

Undergraduate Research Assistantship for CS and EEN Women: Spring 2011

Overview

Researchers at Old Dominion University (ODU) and Norfolk State University (NSU) are seeking highly motivated, self-directed, and conscientious female Computer Science (CS) and Engineering (EEN) majors to work as paid, undergraduate research assistants (URA).

This undergraduate research assistantship is sponsored by the National Science Foundation, the nation's premier federal agency for sponsoring and funding scientific research, as part of its Research Experience for Undergraduates (REU) Program. This is a prestigious assistantship, widely recognized by graduate programs in CS and EEN.

**URAs will earn \$3,000
by working 10 hours per week
during the 2011 Spring semester.**



Research Focus

The ODU-NSU research team is examining professional identity development among EEN and CS students. Known as CAPSTONE, this research project is designed to explore how professional identity is developed when students engage in voluntary professional development activities like joining a student professional society, developing relationships with mentors, taking an internship, and reading books related to their major or future career in their spare time (to name a few). This project examines how capitalizing on such activities may impact students in Science, Technology, Engineering, and Mathematics (STEM) fields, as well as why students choose (or choose not) to become involved in these activities. Developing professional identity can help invest students in their chosen career fields, and ultimately contribute to increased student retention in STEM.

Qualifications

To be qualified for the position, you must:

- Be a female CS or EEN major in your Junior or Senior year of study;
- Have a GPA of 3.0 or above;
- Have good communication skills;
- Have the ability to meet deadlines and work well with others;
- Be enthusiastic about the issue of underrepresentation of women and minorities in STEM fields.



How to Apply

Interested students should submit the following materials to the person at your university listed below **by December 1st 2010**:

- (1) a resume,
- (2) transcripts (unofficial are OK), and
- (3) contact information for a faculty reference (name, phone number, & e-mail).

Submit materials to:

ODU - Valerie Morganson (vmorgans@odu.edu)

NSU - Cyntrica Eaton (cneaton@nsu.edu)