ABOUT THE HOWARD P. ISERMANN DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING

STUDENTS
313 Undergraduates
85 Doctoral

RANKED 22nd in 2013 US News & World Report Graduate Rankings

DEGREES OFFERED
Chemical Engineering
(B.S., M.S., M.Eng., Ph.D.)

DEGREES AWARDED IN 2012
73 Bachelors
8 Masters
11 Ph.D.

GRADUATE STUDENT SUPPORT (FALL 2012)
98% of doctoral students received financial assistance

RESEARCH AREAS
- Advanced Materials
- Biochemical and Biomedical Engineering
- Bionanotechnology
- Bioseparations
- Complex Fluids
- Drug Design and Delivery
- Interfacial Phenomena
- Metabolic Engineering
- Molecular modeling and Simulations
- Process Control and Design
- Synthetic Biology

AFFILIATED RESEARCH CENTERS
- Center for Biotechnology & Interdisciplinary Studies (CBIS)
- Rensselaer Nanotechnology Center
- RPI.edu/dept/nsec/

FACULTY
- Georges Belfort, NAE, Institute Professor
- B. Wayne Bequette, Professor
- Vidhya Chakrapani, Assistant Professor
- Cynthia Collins, Assistant Professor
- Steven Cramer, William W. Walker Professor of Polymer Engineering
- Jonathan Dordick, Howard P. Isermann '42 Professor of Chemical and Biological Engineering
- Shekhar Garde, Department Head
- Elaine S. and Jack S. Parker Chair in Engineering
- Ravi Kane, P. K. Lashmet Professor of Chemical and Biological Engineering
- Pankaj Karande, Assistant Professor
- Mattheos Koffas, Associate Professor and Career Development Chair in Biocatalysis and Metabolic Engineering Constellation
- Sangwoo Lee, Assistant Professor (starting in 2014)
- Joel Plawsky, Professor
- Pete Tessier, Associate Professor
- Patrick Underhill, Assistant Professor
- Fuming Zhang, Research Professor

CONTACT US
DR. SHEKHAR GARDE
DEPARTMENT HEAD
GARDES@RPI.EDU

CBE.RPI.EDU
(518) 276-6929