



PINEMAP Intern Program

Graduate Student Call For Proposals

Agency: Virginia Tech Department of Forest Resources and Environmental Conservation

General Description:

Program Objectives:

1. Prepare graduate students to address climate change mitigation and adaptation issues
2. Train graduate students in multi-disciplinary research
3. Prepare undergraduate interns to develop and present inquiry-based science education lessons

Program Description:

The PINEMAP Intern Program is part of the Pine Integrated Network: Education, Mitigation and Adaptation Project (PINEMAP) program funded by a USDA National Institute of Food and Agriculture (NIFA) Coordinated Agricultural Projects (CAP) grant. The goal of the intern program is to pair selected undergraduates with graduate student mentors based on the following research interests and program aims: ecophysiology, silviculture, modeling, genetics, economics, education, and extension. Undergraduates will assist CAP-funded graduate students with their laboratory and/or field research during Summer 2012. Graduate students are expected to provide (1) guidance and support during the summer and (2) assistance to undergraduates during the subsequent Fall semester as they develop inquiry-based science lessons for presentation to local secondary schools.

Successful applicants will: learn to be mentors, help build the intern's research skills, design a component of their project that interns can be involved in and complete during summer, and work closely with the intern as they develop a public school presentation and are sufficiently prepared to deliver it. Graduate students will also help interns develop a poster presentation as part of their Fall 2012 communication class. Micro-grant applicants should consider how their current research projects can be used to produce a high quality learning experience for undergraduate interns and secondary school students.

Funding Eligibility and Requirements:

Applicants must be master or doctoral students in good standing participating in one of the six Aims of PINEMAP. Eligible projects will be related to PINEMAP research in your Aim. The PINEMAP Intern Program will provide six awards for the 2012 calendar year.



**Compensation:**

A micro-grant of \$4,800 will be provided to awardees (through your advisor) for paying a summer intern. Interns will directly receive \$2,200 to pay for housing and subsistence. Graduate students will mentor an intern for a period of 12 weeks during Summer 2012 to assist in data collection and hypothesis testing on the awarded project.

Conditions:

Graduate students are expected to provide support and guidance for the undergraduate intern during the summer and also during the following Fall semester. This support includes assisting the intern with locating suitable housing for the summer where appropriate. Graduate students will also be expected to assist students with developing their public school presentations.

Proposal Guidelines:

Proposals should be limited to 2-3 pages using font 12 pt Helvetica. Specific information should include: which Aim encompasses the research, objectives for summer work, a description of the methods and analysis, and specific skills required by interns. Successful proposals will briefly describe how research can be translated into public school presentations. Additional guidelines can be found on the PINEMAP website using the link below.

Submission Deadline: January 20, 2012

Announcement of Awards: March 15, 2012

To Apply:

Visit <http://www.pinemap.org/education/undergraduate/call-for-proposals> for additional information and online application.

You will need to submit an on-line application and a 2-3 page proposal requesting an intern for your project.

Contact Information:

John Kidd
Coordinator, PINEMAP Intern Program
Virginia Tech
Dept. of Forest Resources and Environmental Conservation
228 Cheatham Hall
Blacksburg, VA 24061
jbkidd@vt.edu
(540) 231-7744

