DEPARTMENT OF CHEMICAL & BIOLOGICAL ENGINEERING GRADUATE PROGRAM
Why Graduate School in Chemical & Biological Engineering at the University at Buffalo?

UB stands in top ranking among the nation’s research-intensive public universities and is a member of the prestigious Association of American Universities.

The School of Engineering at Applied Sciences at UB is New York State’s largest and most comprehensive public school of engineering.

With 160 multidisciplinary centers and institutes and their affiliated partners, such as the Center for Excellence in Bioinformatics and Life Sciences, Hauptman-Woodward Medical Research Institute, Roswell Park Cancer Institute, and Center of Excellence in Materials Informatics, UB offers exceptional opportunities for collaborative research.

NRC & US News Rankings

CBE was ranked:
- 8th and 9th place for publications and awards per faculty, (National Research Council, 2010)

Faculty Awards & Special Recognitions

Our faculty includes three members of the National Academy of Engineering, a National Medal of Science awardee, seven winners of National Science Foundation Presidential Young Investigator, New Young Investigator, and CAREER awards; Fellows of AAAS, AIChE, AIMBE; several recipients of national, international, and regional research and teaching awards from the American Institute of Chemical Engineers, the American Chemical Society, the Electrochemical Society, the Alexander von Humboldt Foundation, the American Society for Engineering Education, Tau Beta Pi, and the State University of New York system, among others.
In 2009, we established a lecture series to honor the scholarship and accomplishments of our most eminent colleague, Prof. Eli Ruckenstein. Each year this event brings to our campus a distinguished scholar in Chemical Engineering, to speak about research activities in his or her laboratory, trends in the field, and larger problems in society that chemical engineers can address. In 2014, our Ruckenstein Lecturer was Professor Mark E. Davis from Caltech.

UB CBE faculty and students conduct cutting-edge research in the core areas of:
- Bioengineering
- Materials Science and Nanotechnology
- Computational Science and Engineering

CBE GRADUATE STUDENT RESEARCH SYMPOSIUM
Each fall semester UB CBE hosts our Annual Research Symposium, during which our graduate students present their work to their peers, UB alumni, and representatives from local industry. The Symposium is a showcase for the excellence our department strives for in scholarship and graduate education.

RUCKENSTEIN LECTURE SERIES
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CAREERS FOR OUR GRADUATE STUDENTS
Our students compete nationally and internationally for research and leadership positions in academia and in leading chemical, pharmaceutical, and biotechnology companies, such as Intel, Praxair, Bristol-Myers Squibb (BMS), Merck, MedImmune LLC, Shire Pharmaceuticals, and Life Technologies.

LAB FACILITIES & CENTERS
CBE researchers take advantage of a broad array of university-wide shared research instrumentation facilities, such as microfabrication and electron microscopy, genomics, animal labs, and a supercomputing research center.

GRADUATE DEGREES IN CHEMICAL ENGINEERING
- Master of Engineering (M. Eng.)
- Master of Science (M.S.)
- Doctor of Philosophy (Ph.D.)
See [www.cbe.buffalo.edu](http://www.cbe.buffalo.edu) for more information.

ADMISSIONS INFORMATION
- Undergraduate and graduate (where applicable) transcripts
- GRE scores
- Letters of recommendation (three or more)
- A personal statement highlighting past accomplishments, professional objectives, special interests, and educational plans

GRADUATE STUDENT FINANCIAL SUPPORT
Ph.D. students are supported with tuition scholarships and stipends sufficient to support living expenses. Also, our students compete successfully for various university-wide fellowships and awards.
BUFFALO & SURROUNDING AREA

Buffalo is ranked as one of America’s most affordable cities and is known as, “the city of good neighbors,” for its welcoming and sociable atmosphere. The city has so much to offer, with various cultural and sporting events, a wide variety of cuisine from all over the world, and a strong nightlife.

Buffalo also has four beautiful seasons, with something for everyone to enjoy. From winter skiing to summer swimming at the beach, Buffalo provides a wide variety of activities throughout the year. In addition, Buffalo is only about 20 minutes from Niagara Falls, renowned for its beautiful waterfalls and assortment of tourist attractions.

UB EVENTS

Each year UB’s Distinguished Speaker Series brings to campus a group of influential individuals to speak about current topics and trends. In the past, this series has brought renowned speakers such as The Dalai Lama, Sidney Poitier, Al Gore, Elie Wiesel, Toni Morrison, Katie Couric, Hillary Rodham Clinton, Sanjay Gupta, and President Barack Obama.

QUESTIONS ABOUT THE GRADUATE PROGRAMS IN CHEMICAL & BIOLOGICAL ENGINEERING AT UB?

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