



ALERT & Gordon-CenSSIS SCHOLARS

Spring 2014 Program for

Freshmen Engineering Undergraduates



Research and Outreach Scholar Program Centers:

ALERT - Awareness and Localization of Explosives-Related Threats, a DHS Center of Excellence

Gordon-CenSSIS - The Bernard M. Gordon Center for Subsurface Sensing and Imaging Systems

Center for STEM - Center for Science, Engineering, Technology and Math Education

Scholars Program Information

The ALERT and Gordon-CenSSIS Scholars Spring Outreach and Research Program:

- ♦ 20+ Hours of Research per Semester
- ♦ 5+ Hours of K-12 Outreach per Semester
- ♦ GE 1111 High Tech Tools and Toys Lab
- ♦ Professional Development Meetings
- ♦ Social and Educational Activities
- ♦ Final Research Presentation
- ♦ \$500 NU Bookstore Voucher

Spring 2014 Program Dates: January 6—April 15

Application Due-Date: Friday, November 15th

Research and Outreach Info Session:

- Nov. 6, 11:00am - 12:00pm, 431 Stearns
- RSVP via email to Melanie Smith

Research Project Examples

- ♦ ALERT - Video Analytics for Airport Security
- ♦ ALERT - Whole Body Image Scanning
- ♦ GC - Breast Imaging
- ♦ GC - Optical Science
- ♦ GC - Parallel Computing

K-12 Outreach Project Examples

- ♦ Building Bridges
- ♦ Boston Public School Science Fair
- ♦ K-12 STEM Tutoring in Boston-area schools

Contact Information:

Melanie Smith • 617-373-2976, m.smith@neu.edu

Kristin Hicks • 617-373-5384, khicks@coe.neu.edu

NORTHEASTERN UNIVERSITY

360 Huntington Avenue, 302 Stearns

Boston, MA 02115

www.northeastern.edu/alert • www.censsis.neu.edu