This is an invitation for proposals for 2009-2010 Undergraduate Summer Support, for undergraduates from baccalaureate institutions in Vermont to participate in the Streams Project of the Vermont EPSCoR Program. Participants in the Streams Project will be part of a team that samples from rivers and streams of the Lake Champlain watershed over the course of three years and analyzes the samples for phosphorus, bacteria (by molecular techniques) and invertebrates, all indicators of water quality. The team will upload data into a web site and project database and the data will be modeled to test specific hypotheses about the sources of pollution from our watershed.

There will be faculty from UVM and colleges throughout Vermont participating, along with high school students and teachers, undergraduates from UVM and other colleges. A coordinator will oversee the work year round.

There will be a training week June 1-5, 2009 for the team before work commences and you will have supervision from the faculty or coordinator on the team.

Compensation for the Internship:
Hourly wages for the equivalent of $4,000 for the summer (June 1 through August 15) and/or $5,000 for the entire academic year (September 1-May 1) (Workman’s compensation at 8.7% is part of the wages.)

Instructions:
On line you will find a place to provide the following:
- A Description of:
  - Your major,
  - Courses and academic background
- An explanation of how your academic or other experience has prepared you for this project.
- A statement of why you are interested in the Streams Project and what you hope to get from this work.
- The aspect of The Streams Project that interests you most: water chemistry sampling and analysis, bacteria typing by molecular biology, macroinvertebrate collection and identification, or data analysis and/or modeling?
- Whether you are applying for support for academic year, summer or both?
- Whether you plan to work at UVM or with a faculty member at your college. If the latter, please include a letter from this faculty member confirming his/her commitment to working with you on the Streams Project. We will provide $1,000 compensation to the faculty member for this assistance.
Also:

- Upload a scanned version of your Academic Transcript (unofficial copy is allowed for scanning)
- Upload a current resume of relevant experience
- Provide Name and E-mail address of a faculty member who will provide a reference. The person whose e-mail you provide will be contacted with instructions about how to submit the letter.
- Provide the name and email address of the faculty member who will supply a letter of recommendation for you. Also, please inform the faculty member providing your recommendation that they will need to submit their letter via email to streams@uvm.edu with the subject line “Streams Project Letter of Recommendation” and the name of the student (your name) in the text of the email. The letter is due MARCH 4TH, 2009 by 4 pm.

SUBMIT ON THE VT EPSCoR WEBSITE BY March 4, 2009

www.uvm.edu/EPSCoR

Obligations that Come with Funding:

- Students are expected to attend a training week June 1-5.
- Students are expected to conduct their research during Summer, 2009, during the 2009 - 2010 academic year, or both. This must be specified at the time of application for the award.
- Award funds will begin June 1, 2009.
- Students are expected to attend the Streams Project Annual Meeting in Spring 2010.
- Student must fill out an annual VT EPSCoR survey
- Student must agree to respond to questionnaires for longitudinal studies of the students who receive internship awards.

Application Deadlines:

Beginning December 10, 2008 you can access the application site on our website. To submit your application online (http://www.uvm.edu/EPSCoR). If you need help, please contact epscor@uvm.edu.

Your application must be submitted on the VT EPSCoR website by 4 p.m. on March 4, 2009.

Questions?
Email epscor@uvm.edu
OR
Call 656-7931