The Global Medical Innovation Track at Rice University: Applications due January 15, 2016

The medical technology industry is becoming increasingly global, emphasizing the development of cost-effective health care solutions. The Department of Bioengineering at Rice University is preparing engineers for this new and challenging environment.

Last year, Rice University expanded its non-thesis Master of Bioengineering (MBE) degree program through the launch of a unique track in Global Medical Innovation (GMI). The GMI program is designed to train engineers for careers in medical technology through education in innovation, emerging-market design projects, and internships. The track builds on Rice’s top-ranked bioengineering programs, its award-winning design facilities at the Oshman Engineering Design Kitchen, a successful history of innovation in the developing world with Rice 360°: Institute for Global Health Technologies, and strong collaborations with the Texas Medical Center.

The GMI track specifically targets students who have an undergraduate degree in engineering (mechanical, electrical, chemical, or bioengineering/biomedical) or a related field, and who are interested in pursuing a career in the private, public, or non-profit sectors of medical technology.

The GMI track curriculum consists of:

- An internship, which may be completed during the summer (full time) or during the fall and spring semesters (part time). The inaugural GMI cohort of students traveled to Costa Rica for a global design internship during the summer of 2015. See our internship blog at gmi.rice.edu. Summer and Fall/Spring Internships will be considered on a case-by-case basis. Students are responsible for obtaining and selecting an internship that best aligns with their career goals;

- Two consecutive semesters of innovation education with integrated emerging-market design projects;

- One graduate-level course in MATH, CAAM, or STAT; and

- One elective graduate-level BIOE course.

The deadline to apply is January 15, 2016. A second round will be considered only if space is available.

Apply online at bioegradapps.rice.edu. Current Rice bioengineering students must contact the academic program coordinator (sre1@rice.edu or 713.348.2871) for specific instructions regarding submission of your application. Learn more at bioengineering.rice.edu/MBE.aspx, or email gmi@rice.edu.