

University of Nebraska-Lincoln

Department of Chemical & Biomolecular Engineering



The Chemical and Biomolecular Engineering Department at the University of Nebraska - Lincoln offers graduate programs leading to the Doctor of Philosophy and Master of Science degrees in chemical engineering. The department offers full financial support with tuition coverage and stipends to all PhD students.

For more information:
engineering.unl.edu/chme

FACULTY

Vitaly Alexandrov
Max Planck Institute for Solid State
Research, Germany

Mona Bavarian
Drexel University

Yasar Demirel
University of Birmingham, UK

Shudipto Dishari
National University of Singapore

Hunter Flodman
University of Nebraska-Lincoln

Hossein Nouredini
University of Nebraska-Lincoln

Srivatsan Kidambi
Michigan State University

Gustavo Larsen
Yale University

Siamak Nejati
Drexel University

Wei Niu
Michigan State University

Rajib Saha
Pennsylvania State University

Ravi Saraf
University of Massachusetts

Kevin Van Cott
Virginia Polytechnic Institute & State
University

William Velander
Pennsylvania State University

Hendrik Viljoen
University of Pretoria, South Africa

RESEARCH AREAS

Process

- Sustainable process development
- Separations
- Reaction engineering
- Electrochemical processes

Materials

- Computational modeling and simulation
- Materials
 - Nanomaterials (organic and inorganic)
 - Biomaterials
 - Soft materials
- Nano technology/science
- Interfacial phenomena
- Sensors

Biomolecular Engineering

- Systems and synthetic biology
- Tissue/metabolic engineering
- Biotechnology
- Molecular medicine

Energy

- Renewable energy resources
- Energy storage/conversion

