

Since the university's founding in 1870 in Rolla, Missouri, Missouri S&T has prepared students to pursue and solve the world's challenges. Located in the recently built Bertelsmeyer Hall, our graduate program provides state-of-the-art facilities for students to conduct innovative, original research to expand the knowledge base of chemical and biochemical engineering and to develop technology to serve societal needs.

We offer PhD and thesis or non-thesis MS degrees in Chemical Engineering, plus graduate certificates in Safety Engineering and Process Intensification. All our PhD students are supported by scholarships or graduate assistantships. Distance option is available for non-thesis MS and graduate certificate students.



Muthanna Al-Dahhan

Multiphase Reaction Engineering, Energy and Environmental Processors, Advanced Measurement and Computational Techniques

Daniel Forciniti

Bioseparations, Thermodynamics, Statistical Mechanics

Xinhua Liang

Surface Science, Nanostructured Films and Devices, Catalysis and Reaction Engineering, Energy and Environmental Applications

Douglas Ludlow

Surface Characterization of Adsorbents and Catalysis, Application of Fractal Geometry to Surface Morphology

Christi Patton Luks

Engineering Education, Pedagogy, Sustainable Engineering

Parthasakha Neogi

Interfacial and Transport Phenomena

Monday Okoronkwo

Advanced Polymer and Functional Materials for Sustainable Infrastructural Applications

Fateme Rezaei

Absorption, Energy Efficient Separation Processes, Process Design, Modeling and Optimization, PSA/TSA, Hybrid Materials and Processes for Separation and Reaction

Ali Rownaghi

Sustainable Energy, Catalysis Separations

Joseph D. Smith

Multiphase Reacting Flows, Catalysis, Dynamic Simulation, Coal/Biomass Gasification

Jee-Ching Wang

Molecular Modeling, Polymeric Porous Media, Nanofluids and Nanotribology

Hu Yang

Biomaterials, Nanomedicine, Gene and Drug Delivery, Pharmaceutical Engineering

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