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.

### 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

### Students
- 1,208 undergraduate students
  - 62% of undergrad students are women, and 22% are underrepresented minorities
- Nearly 3/4 of BME undergraduates engage in research
- 355 graduate students
  - 43% of graduate students are women, and 26% are underrepresented minorities

### Faculty
- $57M Annual Research Awards (FY21)
- 50+ patents issued to faculty since 2015
- 70 primary faculty members
  - 24% of tenure-track faculty are women and 9% are URM
  - Plus 15 professional-track faculty members
- 5 current and emeritus faculty are NAE Fellows
- 1 NAE Gordon Prize to 3 BME faculty for Pioneering Engineering Education

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.

**VISIT** bme.gatech.edu | bme.emory.edu **FOLLOW** @CoulterBME
Accelerating commercialization of early-stage medical technologies with IP held at Emory or Georgia Tech

**INDUSTRY PLACEMENT**

- Medical Device, 50%
- Consulting, 10%
- Software/Hardware/Health IT, 9%
- Consumer Products, 7%
- Business, 5%
- Research, 4%

**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%

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**COMMERCIALIZATION**

**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%
- Entrepreneur, 3%
- Government, 3%
- Pharma, 3%
- Design, 2%
- Energy, 2%
- Other, 2%

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**COMMERICALIZATION**

- 58 projects funded
- 10.8x ROI leverage in follow-on funding
- 22 startups since 2015
- 2 licenses to industry
- 4 product launches

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**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 and underrepresented minority students

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

**#2**

Undergraduate engineering program in the nation, among public universities (USNWR)

**$280M**

Research expenditures, FY20

**1,377**

New research awards, FY20

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**GEORGIA INSTITUTE OF TECHNOLOGY**

- 30 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 7 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 230 startup companies valued at more than $400M

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**EMORY UNIVERSITY**

- 25 members of the National Academy of Medicine
- $565.6M in research funding for School of Medicine faculty in FY20 (No. 14 nationally in NIH dollars received)
- SOM has 565 medical students and trains 1,349 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.

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