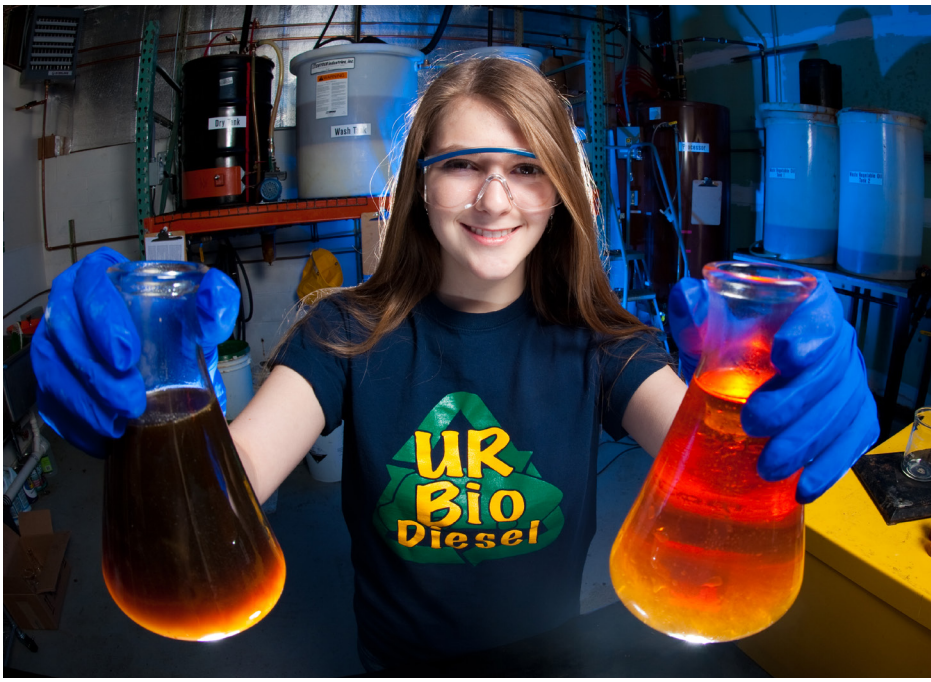
The MELIORA CHALLENGE
THE CAMPAIGN *for the* UNIVERSITY OF ROCHESTER

Chemical Engineering

Chemical engineers combine chemistry and engineering with the physical sciences, life sciences, mathematics, and economics in ways that serve industry and society. They research alternative energy solutions; create pharmaceuticals and medical devices; develop new chemicals; and contribute to the creation of food, consumer goods, and electronics.

Offering bachelor's, master's, and doctoral degrees, the collective faculty expertise in Rochester's Department of Chemical Engineering is enhanced by interdisciplinary collaboration with the Departments of Biology, Chemistry, Environmental and Earth Sciences, Physics, Biomedical Engineering, Electrical and Computer Engineering, Mechanical Engineering; the Institute of Optics; the University of Rochester Medical Center; and the renowned Laboratory for Laser Energetics.



Those engaged in chemical engineering at Rochester tackle many challenges in the areas of clean energy, biotechnology, and nanotechnology. Students graduate as innovative problem solvers ready to explore solutions for a better, safer, and more sustainable world.

Points of Pride

Accomplished Faculty

In the past few years, Professor Eldred Chimowitz published *Introduction to Critical Phenomena in Fluids* with Oxford University Press and Professor Alex Shestopalov received an $800,000 National Science Foundation Award.

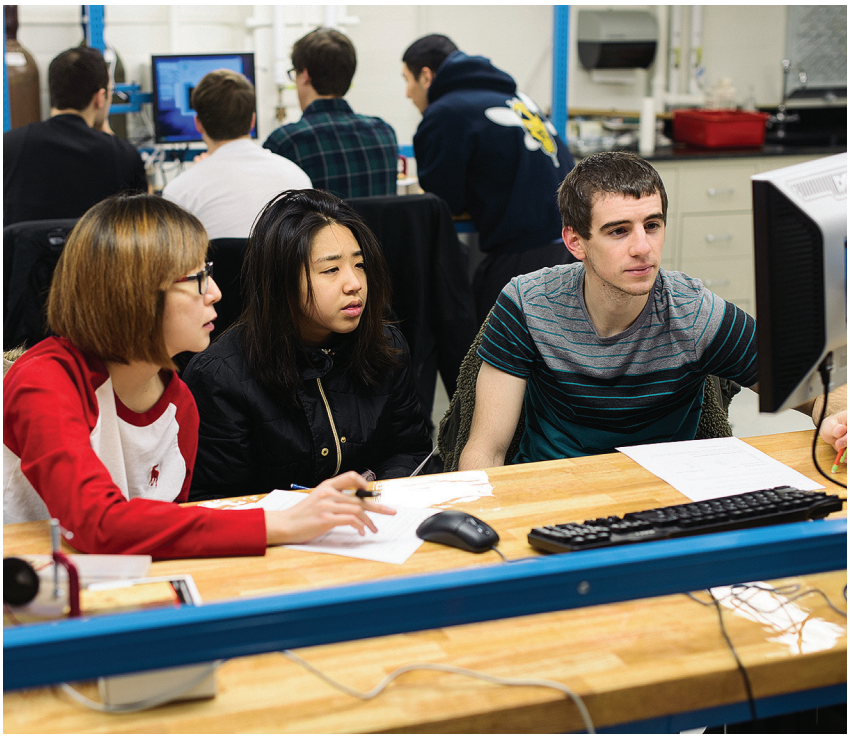
"Being a chemical engineering major has changed the way I think. I'm not just learning math equations, I'm learning how to problem solve. Knowing how to approach a problem and get to the end of it is so helpful in everything I do, regardless of whether it's in the classroom or in life."

Zamantha Lopez '13
chemical engineering major

Rankings
In a 2011 survey, the National Research Council ranked the University's chemical engineering program eighth in the country.

A New Lab
In 2012, the main undergraduate lab in Gavett Hall was renovated and is now a modern facility that offers hands-on laboratory experiences, state-of-the-art equipment, and mobile workbenches. The new facility supports the department's robust curriculum, independent study programs, and activities such as the Biodiesel Club.

Opportunity
According to a 2013 survey from the National Association of Colleges and Employers, chemical engineering is one of the best-paying majors, with an average starting salary of $66,400. Rochester students graduate with real career opportunities.



How You Can Help

Gifts to the Department of Chemical Engineering help grow a rigorous academic program inspired by topflight faculty and enriched with opportunities for hands-on learning and research. Consider any of the following funding opportunities:

Scholarships and Fellowships
Supporting students is one of the highest priorities at Rochester. Become a student mentor or guest lecturer within a class or lab. Or create a new undergraduate scholarship or contribute toward existing ones, such as the Eisenberg Summer Institute program, which provides hands-on learning opportunities during summer internships. Graduate fellowships and stipends are also needed and help attract the most-qualified students and support their research interests.

Professorships
Endowed positions are another priority. They help attract and retain faculty and staff of exceptional talent and are among the most prestigious and visible honors at the University. Investing in endowed professorships ensures that students learn from world-class faculty.

Programs
You can also provide funds for the new undergraduate lab or the new graduate solar cell, biofuels, or fuel cell labs in Gavett Hall. State-of-the-art facilities and equipment help students in their scholarly pursuits and advance knowledge and scientific discovery.

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HAJIM SCHOOL OF ENGINEERING & APPLIED SCIENCES
UNIVERSITY of ROCHESTER

For more information on giving opportunities, please contact
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