Department of Biomedical Engineering

SCHOOL OF ENGINEERING FACTS
► Founded in 1824, one of the oldest engineering schools in the country
► Located in Troy, NY, 150 miles north of New York City
► 546 graduate students
► 3,600 undergraduate students
► 31 degree programs (12 UG and 19 G)

RESEARCH HIGHLIGHTS
► 12 Engineering Focused Research Centers
► 2 NSF Engineering Research Centers (ERCs)

SCHOOL FACULTY
► 21 endowed chairs or professorships
► 24 National Science Foundation (NSF) Faculty Early Career Development (CAREER) Award winners (2010-2018)
► 48 Early Career Awards (e.g., NSF CAREER and other Young Investigator Awards) among current faculty

ABOUT THE DEPARTMENT OF BIOMEDICAL ENGINEERING

STUDENTS
431 Undergraduates
21 Masters
61 Ph.D.

DEGREES OFFERED
Biomedical Engineering: B.S., M.Eng., M.S., and Ph.D.
B.S. with Management Minor/Data Science Minor/PreMed Option
Undergraduate Concentrations: Biomedical, Biomechanics, Biomedical Data Science, Biomedical Imaging, and Medical Devices.

DEGREES AWARDED IN AY 2019
85 Bachelors
13 Masters
12 Ph.D.

GRADUATE STUDENT SUPPORT
(FALL 2019)
100% of doctoral students received financial support

FACULTY
* BME faculty includes 5 current NSF CAREER awardees
► Ge Wang, Clark and Crossan Endowed Professor
► Stanley Dunn, Professor
► Ryan Gilbert*, Professor
► Juergen Hahn, Professor and Department Head
► Mariah Hahn*, Professor
► Xavier Intes*, Professor
► Eric Ledet, Professor
► Deepak Vashisht, Professor
► Jonathan Newell, Professor Emeritus
► Wolf von Maltzahn, Professor Emeritus
► David Corr*, Associate Professor
► Deanna Thompson, Associate Professor
► Qun (Leo) Wan*, Associate Professor
► Elizabeth Blaber, Assistant Professor
► Pingkun Yan, Assistant Professor
► Uwe Kruger, Professor of Practice
► Randall McFarlane, Professor of Practice
► Monica Agarwal, Lecturer
► Hisham Mohamed, Lecturer
► Xun Wang, Lecturer

RESEARCH AREAS
► Biofabrication and Biomanufacturing
► Biomedical Imaging and Image Analytics
► Biomolecular Science and Engineering
► Musculoskeletal Biomechanics and Mechanobiology
► Systems Biology & Healthcare Analytics
► Tissue Engineering and Regenerative Medicine

AFFILIATED RESEARCH CENTERS
► Biomedical Imaging Center biotech.rpi.edu/centers/bic
► Center for Biotechnology & Interdisciplinary Studies biotech.rpi.edu
► Center for Computational Innovations (CCI) cci.rpi.edu
► Center for Modeling, Simulation and Imaging in Medicine cemsim.rpi.edu
► Center for Stem Cell Research stemcells.rpi.edu

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