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## **STUDENT WATER RESEARCH GRANTS ANNOUNCED**

The New Mexico Water Resources Research Institute (WRRI) has announced recipients of the 2008-2009 Student Water Research Grant Program. This program funds water-related research projects conducted by students at any of New Mexico's universities.

The program encourages and supports graduate and undergraduate student research in disciplines relevant to water resources issues and assists New Mexico educational institutions in developing student research expertise and capabilities. Students began research on these projects in December 2008 and will complete their projects in a year. The WRRI monitors the student projects, and updates are available at the institute's website at [wri.nmsu.edu/research/researchprogram.html](http://wri.nmsu.edu/research/researchprogram.html).

### **New Mexico State University**

Shalamu Abudu, Civil Engineering (advisor: J. Phillip King)

Investigation of Improved Operational Streamflow Forecasting in the Rio Grande Basin

Akash Mummaneni, Civil Engineering (advisor: N. Nirmala Khandan)

Evaluation of Multi-stage solar-powered desalination system

Sai Reddy Pinappu, Chemical Engineering (advisor: Shuguang Deng)

Composite Membrane for Membrane Distillation Desalination Process

B. V. N. P. Kambhammettu, Civil Engineering (advisor: J. Phillip King)

Designing a Combined Piezometric and Gravity Monitoring Network in Lower Rio Grande Basin

Jesus Sigala, Plant and Environmental Science (advisor: Adrian Unc)

Assessment of a novel source-tracking protocol for evaluating the significance of municipal wastewater sources on the microbial contaminant levels of discharged wastewaters

Nicholas G. Beltran, Biology (advisor: Antonio S. Lara)

Uranium Abatement in Water

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Ranganath Potluri, Chemical Engineering (advisor: David Roskstraw)  
Removal of Arsenic from Aqueous solution using activated carbon prepared from Pecan shells

**University of New Mexico**

Nicholas B Engdahl, Earth and Planetary Sciences (advisor: Gary S. Weissmann)  
The Dependency of Anomalous Transport Behavior on Flow Path Orientation

Amy J. Williams, Earth & Planetary Sciences (advisor: Laura Crossey)  
Aqueous Geochemistry of the Springs and Wells of the Sevilleta National Wildlife Refuge: Evaluating Hydrochemical Pathways and Microbiology

KT LaBadie, Water Resources Program and Community and Regional Planning Program (advisor: Bill Fleming)

From Stormwater Management to Stormwater Integration: The Use of Low Impact Development Techniques in the Albuquerque Region

**New Mexico Tech**

Jesus D. Gomez, Earth and Environmental Sciences, (advisor: John L. Wilson)  
Residence Time Distribution in Dynamically Changing Hydrologic Systems

**New Mexico Highlands**

Daryl Williams, Natural Sciences (advisor: Edward A. Martinez)  
Effects of Copper Sulfate Treatment on Benthic Macroinvertebrates in Peterson Reservoir Sediments

The New Mexico Water Resources Research Institute is a nonprofit organization that funds water related research projects at all of New Mexico's universities.