

## DEPARTMENT HISTORY

# 2018

Department of CBE founded

The department offers a vibrant academic community for those seeking educational opportunities in chemical and biomolecular engineering. CBE faculty expertise is broad, with active research programs spanning a wide range of investigation. From the development of novel systems that produce biofuels and commodity chemicals for synthesis of materials and pharmaceuticals; to processes and systems that enable sustainable energy storage and conversion; to the development of nano- and biotechnologies for discovery and design of novel active molecules, materials and devices with applications in sustainable energy, sensing and human health. CBE faculty take great care to ensure that students get a quality educational experience, and they receive among the best teaching evaluations in the school.

## STUDENT POPULATION

# 258

Undergraduate Students (Fall 2020)

**B.S. degrees**  
• Chemical Engineering

# 65

Graduate Students (Fall 2020)

**M.S. and Ph.D. degrees**  
• Chemical Engineering

## RESEARCH & EXPENDITURES

# \$4.8M

2020-21 Research Expenditures

# 3

**Research Thrusts**

- Biomolecular Engineering and Biotechnology
- Energy and Sustainability
- Soft Matter

# 4

**World-class Center Affiliations**

- Advanced Power and Energy Program (APEP)
- Integrated Nanosystems Research Facility (INRF)
- Irvine Materials Research Institute (IMRI)
- National Fuel Cell Research Center (NFCRC)

## FACULTY & RECOGNITION

# 19

 Full-time Faculty

# 20

 Affiliated Faculty

# 1

 Presidential Early Career Award for Scientists and Engineers

# 2

 NSF CAREER Awards

# 1

 Air Force Office of Scientific Research Young Investigator Award

# 1

 Chancellor's Professor