

ENTER Electrical & Computer Engineering @ Northeastern Transformational Experiences in Research

Summer 2016 Research Experiences in Boston

The ENTER program will provide competitively selected undergraduate students with engaging 8-10 week summer research experiences working in faculty and graduate students from Northeastern University's Electrical and Computer Engineering (ECE) Department. The program will comprise:

- A personalized placement in a Northeastern ECE faculty member's research group, with a clearly defined project and research deliverables
- A professional development program, including career and technical development education as well as an introduction to the rich educational opportunities in the greater Boston area
- A social/cultural program, exposing students to the offerings of Boston and New England

Why ENTER? Why ECE?

Over 65 ECE and affiliated faculty are engaged in cutting-edge research funded by a wide variety of US government agencies and over 20 industrial partners with 4 NSF- and DHS-funded research centers. ECE's research strengths include: communications and signal processing; computer engineering and networking and robotics; electromagnetics and optics; microsystems and devices; and power electronics, systems, and control. ENTER students will have the opportunity to apply to work on specific research projects.

ENTER Benefits

- Up to \$5,000 stipend
- On-campus housing
- Professional development program
- Cultural/social activities
- Career/graduate school planning
- Travel support available

Application

Participants will be selected based on the following factors:

- A personal statement including career goals and what the student hopes to gain from this experience
- A statement of research interests; technical experiences from co-ops, internships, employment, or coursework
- Academic standing/achievement as reported in an unofficial transcript
- Two letters of recommendation from faculty or work supervisors
- A Skype interview with a faculty member of ECE

Before filling out the application, you will have the opportunity to pick 2-3 research projects of interest listed on the ENTER website. Applications will be available October 30, 2015 and will be reviewed on a rolling basis until the February 15, 2016 deadline or until all spots are filled.

CONTACT

For more information please visit <http://www.ece.neu.edu/>

Email: enter@neu.edu
Phone: (617) 373-4190

Who is Eligible?

- U.S. citizens or permanent residents
- Current undergraduate students going into their junior or senior year in Fall 2016 (Exceptions may be granted based on experience)
- Open to students of Electrical & Computer Engineering, Computer Sciences, or related departments
- Students with proof of health insurance

Program Dates

Rolling applications:
October 30, 2015
Application cutoff date:
February 15, 2016
Program runs from late May to early August. (Exact dates to be announced)

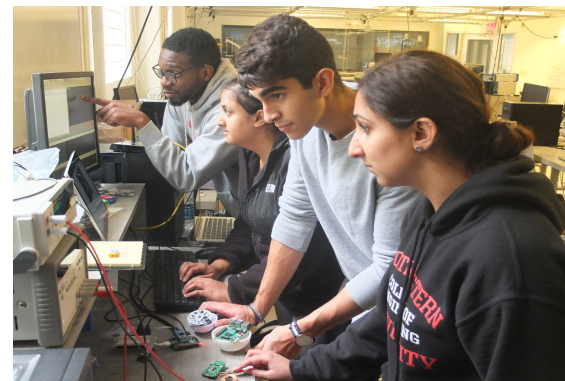


Northeastern University (NU)

Conveniently located within minutes of Downtown Boston, Fenway Park, and the Museum of Fine Arts, NU is a global, experiential, research university built on a tradition of engagement with the world, creating a distinctive approach to education and research. The university offers a comprehensive range of undergraduate and graduate programs, including the College of Engineering.

Example Research Projects

- Big Data analytics with hardware accelerators
- Designing a Smart Shoe using embedded sensors
- Underwater communications with acoustic waves
- Meta-Material modeling utilizing supercomputing
- Protecting hardware-devices from malware intrusions



Northeastern University
College of Engineering

For more information and updates, please visit: <http://www.ece.neu.edu>