Call for Proposals for Graduate Research Assistantships

6 or 18 Month Awards Beginning in January 1, 2008

Due Oct 18, 2007

Graduate Research Assistantship (GRA)

UVM faculty members are eligible to apply for these GRAs with durations of 6 or 18 months. The students must work on complex systems modeling research or engineering with an advisor who is conducting or beginning research in complex systems modeling. Our goal is to encourage complex systems modeling science and engineering at UVM.

- Application forms are on the VT EPSCoR website and a checklist is given below.
- Application deadline is Oct. 18, 2007 by 4pm.
- Graduate Research Assistantships are $15,000 for six months of support or $45,000 for 18 months. Students pay non-research course tuition and healthcare insurance and fees from their assistantship funds.
- The student’s advisor must apply, not the student.
- Faculty members outside the CSYS Core research group will be given priority.

Application Review

- A committee of faculty members from UVM will be convened to review GRA applications and make recommendations to the VT EPSCoR PD.
- Notification of the outcomes of the applications should be available by Nov. 1, 2007.
- Only UVM full time tenure track or research track at the levels of Res. Asst. Prof., Res. Assoc. Prof. or Res. Prof. are eligible to apply. Tenure track faculty will be given priority.
- Early career faculty will be given priority.
- For Graduate Student Assistantships, more senior students will be given priority; PhD students will be given priority over MS students.

Checklist for Faculty Applications for Graduate Student Assistantship

SUBMIT ON THE VT EPSCoR WEBSITE BY 4:00 p.m. on Oct. 18, 2007:

Application cover page must be filled in online, and printed out from the VT EPSCoR website at http://www.uvm.edu/EPSCoR and signed by the faculty member and chair or
School Director. (Chairs/directors must have adequate notice for scheduling GTAs in their departments.) Signed cover page must be delivered to the VT EPSCoR office by **4:00 p.m.** on Oct. 18, **2007**.

Provide the following in your application:

A. An abstract of the project. (200 words)
B. A description of the preliminary work and background to the complex systems modeling that is the focus of the research. (1 page)
C. A description of the research that will be carried out. (up to 4 pages) (Literature cited on additional pages.)
D. An explanation of how the student will contribute to the research. What is the student's role?
E. A plan for how the student will be mentored. (Please provide a short mentoring plan.)
F. The student's current transcript (scanned version)
G. Biographical sketches of faculty and graduate student. (2 pages max for each biosketch.)

**Funding Obligations:**

- If awarded Graduate Research Assistantship support, both the mentor and the graduate student are expected to attend the VT EPSCoR Annual Meetings in 2008 - 2009. The graduate student is expected to present his/her research at each meeting.
- Award funds for the 6 month Graduate Research Assistantship **must** be expended by June 30, 2008 and the funding should begin Jan. 1, 2008.
- Award funds for 18 month Graduate Research Assistantships **must** be expended by June 30, 2009 and will begin on Jan. 1, 2008.
- Faculty recipients of the Graduate Research Assistantships for their students will be expected to submit a **research grant application to NSF by July, 2009.**
- Graduate student recipients must make arrangements with the Graduate College for a schedule of tuition payments since the assistantship includes funds for tuition.
- Graduate student will be required to take a Scientific Integrity course (e.g. Bio 381) if they have not done so already.
- The mentor and the graduate student must respond to the VT EPSCoR annual survey and the Annual Progress Report.
- Annual reporting of progress, updates and follow-on funding to the EPSCoR office through 7/31/2012.

**Application Submission:**

**SUBMIT ON THE VT EPSCoR WEBSITE BY 4:00 p.m. on Oct. 18, 2007**
(http://www.uvm.edu/EPSCoR)

Deliver Cover Page (with signatures) to the VT EPSCoR office by **4:00 p.m.** on Oct. 18, **2007**:

VT EPSCoR
University of Vermont
528 Cook Building
Burlington, VT 05405