


**BME.RPI.EDU**
**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 (ERC's)

**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 (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 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
- ▶ 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](http://biotech.rpi.edu/centers/bic)
- ▶ Center for Biotechnology & Interdisciplinary Studies [biotech.rpi.edu](http://biotech.rpi.edu)
- ▶ Center for Computational Innovations (CCI) [cci.rpi.edu](http://cci.rpi.edu)
- ▶ Center for Modeling, Simulation and Imaging in Medicine [cemsim.rpi.edu](http://cemsim.rpi.edu)
- ▶ Center for Stem Cell Research [stemcells.rpi.edu](http://stemcells.rpi.edu)

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