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:
  - Biomaterials, Biomechanics, Biomedical Data Science,
    Bioimaging, and Medical Devices.

DEGREES AWARDED IN AY 2019

- 85 Bachelors
- 13 Masters
- 12 Ph.D.

GRADUATE STUDENT SUPPORT

- 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 Vashishth, 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
- Ahmad Abu-Hakmeh, Lecturer
- Monica Agarwal, Lecturer
- Hisham Mohamed, Lecturer
- Xun Mohamed, 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