VirginiaTech

2013 REU Program

Interdisciplinary: Engineering, Liberal Arts and Human Sciences, Science

"Hands-on Minds-on": Multidisciplinary Approaches to Understanding and Preventing Societal Violence

Recruiting students from national four-year colleges and universities and the Virginia Community College System.

Program Dates: Tues May 28th – Friday August 2nd 2013

Application Deadline: Friday January 25th, 2013

Participants are limited to US Citizens or Permanent Residents.

Ten students will be selected from national four-year colleges and universities and within the Virginia Community College System to participate in a 10-week National Science Foundation (NSF) Research Experience for Undergraduates (REU) program from May 28 through August 2, 2013.

Participants will:

1) Have both a "**hands-on"** as well as a "**minds-on"** set of experiences. These are designed to immerse students in a variety of ways of developing hypotheses, collecting data, and interpreting and presenting results and thereby help students begin the development of a research identity
2) Develop a strong understanding of **interdisciplinary research**. Students will focus their work on one of four research areas, but will have consistent contact with faculty and students from the other projects and will spend time learning about the different methods and approaches being used across the projects
3) Obtain mentoring in professional skills necessary for success in research-related academic and career opportunities
4) Receive a $5,000 stipend, free housing (**with 3 meals per day**) on campus and travel support to/from Virginia Tech
5) Have access to the library, computers, and recreation facilities

The Research Opportunities in this Program are in the Following Areas:

(Students accepted into this program will be assigned to one of the following four projects)

The Socialization of Children's Emotions
(How are different aspects of parenting associated with children's optimal emotional development from infancy through childhood?)

Bullying Prevention through Actively Caring
(Can a behavior-based intervention, focusing on rewarding desirable behavior, decrease bullying behavior in the classroom?)

Reinforcing Anti-Violence Attitudes through Exposure to Violent Media Content
(Can exposure to meaningful depictions of unjustified and unpleasant violence in media reinforce anti-violence attitudes?)

Social Technology and Conflict
(How do social technologies influence the experience of connectedness and rapport under conditions of interpersonal conflict?)

Program Expectations:

1) Students accepted into this NSF REU Program will live in a residence hall on the Virginia Tech Campus for the complete 10-week program and share a room with another student in this program.
2) Program participants will be assigned to one of four individual projects as their assignment for the entire 10-week program.
3) This is a full-time position, which may require students to work nights and weekends.
4) Outside lab work and library research may be required.
5) Students accepted into the program will be required to complete various assignments, trainings, readings, reflections, etc. as the 10 weeks progress.
6) Students MAY be sent home from the program for inappropriate behavior, not completing assignments, and/or not showing up to work.
7) Students will be required to complete and submit a final research paper, a research poster, and either present their work at a conference here at Virginia Tech or present a PowerPoint presentation to the REU group on their experience at the conclusion of the program.

How to Apply:

Online:
1) Complete our online application here: http://www.uri.clahs.vt.edu/nsfreu/app
2) Answer all questions online and submit your application (a confirmation screen will confirm your application submitted properly).
3) Complete your responses to the short answer essay questions by hand or in Microsoft Word.
4) Arrange for your short answer essay responses, a letter of recommendation, and a transcript (unofficial or official) from your college, to be sent by e-mail or mail to:

Rob Jacks – rjacks@vt.edu
REU Program Coordinator
College of Liberal Arts & Human Sciences
238 Wallace Hall
Virginia Tech (0426)
Blacksburg, VA 24061

Paper:
1) Fill out the attached application (see next page) clearly and legibly.
2) Answer all questions, including the short answer essay questions.
3) Mail or e-mail your application, short answer essay responses, a letter of recommendation, and a transcript (unofficial or official) from your college to:

Rob Jacks – rjacks@vt.edu
REU Program Coordinator
College of Liberal Arts & Human Sciences
238 Wallace Hall
Virginia Tech (0426)
Blacksburg, VA 24061

NSF REU Program Application Form

Interdisciplinary: Engineering, Liberal Arts and Human Sciences, Science

"Hands-on Minds-on": Multidisciplinary Approaches to Understanding and Preventing Societal Violence

First Name:
Middle Name:
Last Name:

Name of your college or university:

Your major(s):

Current mailing address:

Phone number:

E-mail Address:

Rank the projects in terms of your interest with 1 being your top choice and 4 being the project that you are least interested in.

_____ The Socialization of Children's Emotions
_____ Bullying Prevention through Actively Caring
_____ Reinforcing Anti-Violence Attitudes through Exposure to Violent Media Content
_____ Social Technology and Conflict

Gender (please circle one):

Male / Female

Race (please circle one):

Hispanic/Latino/Black/White non-Hispanic/Asian/American Indian/Native Alaskan

Affirm & Sign

☐ I have read through the list of program expectations and accept these conditions, including the requirement to live on the Virginia Tech campus for the duration of this 10-week program.

_____
Name (Printed)

_____ _____
Signature Date

Short Answer Essay Questions:

Answer each of the following questions in 500 words or less.

1) Please describe yourself, your major, and why you chose the college/university that you currently attend.

2) Why are you interested in being apart of this Research Experience for Undergraduates Program at Virginia Tech?

3) Do you have any previous research experience? (Note: Prior Research Experience is **NOT** required for acceptance to this program)

4) What are your own research area interests?

5) Do you have any special skills that you feel will aide you in this 10-week program?

6) Do you have anything else that you would like to share about yourself that may be of use to the program faculty in the selection process?

For more information or questions about this Virginia Tech NSF REU program, please contact the REU Program Coordinator, Rob Jacks.
Email: rjacks@vt.edu Phone: 540-231-6770

Applications will only be considered if all materials are submitted:

(1) this completed application, including short answer essay questions
(2) a transcript (unofficial or official) from your college or university
(3) a letter of recommendation

Application Deadline: Friday January 25th, 2013 *

* Applicants selected for this 10-week summer program will be notified in February 2013

Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, gender, national origin, political affiliation, race, religion, sexual orientation, or veteran status. Discrimination or harassment on any of these bases is prohibited by Policy 1025, "Anti-Discrimination and Harassment Prevention Policy."