Wallace H. Coulter Department of Biomedical Engineering

Georgia Tech | EMORY UNIVERSITY

Coulter BME is a success story in risk-taking and innovation — a visionary partnership between a leading public engineering school and a highly respected private medical school.

#1 **graduate BME program in the nation**
U.S. News & World Report, 2026 Best Colleges

#2 **undergraduate BME program in the nation**
U.S. News & World Report, 2027 Best Colleges

OVERVIEW

Degrees Offered

- **BS** in Biomedical Engineering at Georgia Tech
- **MS** in Biomedical Engineering at Georgia Tech
- **Master's** in Biomedical Innovation & Development at Georgia Tech
- **Master's** in Biomedical Innovation & Development - Advanced Therapeutics at Emory University
- **PhD** at Emory University and Georgia Tech
- **MD/PhD** at Georgia Tech and Emory University School of Medicine

Research Focus Areas

- Biomaterials & Regenerative Technologies
- Biomedical Imaging & Instrumentation
- Biomedical Informatics and Systems Modeling
- Biomedical Robotics
- Cancer Technologies
- Cardiovascular Engineering
- Engineering Education
- Immunoengineering
- Neuroengineering
- Synthetic Biology
- Personalized Medicine For All

NSF Engineering Research Center for Cell Manufacturing Technologies (CMaT)

- $20 million National Science Foundation investment
- Eight-university consortium
- Developing advanced cell therapies for heart disease and cancer

▶ ***cellmanufacturingusa.org***

STUDENTS

1,154 undergraduate students

▶ **59%** of undergrad students are women, and **25%** are underrepresented minorities

Nearly **3/4** of BME undergraduates engage in research

374 graduate students

▶ **50%** of graduate students are women, and **27%** are underrepresented minorities

Coulter BME graduates the largest number of...

- **women BME students in the U.S.**
- **BME students from historically underrepresented minority groups in the U.S.**

FACULTY

$90M+
Annual Research Expenditures (FY25)

59+
patents issued to faculty since 2015

88 primary faculty members

▶ **25%** of tenure-track faculty are women and **10%** are URM

▶ Plus **19** professional-track faculty members

5 current and emeritus faculty are NAE Fellows

1 NAE Gordon Prize to 3 BME faculty for Pioneering Engineering Education

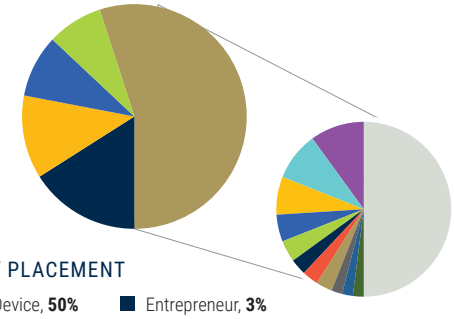
VISIT bme.gatech.edu | bme.emory.edu

FOLLOW @CoulterBME

POST-GRAD PATHS

Bachelor's Recipients

- Industry, **55%**
- Grad school, **16%**
- Med school, **12%**
- Other, **9%**
- Undecided, **8%**

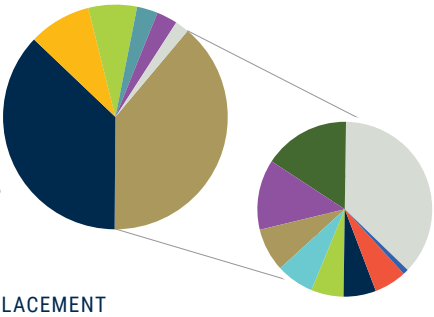


INDUSTRY PLACEMENT

- Medical Device, **50%**
- Consulting, **10%**
- Software/Hardware/ Health IT, **9%**
- Consumer Products, **7%**
- Business, **5%**
- Research, **4%**
- Entrepreneur, **3%**
- Government, **3%**
- Pharma, **3%**
- Design, **2%**
- Energy, **2%**
- Other, **2%**

Ph.D. Recipients

- Industry, **39%**
- Post doc, **37%**
- MD, **9%**
- Unknown, **7%**
- Government, **3%**
- Tenure track, **3%**
- Non-tenure research, **2%**



INDUSTRY PLACEMENT

- Medical Device, **37%**
- Other, **16%**
- Consulting, **13%**
- Pharma, **8%**
- Software/Hardware, **7%**
- Research, **6%**
- Bioinfo/Technology, **6%**
- Security/Defense, **6%**
- Scientific Writing, **1%**

COMMERCIALIZATION

biolocity™
GUIDING MEDICAL INNOVATION TO MARKET

Accelerating commercialization of early-stage medical technologies with IP held at Emory or Georgia Tech ▶ ***biolocity.org***

285 jobs created

350M+ follow-on funding

40 startups since 2015

18 licenses to industry

6 product launches

2 acquisitions

GEORGIA TECH COLLEGE OF ENGINEERING

Largest and most diverse College of Engineering of its kind in the nation

#2 ...program in nation among undergraduate programs

#1 ...in the nation in engineering degrees awarded overall to women

$268M

total Research Awards, FY26

GEORGIA INSTITUTE OF TECHNOLOGY

- 28 CoE faculty are members of the National Academy of Engineering
- All 10 undergraduate engineering programs are ranked in the Top 5 and graduate engineering programs are ranked in the Top 10 nationally by *U.S. News & World Report*
- Georgia Tech made a $6.3 billion impact on the state of Georgia in fiscal year 2025
- Georgia Tech is the top producer of engineering Ph.D.s in the country according to ASEE

LUKE O'CONNELL Director of Development
luke.oconnell@bme.gatech.edu | 404.385.0471

EMORY UNIVERSITY

- 36 members of the National Academy of Medicine
- $738.5M in research funding for School of Medicine faculty in FY24
- SOM has 532 medical students and trains 1,439 residents and fellows in 118 accredited programs.
- Emory School of Medicine welcomes new dean, accomplished surgical oncologist and researcher Dr. Sandra L. Wong.

TONJA HOLDER Director of Development, Discovery Programs
tholder@emory.edu | 404.544.9330