


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
- ▶ 482 graduate students
- ▶ 3,000 undergraduate students
- ▶ 30 degree programs (12 UG and 18 G)

RESEARCH HIGHLIGHTS

- ▶ 17 Engineering Focused Research Centers
- ▶ 2 NSF Engineering Research Centers (ERC's)

SCHOOL FACULTY

- ▶ 24 endowed chairs or professorships
- ▶ 18 National Science Foundation (NSF) Faculty Early Career Development (CAREER) Award winners (2010-2014)
- ▶ 45 Early Career Awards (e.g., NSF CAREER and other Young Investigator Awards) among current faculty


ABOUT THE DEPARTMENT OF BIOMEDICAL ENGINEERING
STUDENTS

- 391 Undergraduates
- 7 Masters
- 48 Ph.D.

DEGREES OFFERED

Biomedical Engineering:
B.S., M.Eng., M.S., and Ph.D.
B.S. with Management Minor/
Premed Option

Undergraduate Concentrations:
Biomechanics, Biomaterials, and
Bioimaging/Instrumentation.

DEGREES AWARDED IN AY 2014

- 96 Bachelors
- 14 Masters
- 6 Ph.D.

**GRADUATE STUDENT SUPPORT
(FALL 2014)**

100% of doctoral students
received financial support

FACULTY

* *BME faculty includes 7 current NSF CAREER awardees*

- ▶ Ge Wang, Clark and Crossan Endowed Professor
- ▶ Stanley Dunn, Professor
- ▶ Juergen Hahn, Professor and Department Head
- ▶ Wolf von Maltzahn, Professor
- ▶ Deepak Vashishth, Professor
- ▶ Jonathan Newell, Professor Emeritus and Research Engineer
- ▶ David Corr*, Associate Professor
- ▶ Ryan Gilbert*, Associate Professor
- ▶ Mariah Hahn*, Associate Professor
- ▶ Xavier Intes*, Associate Professor
- ▶ Shiva Kotha*, Associate Professor
- ▶ Eric Ledet, Associate Professor
- ▶ Deanna Thompson, Associate Professor
- ▶ James Cooper, Assistant Professor
- ▶ Guohuo Dai*, Assistant Professor
- ▶ Qun (Leo) Wan*, Assistant Professor
- ▶ Uwe Kruger, Professor of Practice
- ▶ Glenn Monastersky, Professor of Practice
- ▶ Doug Schumer, Professor of Practice
- ▶ Viviana Guiza-Arguello, Lecturer

RESEARCH AREAS

- ▶ Biomolecular Science and Engineering
- ▶ Biomedical Imaging
- ▶ Musculoskeletal Engineering
- ▶ Neural Engineering
- ▶ Systems Biology and Biocomputation
- ▶ Vascular Engineering

AFFILIATED RESEARCH CENTERS

- ▶ Biomedical Imaging Center
rpi-bic.org
- ▶ 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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