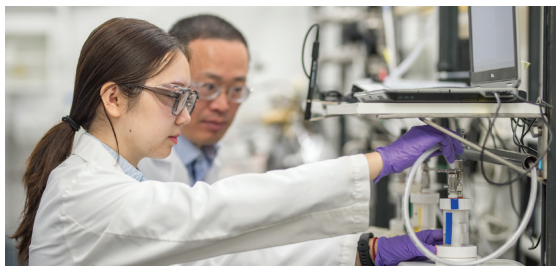
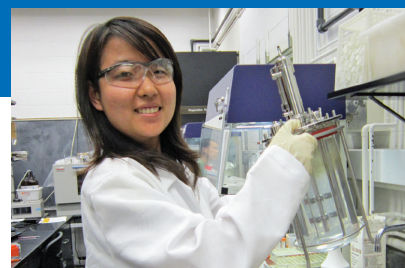


Over **\$10 Million**
 in annual research expenditures



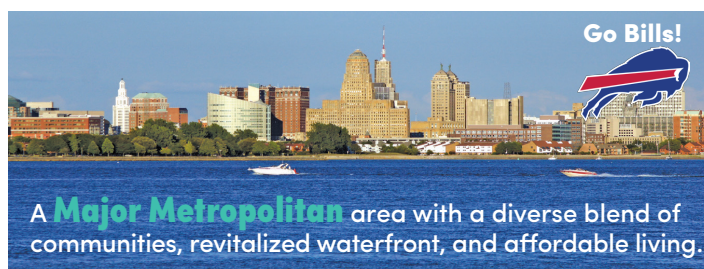
150
 graduate
 students
 in 2023



More than **180**
Publications
 per year



nearly all
 with graduate
 students as
 first authors



PROGRAMS

- 1 PhD**
Doctor of Philosophy
- 2 MS**
Master of Science
- 3 ME**
Master of Engineering

All PhD students receive
 competitive stipends.

**Learn More and
 Apply Online**

cbe.buffalo.edu/grad
 716-645-2909

Biochemical and Biomedical Engineering

- ▶ Tissue Engineering/Stem Cells/Regenerative Medicine
- ▶ Protein Engineering
- ▶ Drug Delivery/Cellular Therapy
- ▶ Biosynthesis/Genetic Vaccine Design
- ▶ Bioinformatics

Stelios Andreadis, PhD
 Rudiyanto Gunawan, PhD
 Sriram Neelamegham, PhD
 Natesh Parashurama, MD, PhD
 Sheldon Park, PhD
 Blaine Pfeifer, PhD

Energy and Materials Engineering

- ▶ Energy, Environment, and Electrochemical Engineering
- ▶ Functional Polymers
- ▶ Nanomaterials and Nanotechnologies
- ▶ Membranes and Advanced Separations
- ▶ Catalysis and Reaction Engineering

Paschalis Alexandridis, PhD
 Chong Cheng, PhD
 Amit Goyal, PhD
 Eleni Kyriakidou, PhD
 Haqing Lin, PhD
 Carl Lund, PhD
 Mark Swihart, PhD
 Thomas Thundat, PhD
 Marina Tsiannou, PhD
 Gang Wu, PhD
 Miao Yu, PhD

Computational Science and Engineering

- ▶ Quantum Chemical Modeling
- ▶ Molecular Simulation and Multiscale Modeling
- ▶ AI/Machine Learning for Chemical and Material Research
- ▶ Biological Transport and Systems Modeling

Michel Dupuis, PhD
 Jeffrey Errington, PhD
 Ashlee Ford Versypt, PhD
 Johannes Hachmann, PhD
 David Kofke, PhD
 Viviana Monje-Galvan, PhD
 Johannes Nitsche, PhD
 Kaihang Shi, PhD