



WRRI

New Mexico Water Resources Research Institute

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For Release: 29 November 2006

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STUDENT WATER RESEARCH GRANTS ANNOUNCED

The New Mexico Water Resources Research Institute (WRRI) has announced recipients of the 2006-2007 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 will begin research on these projects in December 2006 and will complete their projects in a year. The WRRI monitors the student projects and updates are available at the institute's website at wrri.nmsu.edu/research.

New Mexico State University

Jesus Q. Cantu, Department of Physics, "Characterization of Heavy Metal Binding by Functional Groups Found in Biomaterials"

Ryan McShane, Department of Fishery and Wildlife Sciences, "Community and Ecosystem Effects of a Nonnative Fish in Refugia in an Intermittent Stream: Implications for Native Fish Restoration"

Kristin Swaim, Department of Fishery and Wildlife Sciences, "Relating Fish Abundance and Condition to Environmental Factors in Desert Sinkholes"

University of New Mexico

David J. VanHorn, Department of Biology, "The Effects of Eutrophication on the Structure and Function of Stream Biofilms"

Matthew F. Kirk, Department of Earth and Planetary Sciences, "Experimental and Numerical Modeling Analysis of Arsenic-sulfide Precipitation in Groundwater Environments"

Eastern New Mexico University

Irene M. Roselli, Department of Biology, "The Influence of Predator Detection on Life History Strategies in DAPHNIA"

Nicole M. Harings, Department of Biology, "The Influence of Larval *Culiseta* sp. (Diptera: Culicidae) on Behavior and Growth Rate of Tadpole Shrimp *Triops longicaudatus* (LeConte) (Notostraca: Triopsidae)"

New Mexico Highlands University

Chemanji Shu-Nyamboli and Joel Lowry, Department of Natural Sciences, "Determination of Heavy Metal Distribution in the Gallinas River Using Aquatic Macrophytes"

Carlos R. Herrera, Department of Natural Sciences, "Uranium and Heavy Metals in Macroinvertebrates in the Santa Fe River on the Cochiti Reservation"

New Mexico Tech

Marty D. Frisbee, Department of Earth and Environmental Science, “Runoff Processes and the Evolution of Water Chemistry in the Saguache Creek Watershed of the Upper Rio Grande”

Taufique Mahmood, Department of Earth and Environmental Science, “Use of Remotely Sensed Observations for Improved Distributed Hydrological Modeling in the Jemez River Basin”

Katrina Koski, Department of Earth and Environmental Science, “Multi-disciplinary Analysis of a New Mexico Cold Water Tufa Spring Mound”

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