



FACULTY

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CONTACT US

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RESEARCH AREAS

Biomedical Engineering: rehabilitation engineering, image processing, biomechanics, biomaterials, cancer immunology, biosensors, bionanotechnology, biomimetics, drug delivery, cell signaling, medical diagnostics, micro-fabrication, electrophysiological cell characterization

Catalysis and Reaction Engineering: shale gas utilization, catalysis in refining processes, coal and biomass conversion, systems biology and kinetics, catalysts for hydrogenation chemistry

Materials and Transport: magnetic materials, carbon dioxide capture and storage, enhanced oil and gas recovery, polymer processing, polymer and food rheology, polymer composites, health effects of nanomaterials, fuel cells, chemical looping, natural gas upgrading, hydrocarbon separation, wastewater treatment, desalination, micropollutant removal

Process Systems Engineering: dynamic modeling, real-time optimization, process control, process design and intensification, state estimation, modular energy systems, sustainability

FINANCIAL AID

Fellowships | Research Assistantships | Teaching Assistantships



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