

THE COLLEGE OF ENGINEERING

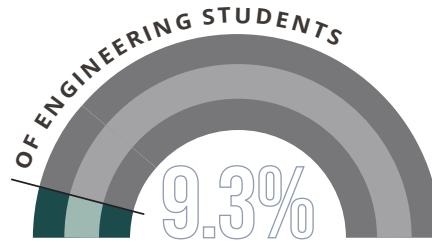
Biomedical Engineering

Carnegie Mellon University

417

STUDENTS

● B.S. (215) ● M.S. (136) ● PH.D. (66)



● BME ● ENGINEERING COLLEGE

*Includes BME minors

70%
OF B.S. STUDENTS
ARE FEMALE

48%
OF M.S. STUDENTS
ARE FEMALE

55%
OF PH.D. STUDENTS
ARE FEMALE

FACULTY

- Total 61 full-time faculty members, affiliated with four colleges
- 27 adjunct faculty members, among them many physicians, who teach courses and facilitate clinical exposure opportunities
- 18 BME faculty are Fellows of the American Institute for Medical and Biological Engineering (AIMBE)

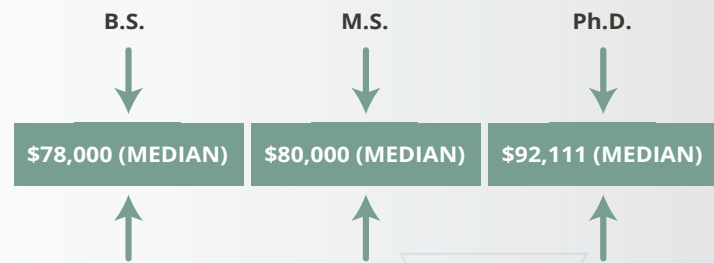
ALUMNI

2,297

DEPARTMENTAL HIGHLIGHTS

- BME has several core research strength areas: Neural Engineering, Bioengineered Organs, Biomaterials & Nanotechnology, Cell & Tissue Engineering, and Computational Biomedical Engineering
- BME is offered as a unique additional major B.S. degree in combination with any traditional engineering B.S. degree. This improves the job offers of our graduates.
- Each year, BME holds the Carnegie Mellon Forum on Biomedical Engineering. This forum brings together world thought-leaders in biomedical engineering to explore the field's frontiers and grand challenges.
- BME students collaborate with cutting edge medical faculty in Pittsburgh and at Mayo Clinic, across engineering disciplines, to receive a strong foundation in medicine and engineering.
- An impressive 50% of undergraduate students in the College of Engineering participate in at least one research experience during their undergraduate studies.
- BME leads CMU's Bioengineered Organs and Transforming Transplant initiatives and participates in its Neuroscience Institute.

2019-2022 STARTING SALARIES AFTER GRADUATION



RANKED

By U.S. News & World Report (2023)

#19

**BIOMEDICAL/
BIOENGINEERING
GRADUATE PROGRAM**

College ranked #5

#21

**BIOMEDICAL ENGINEERING
UNDERGRADUATE
PROGRAM**

College ranked #7

HOW YOU CAN MAKE A DIFFERENCE IN BME

SHOW YOUR SUPPORT AT ANY LEVEL

Undergraduate Research Fund: Your gift will support summer research experiences for undergraduate students. These hands-on experiences provide the key skills that lead to future job offers in industry and admissions into graduate and medical school.

Biomedical Engineering Fund: Your gift will go where it is needed most, to the most urgent priorities of the department. Your generosity will have a direct impact on the success of BME by supporting projects such as student programming, research activities, and state-of-the-art facilities.

CREATE A LASTING LEGACY

Name the department: \$60 million*

* RECOMMENDATION SUBJECT TO UNIVERSITY APPROVAL

Professorships: One of our most important priorities is recruiting and retaining star faculty. They educate and inspire the next generation of engineers, solve complex global problems, and define our reputation as an institution.

- Department Head: \$5 million
- Distinguished Professorship: \$3 million
- Career Development Professorship: \$1.5 million

Named fellowships and scholarships: This funding offers an important support system for our best and brightest students. Named fellowships allow these innovators to tackle real-world challenges in the lab, explore new ideas in the classroom, and even collaborate with leading professionals in industry.

- Presidential Fellowships: \$1 million
- Full Undergraduate Scholarship: \$750,000
- Graduate Fellowship (partial): \$100,000
- Undergraduate Scholarship (partial): \$50,000

Named endowed funds: \$50,000 minimum

- These funds can support an area of your choice such as research, student experience, or state-of-the-art equipment

There are many ways to make an impact in BME, including multi-year gifts, annual gifts, and departmental funds. Each gift makes a difference by supporting future generations of engineers.

Carnegie Mellon University Biomedical Engineering

Gena Henry

Associate Dean of Advancement, College of Engineering
Carnegie Mellon University

412.268.5342 | ghenry@cmu.edu

UPDATED 05/2023

College of Engineering

ADVANCED COLLABORATION®



Carnegie
Mellon
University

SAMPLING OF RECENT EMPLOYERS

- Allegheny General Hospital
- Bayer
- Boston University
- CMU
- Deloitte
- Facebook
- Foundation Medicine
- GE
- Genentech
- Google
- IBM
- Illumina
- Johns Hopkins University
- Johnson & Johnson Family of Companies
- L'Oreal USA
- Medtronic
- Memorial Sloan Kettering Cancer Center
- Merck & Co. Inc.
- Smith & Nephew
- University of Pittsburgh
- UPMC
- U.S. Food and Drug Administration
- U.S. Patent and Trademark Office
- WVU Medicine

CONNECT WITH BME



giving.cmu.edu/bme



CMUBME



CMUEngineering



cmu_bme



cmu_bme

