University of Idaho
College of Engineering

Chemical & Materials Engineering
M.S. and Ph.D. programs

The department has a highly active research program covering a wide range of interests

Faculty and Research Areas:

Wudneh Admassu—Transport Phenomena, Gas Separations, Biochemical/Environmental

Eric Aston—Surface Science, Thermodynamics, Scanning Probe Microscopy

Matthew Bernard—Surface Science at the Nanoscale for Biomedical & Energy Applications

Indrajit Chaudhury—Nuclear/Fossil Energy, High-Temp Mechanical Behavior, Nanomaterials, Processing, Joining

Samrat Choudhury—Phase-field Simulations, Ferroelectrics, ab initio-based Multiscale Modeling, Complex Structure-chemistry Interfaces

David Drown—Process Design, Economics and Optimization Emphasis on Food Processing

Dean Edwards—Application of Computer Modeling and Material Development to Battery Research

Gautam Kumar—Stochastic Model Predictive Control, Computational Neuroscience, Psychiatry & Pharmacology

James Moberly—Microbial Fuel Cells, Bioenergy, Bioremediation, Metal/Microbe Interactions, Environmental Biotechnology

Batric Pesic—High and Low Temperature Metal Separation Methods

Krishnan Raja—Energy Conversion & Storage, Nuclear, Nanomaterials, Aqueous and Non-aqueous Electrochemistry, Degradation

Mark Roll—Polymers, Composites, Solid Electrolytes and Thin Film Materials

Soumya K. Srivastava—Microfluidics, Bio-separations, Medical Diagnostics, Electrokinesis, Educational Research


For more information, contact our department Graduate Advisor Email: che@uidaho.edu, Phone 208-885-7572, http://www.uidaho.edu/engr/cme/

The northern Idaho region offers a year round complement of outdoor activities including hiking, whitewater rafting, skiing and camping!