



UNDERGRADUATE VISUALIZATION & MODELING NETWORK PROGRAM

FOR FACULTY AND UNDERGRADUATES through the Western Consortium for Watershed Analysis, Visualization & Exploration (WC-WAVE)

The Undergraduate Visualization and Modeling Network (UVMN) gives opportunities to engage diverse students in undergraduate research and CI-enabled education. UVMN will provide professional development for instructors (faculty) and students from Primarily Undergraduate Institutions (PUI) in the three Western Consortium states: Idaho, Nevada, & New Mexico. Faculty and students interested in introducing modeling and visualization into their earth and environmental science courses should apply.

Participation in the UVMN Program includes three basic components:



SUMMER WORKSHOP

May 29-31 The workshop will focus on creating GIS content, developing a watershed model and using it to visualize scenarios, using geographical data sources & software, and novel approaches to create 3D models.



EDUCATION MODULE

During the academic year following the workshop, PUI instructors and students will work collaboratively to develop and implement an educational module for an existing STEM course at their own institution.



VIRTUAL COMMUNITY

Instructor & student participants will discuss progress, opportunities, and challenges through a virtual community and will be included in research updates by other members of the Tri-State Western Consortium.

Application form can be found at http://bit.ly/WC_UVMN. Deadline is **February 15, 2014**.



www.nmepscor.org

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