

### POWERING LEARNING AND INNOVATION

At Northeastern's College of Engineering (COE), our graduate students are collaborating across disciplines to solve some of today's most universal, complex challenges. They are refining robot dexterity, growing renewable energy capacities, honing structural resilience to natural and manmade disasters, and probing security challenges spawned by the Internet of Things.

**COE is innovating with the times, seizing every opportunity to grow and reinvent. But to outpace peer institutions, we must augment our pool of graduate students by recruiting and retaining the brightest minds who will lead discovery well into the future.**

For many graduate students, economic considerations are the deciding factor in their choice to pursue studies at COE. Philanthropic support of fellowships will provide these scholars with direct aid, and by lessening or removing financial obstacles, help deliver the freedom to focus on valuable research and investigative experiences.



"Beam formation and signal direction have always challenged electrical engineers. My job is to solve these issues within the human body, at a miniaturized scale. My fellowship gives me the freedom to do this, and to potentially make a big difference in patients' lives."

—Jennifer Rodowicz, PhD student  
Electrical and Computer Engineering  
Sami Alsaif Doctoral Fellowship

### WHY FELLOWSHIPS?

- **Fellowships are awards, not loans.** Our graduate students do not repay fellowships, which enables them to conduct their research or studies without needing to raise extra income or assume restrictive debt to support essentials such as tuition and lab materials.
- **Fellowships recruit and retain outstanding scholars.** A fellowship confers prestige on the recipient, who demonstrates both the potential and ambition to pursue cutting-edge education and research at COE.
- **Fellowships grow COE's global profile.** By recruiting top graduate students, fellowships in turn attract first-rate faculty—and together, these scholars advance the scope and impact of research conducted at COE and grow Northeastern's stature as an experiential research university.

## OPPORTUNITIES FOR SUPPORT

Establishing a fellowship is a powerful way for a donor to signal a commitment to the College of Engineering and to provide our graduate students with essential resources. Endowed funds exist in perpetuity and generate steady, spendable income each year, while current use funds make an instant, present-day impact.

- **Fully funded endowed fellowship.** Endowing a fellowship to fully finance one graduate student per year in perpetuity will subsidize costs such as tuition, lab equipment, housing, and more. This assured support empowers the fellow to focus full time on his or her investigative work—and by generating spendable income annually, the fellowship will help COE recruit and retain students when economic and political fluctuations affect other funding sources.
- **Partially funded endowed fellowship.** Establishing an endowed fellowship will partly fund one student for one year, eliminating financial hurdles that might impede an exceptional student's decision to attend Northeastern. Removing these obstacles will give COE an edge as competition for top graduate students intensifies, particularly in nascent disciplines.
- **Fully funded current use fellowship.** Financing a current use fellowship will make an immediate impact by providing one engineering graduate student with readily available monetary resources for one academic year. This enables COE to help our talented scholars meet day-to-day pressing needs ranging from tuition to living expenses, from lab equipment to materials that further their research.

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## COE AT A GLANCE

**4,100+**

of our more than 8,000 total students are graduate students

**69**

degree programs spanning the BS, BS/MS, MS, and PhD

**#37**

in *U.S. News & World Report's* rankings of best graduate engineering programs

**16**

multidisciplinary research centers and institutes with funding from eight federal agencies



“For my dissertation, I am researching biomechanics of bone fracture healing. The financial support that I have received is very much appreciated—and this recognition encourages and motivates me to keep working hard. Without my fellowship, my education at Northeastern might not be possible.”

—Mohammad Sadegh Ghiasi, PhD student  
Mechanical and Industrial Engineering  
Akira Yamamura MIME Fellowship

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**N** Northeastern  
College of Engineering