

## 1991 STUDENT PAPER COMPETITION

For the first time in nearly ten years, the institute sponsored a student paper competition at the 36th Annual New Mexico Water Conference. Ten abstracts representing seven disciplines were judged by a committee comprising the university, private industry, and government agencies. Three papers were chosen to be presented at the conference. The finalists were:

- Sabir Majumder, Department of Chemistry, UNM — "Enhancement of Solar Photocatalytic Detoxification by Adsorption of Porphyrins onto  $TiO_2$ "
- James L. Markwiese, Department of Biology, UNM — "Assessment of In Situ Bioremediation of Cyanide and Nitrate at a Heap Leach Mining Operation in New Mexico"
- Daphne Neel, Department of Geoscience, NMTech — "Sorption of Organics to Surface-Altered Zeolites"

All three gave excellent presentations making the award decision difficult for the three judges, Fred Allen (Plains Electric G & T), Jerry Jacobi (New Mexico Highlands University), and Bob Myers (U.S. Geological Survey). Daphne Neel was awarded the \$500 prize. The institute thanks all students who submitted abstracts, and to the three finalists for their excellent presentations. The papers for the finalists are contained in these proceedings.



*Master's degree candidate Daphne Neel accepts the first-place award for the student competition from WRRRI Director Tom Bahr. Daphne is working under Dr. Rob Bowman in the Geoscience Department at New Mexico Institute of Mining and Technology. Daphne is from Mooresville, North Carolina and received her B.S. in Chemical Engineering from Clemson University.*