

# Notice of Opportunity

## CUAHSI Early Career Fellowships at Hydrologic Science Synthesis Groups

The Consortium of Universities for the Advancement of Hydrologic Science, Inc. (CUAHSI) announces the inaugural round of funding to support travel expenses for visiting researchers to participate in research with CUAHSI Hydrologic Science Synthesis Groups. The goals of this program are to enhance collaborations between these groups and the greater hydrologic science community and to provide early career scientists with an opportunity to bolster their professional development in the area of synthesis research.

Four to six \$5000.00 grants are available to hydrologic scientists to cover travel related expenses for research activities that are cross-cutting, compelling and can generate transformative outcomes in the field of hydrologic science in collaboration with the following program areas:

**Water Cycle Dynamics in a Changing Environment: Advancing Hydrologic Science through Synthesis (Murugesu "Siva" Sivapalan, P. Kumar, B.L. Rhoades, D Wuebbles - University of Illinois, Urbana-Champagne)** – specifically relating to four open problems:

- Human-nature interactions and adaptations
- Role of the biosphere in water cycle dynamics
- Human induced changes to water cycle dynamics
- Structure of landscapes and their evolution through time

**Humans Transforming the Water Cycle: Community-based Activities in Hydrologic Science (Charles J. Vörösmarty, L. Band, D. Lettenmaier, R. Vogel – University of New Hampshire)** - specifically related to the widespread alteration of hydrologic systems over local-to-regional domains in the Northeastern region of the U.S.

Applicants are strongly encouraged to contact the lead PI for each of the projects to determine compatibility of the individual project with the team's project goals before submitting an application. The PIs can be contacted at:

Murugesu "Siva" Siviplan, Department of Geography, UIUC. Phone: 217-333-2675, E-mail: [sivapala@uiuc.edu](mailto:sivapala@uiuc.edu)

Charles J. Vörösmarty, Water Systems Analysis Group, UNH. Phone: 603-862-0850  
E-mail: [charles.vorosmarty@unh.edu](mailto:charles.vorosmarty@unh.edu)

### **Eligibility:**

Participants in the program are expected to be pre-tenure faculty (Assistant Professor), post-doctoral fellow or equivalent and within 7 years from receiving their Ph.D. University or government employed scientists, from both U.S. and international institutions, are eligible for these travel grants.

### **Application Materials:**

Interested individuals are requested to submit the following documents as part of their application for support:

- Current curriculum vitae (including research advisor)
- A concise statement of purpose describing the research activities planned (not to exceed 2 pages)

General questions about the program or application process should be directed to the CUAHSI Program Office, Phone: 202.777.7309, E-mail: [exdir@cuahsi.org](mailto:exdir@cuahsi.org).

Application materials should be E-mailed to [exdir@cuahsi.org](mailto:exdir@cuahsi.org) no later than **October 1, 2007**.

**Review:**

Applications will be reviewed by the PIs for each project.