

# Graduate Education in Chemical and Biomolecular Engineering

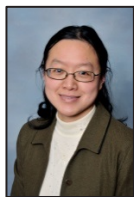
Teaching and research assistantships as well as industrially sponsored fellowships available. In addition to stipends, tuition and most fees are waived. PhD students may get some incentive scholarships.



D.M. BASTIDAS



E.A. EVANS



L. LIU



D.P. VISCO



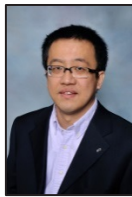
G.G. CHASE



R. GUPTA



C. MONTY



J. ZHENG



H.M. CHEUNG,  
Chair



L.-K. JU,



B.Z. NEWBY



Q. ZHOU



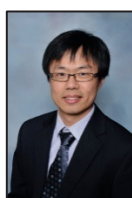
H. CONG



N.D. LEIPZIG



Z. PENG



J. ZHU



J.R. ELLIOTT  
Emeritus



R.S. LILLARD



J.E. PUSKAS

- **Bastidas:** Corrosion Prevention & Inhibition in Concrete and Infrastructure, Stainless Steel Corrosion, Materials Performance in Service
- **Chase:** Multiphase Processes, Nanofibers, Filtration, Coalescence
- **Cheung:** Polymerization in Nanostructured Fluids, Supercritical Fluid Processing
- **Cong:** Localized Corrosion, Environmentally Assisted Cracking, Corrosion Inhibition.
- **Elliott:** Molecular Simulation, Phase Behavior, Physical Properties, Supercritical Fluids
- **Evans:** Material Processing and CVD Modeling, Plasma Enhanced Deposition and Crystal Growth Modeling
- **Gupta:** Corrosion, Microstructure/Processing/Property Relationships, Nanostructured Materials
- **Ju:** Renewable Bioenergy, Environmental Bioengineering
- **Leipzig:** Regenerative Medicine, Tissue Engineering, Biomaterials, Stem Cells
- **Lillard:** Localized Corrosion, Passivity and Oxide Films, Pipeline Corrosion, AC Induced Corrosion Galvanic Interactions, Corrosion in Nuclear Sys.
- **Liu:** Biointerfaces, Biomaterials, Antifouling Polymers, Biosensors, Tissue Engineering
- **Monty:** Reaction Engineering, Biomimicry, Microsensors
- **Newby:** Surface Modification, Biomaterials, Antifouling/Biofilm/Biocorrosion
- **Peng:** Materials, Catalysis and Reaction Engineering
- **Puskas:** Biomaterials, Green Polymer Chemistry and Engineering, Biomimetic Processes
- **Visco:** Thermodynamics, Computer-aided Molecular Design
- **Zheng:** Computational Biophysics, Biomolecular Interfaces, Biomaterials
- **Zhou:** Corrosion Protection by Coating Development and Simulation
- **Zhu:** Advanced Energy and Nanomaterials Environmental Remediation

Chairman, Graduate Committee

Department of Chemical and Biomolecular Engineering  
The University of Akron - Akron, Ohio 44325-3906

Phone (330) 972-7250

www.chemical.uakron.edu