Alison R. Fout
Synthesis and characterization of transition metal complexes and their use as catalysts for biological, environmental and energy concerns
chemistry.illinois.edu/fout

Andrew A. Gewirth
Structure and reactivity of surfaces, materials, and interfaces relevant to catalysis, electrodes, and biology
chemistry.illinois.edu/agewirth

Gregory S. Girolami
Synthesis of transition metal and f-metal complexes and their use in catalysis; as precursors for the chemical vapor deposition of micro- and nanoelectronic devices; in energy applications; and for the reprocessing of nuclear fuel
chemistry.illinois.edu/ggirolam

Damien S. Guironnet
Development and implementation of organometallic complexes as polymerization and/or depolymerization catalysts
chemistry.illinois.edu/guironne

Hee-Sun Han
Design and develop new precursors for high-quality inorganic nanoparticle synthesis; use of inorganic nanoparticles for single molecule imaging and cellular imaging; assembly of nanoparticles
chemistry.illinois.edu/hshan
Liviu M. Mirica
Synthetic and mechanistic inorganic and organometallic chemistry applied to energy catalysis and oxidative organic transformations; study of the role of transition metal ions in neurodegenerative diseases
chemistry.illinois.edu/mirica

Catherine J. Murphy
Synthesis of inorganic nanoparticles of controlled shape and size; use of inorganic nanoparticles for optical sensing and imaging with biological and environmental applications
chemistry.illinois.edu/murphycj

Lisa Olshansky
Design, synthesis, and examination of switchable metal complexes for bioinspired solutions in solar energy conversion and multi-electron, multi-proton catalysis
chemistry.illinois.edu/lolshans

Josh Vura-Weis
Femtosecond X-ray spectroscopy of catalytic reaction intermediates
chemistry.illinois.edu/vuraweis