The Global Medical Innovation Track at Rice University: 
Applications due March 4, 2016

Applications submitted by our first-round deadline are currently under review; however, due to continued interest in our program, we have decided to open a second round for interested applicants.

The medical technology industry is becoming increasingly global, and innovation processes emphasize cost-effective health care solutions and translatable clinical outcomes. Rice University is preparing engineers to work in this new and changing environment with a focus on emerging markets.

The Rice University Department of Bioengineering expanded its nonthesis master of bioengineering (MBE) degree program through the launch of a unique track in Global Medical Innovation (GMI). The GMI program is designed to educate and 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, the 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/medical) 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:

- Two consecutive semesters of innovation education with integrated emerging-market design projects (18 credits);
- 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 internship blog at gmi.rice.edu. Subsequent students may fulfill this requirement with an industry internship in the summer, or during the fall and winter semesters. This 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 (6 credits);
- One graduate-level course in MATH, CAAM, or STAT (3 credits); and
- One elective graduate-level BIOE course (3 credits).

The deadline to apply for second-round consideration is March 4, 2016.

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.