Supporting Maine Cyber Security Research

Graduate Assistant Position for Spring 2016, with potential continuation in Summer 2016 and Academic Year 2016-2017

Background: The Maine Cyber Security Cluster (MCSC) is responsible for the federal government recognizing the University of Maine System (UMS) as one of the nation's premier academic leaders in the area of cybersecurity education. The National Security Agency (NSA) and Department of Homeland Security (DHS) has designated the UMS as a National Center of Academic Excellence in Information Assurance/Cybersecurity (CAE/IAE), a designation that honors schools excelling in the development of professionals who help protect national security information systems. To combat and mitigate the risk, MCSC engages in the training of cyber security personnel; conducts assessments in lab and at sites; and provides space, resources, and expertise for Cyber Security undergraduate and graduate student research. The MCSC is providing financial support through the Maine Economic Improvement Fund (MEIF) for graduate assistantships to support the efforts to increase the number of competitive proposals to external funding sources that support applied research, curriculum development, workforce development and outreach in cybersecurity. The MCSC has a graduate research assistant position available for the spring 2016 semester, summer 2016 and the 2016-2017 Academic Year.

Examples of potential and existing projects that the student may work on are:

1. Develop and execute a strategy to increase the number of competitive proposals to external funding sources that support applied research, curriculum development, education and outreach in cybersecurity and related fields; and to continuously identify, monitor and evaluate signature and emerging research areas in cybersecurity at the University.

2. Identify funding opportunities targeted to faculty and staff strengths and interests.

3. Conduct literature search that support proposal development and assist in the development of competitive proposals.

Assistantship Details

Location: Maine Cyber Security Cluster, Research Wing, Science Building, USM Portland

Hours: 20 hours per week

Compensation: $1,000 per month and tuition waiver

Qualifications sought:

Student in a Master’s Program as the University of Southern Maine
Research and analytical skills (primarily qualitative, quantitative skills a plus)
Interest in cybersecurity, computer science, technology or workforce development or science policy
Proficient computer skills with Word, Microsoft Excel
Strong written skills and ability to communicate clearly, concisely, using data
Ability to self-motivate, work independently, and set own priorities
How to Apply:

Deadline: open until filled

Application package:
Cover letter detailing your interest and qualifications
One page Resume or CV
Writing sample (a course paper is fine, looking for quality and structure over quantity)

Send to:
Lynn Lovewell
Director of Operations
Maine Cyber Security Cluster
279B Science Building
70 Falmouth
Portland, Maine 04104
E-mail: lynn.lovewell@maine.edu
Please send as PDFs or in Word documents, as email attachment to dahlia.lynn@maine.edu

Prospective start date: February 15, 2016

USM is an EEO/AA employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, sexual orientation, age, disability, protected veteran status, or any other characteristic protected by law.