Call for Proposals
Pilot Project Awards for
UVM Faculty Research in Complex Systems Modeling

Application due by web submission on March 30, 2009
Web Submission Forms available December 18, 2008

Vermont EPSCoR requests proposals for pilot projects in the area of complex systems computation. There are two types of awards available: those limited to the faculty in the CSYS group (CSYS core faculty and science leaders) of the VT EPSCoR Research Infrastructure Improvement grant, and those available to UVM faculty outside this group, but both are for pilot project research using or studying complex systems computation.

Pilot Project Support Overview:

• Work must be in complex systems in a Science, Technology, Engineering or Math (STEM) area and appropriate for funding by a directorate in NSF.

• In addition to fundamental research, appropriate uses of pilot funds would be to develop collaborations and new projects or attendance at complex systems workshops. The mission of VT EPSCoR is to build infrastructure and expertise in the area of complex systems computation, and interdisciplinary collaborations are very important in this endeavor.

• For Pilot Project support, award funds will begin by July 1, 2009 and must be expended by June 30, 2010.

• If you have an existing Pilot Award, you may apply for a renewal based on demonstrable progress.

• Applications must be submitted on our application website, which you can access beginning December 18, 2008 at http://www.uvm.edu/EPSCoR

• Web application deadline is March 30, 2009.

• You may request up to $25,000 in Pilot Project support. Small projects under $10,000 will not be considered.

Eligibility Requirements

• Full time UVM tenure track will be given priority
• Research clearly in complex systems computation
**Application Review**
A panel of faculty will review the proposals. Criteria include:

- Focus on complex systems computation (other modeling will not be supported)
- Intellectual merit of research plan
- Broader impacts of project on education or society
- Appropriate budget. This may include graduate student support, summer salary, software, travel to assist in collaborations, workshop fees

**Obligations that Come with Funding**

- If awarded Pilot Project support, your attendance is expected at the VT EPSCoR annual meeting, where you should present your work, however preliminary, in a poster or talk.

- Award funds will begin by July 1, 2009 and **must** be expended by June 30, 2010.

- You are expected to complete an electronic final report, complete an annual VT EPSCoR Survey and provide data for our Annual Progress Report through 2012. All requests will be sent from the EPSCoR office by email.

**Checklist for Faculty Applications for Pilot Project Support**

**SUBMIT ON THE VT EPSCoR WEBSITE BY March 30, 2009:**

http://www.uvm.edu/EPSCoR

- Abstract (200 words)
- Budget (1 page) and Justification (1 page)
- Research Plan
  
  **A-D not to exceed 5 pages**
  
  A. Specific Aims (usually less than one page)
  B. Background and Significance (1-2 pages)
  C. Preliminary Studies (substantial preliminary data not required, but helpful) (1-2 pages)
  D. Research Design and Methods (2-3 pages)
  E. Literature Cited (extra pages as needed)

- Biographical sketch (2 pages)
- Current and Pending Funding (1 page)

**Application Deadlines:**

Beginning December 18, 2008 you can access the application site on our VT ESPCoR website to submit your application online at [http://www.uvm.edu/EPSCoR](http://www.uvm.edu/EPSCoR).

**Your application must be submitted on the VT ESPCoR website by 4 pm on March 30, 2009**