



CONSISTENTLY RANKED as one of the top biomedical engineering programs in the nation, Duke BME combines a hands-on educational experience and an interdisciplinary research environment that prepares graduates to be leaders in integrating engineering and biology to detect and treat human diseases.

A unique aspect of the program is the integration of research and education. Over two-thirds of the undergraduates are involved in independent study research. And the graduate program offers students early immersion into research. Current departmental research activities include biomechanics of blood flow, cells, and hard and soft tissues; biomolecular and tissue engineering; electrical activity of the heart; neuroengineering; and biomedical optics, biophotonics and ultrasound imaging systems. Duke BME faculty and students collaborate with many departments across the University and the Medical Center.



**COULTER
GRANT**



**GRAD SCHOOL
APPLYING?
POINTERS**



**FACULTY
POSITIONS
AND STAFF**



**ENGINEERING
WORLD
HEALTH**

UPCOMING EVENTS...

[Engineering Alumni Council Meeting](#)

Saturday, January 9, 2010
9:00 AM-1:00 PM, Teer 115

[Spring Semester Classes Begin](#)

Wednesday, January 13, 2010
8:30 AM-8:30 AM, None

[Regular Class Meeting Schedule Begins](#)

Thursday, January 14, 2010
8:30 AM-8:30 AM, None

[View more events...](#)

IN THE NEWS...

- DECEMBER 8, 2009

[Secrets from High-Tech Poking](#)

- NOVEMBER 2, 2009

[Duke Develops Nano-Scale Drug Delivery for Chemotherapy](#)

- OCTOBER 5, 2009

[Understanding a Cell's Split Personality Aids Synthetic Circuits](#)

[All BME News](#)