Bioelectrics · Biomaterials · Catalysis · Controlled Release · Experimental Design and Data Analysis · Functionalized Nanomaterials · Green Engineering · Kinetic and Mechanistic Modeling of Complex Reaction Systems · Lean Manufacturing · Mechanobiology · Membrane Separations · Micro and Nanofabrication · Pharmaceutical and Food Processing Technology · Particle Technology · Process Design and Optimization · Reaction Engineering · Renewable Fuels · Social Life Cycle Analyses · Stimuli-Responsive Polymers · Stochastic Processes · Sustainable Design · Uncertainty Characterization · Undergraduate Engineering Education

For additional information

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