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, 2023 Best Colleges

#2
undergraduate
BME program in the nation
U.S. News & World Report, 2023 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
- PhD at Emory University and Georgia Tech
- PhD at Peking University, 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

### 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

<table>
<thead>
<tr>
<th>Undergraduate Students</th>
<th>Graduate Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,162</td>
<td>377</td>
</tr>
</tbody>
</table>

- 59% of undergrad students are women, and 25% are underrepresented minorities
- Nearly 3/4 of BME undergraduates engage in research
- 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

- $41M Annual Research Awards (FY22)
- 50+ patents issued to faculty since 2015
- 73 primary faculty members
  - 25% of tenure-track faculty are women and 10% are URM
  - Plus 17 professional-track faculty members
- 5 current and emeritus faculty are NAE Fellows
- 1 NAE Gordon Prize to 3 BME faculty for Pioneering Engineering Education
POST-GRAD PATHS

Bachelor’s Recipients
- Industry, 55%
- Grad school, 16%
- Med school, 12%
- Other, 9%
- Undecided, 8%

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, 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%

COMMERCIALIZATION

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

- 62 projects funded
- 16.6x ROI leverage in follow-on funding
- 22 startups since 2015
- 2 licenses to industry
- 5 product launches
- 1 acquisition

GEORGIA TECH COLLEGE OF ENGINEERING

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

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

#2...in the nation in engineering doctoral degrees awarded to Black students

#2 undergraduate engineering program in the nation, among public universities (USNWR)

GEORGIA INSTITUTE OF TECHNOLOGY

- 33 CoE faculty are members of the National Academy of Engineering
- All undergraduate engineering programs are ranked in the Top 5 and graduate engineering programs are ranked in the Top 8 nationally by U.S. News & World Report
- Georgia Tech is ranked 4th in Most Innovative Schools by U.S. News & World Report
- Georgia Tech’s CREATE-X initiative has helped students launch 350+ startup companies valued at more than $1.9B

EMORY UNIVERSITY

- 25 members of the National Academy of Medicine
- $382.7M in research funding for School of Medicine faculty in FY21 (No. 16 nationally in NIH dollars received)
- SOM has 582 medical students and trains 1,322 residents and fellows in 111 accredited programs.
- The new Health Sciences Research Building II opens in Summer 2022 with space for Coulter BME. It’s Emory’s largest research building to date.

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

SHAWN STERN Director of Development
shawn.stern@emory.edu | 202.236.2317