Research:
• Photoelectrocatalysis for Solar Fuel Production
• Nanomaterials for Electrochemical Water Splitting
• Electrocatalysts for Renewable CO₂ Reduction
• “Green” Electrocatalysis
• Nanoscale Electrochemical Reactivity Imaging

Collaborating Faculty:
Chemistry: Prof. Shenqiang Ren
Chemical & Petroleum Engineering: Prof. Bala Subramaniam, Prof. R.V. Chaudhari, Prof. Aaron Scruto, Prof. Franklin (Feng) Tao & Prof. Juan Bravo-Suarez

Equipment
• Scanning Electrochemical Microscope (SECM):
  • Nanoscale electrochemical reactivity imaging
• Solar Simulator:
  • Photoelectrocatalysis testing
• 3D Catalysis Printer:
  • Catalysis rapid screening
• Multicore Simulation Workstation

Director:
Kevin C. Leonard, Ph.D.
(Wisconsin, 2011)
Assistant Professor,
Chemical & Petroleum Engineering
kcleonard@ku.edu

Courses:
Graduate Kinetics & Reactor Design
Undergraduate Kinetics & Reactor Design

Go to cpe.engr.ku.edu to learn more.