

## Dr. McCray's Academic Highlights For 2006

- Elected as vice-Chair for the ASCE national Ground Water Quality Committee
- Awarded U.S. Patent (Number 6787038 B2) for design of subsurface remediation of pollutants from ground water using cyclodextrin-enhanced solubilization combined with ex situ air stripping for pollutant removal and membrane treatment for cyclodextrin recovery.
- Dr. McCray's graduate students published (or have in press) 7 peer-reviewed journal papers and submitted 4 more.
- Two of Dr. McCray's graduate student's won awards for research poster presentations: Gretchen Oldham received 2<sup>nd</sup> prize, and Mia Tucholke received 3<sup>rd</sup> prize at the 5-state Rocky Mountain Water Environment Foundation conference in Fort Collins CO. Mia Tucholke also received 3<sup>rd</sup> prize at the CSM graduate student research fair.
- Invited to write an Editorial for journal *Ground Water* on co-sustainability of Energy Resource Recovery and Water Resources
- Invited and wrote an Editorial on Watershed Scale Urban Contaminant Hydrology for the *Journal of Contaminant Hydrology*
- Invited to serve as Guest Editor for the *Journal of Contaminant Hydrology* and the *Journal of the American Water Resources Association* for special issues related to urban impacts to watershed hydrology.
- Invited to serve as Guest Editor for the *ASCE Journal of Hydrologic Engineering* for a special issue related to Onsite Wastewater Systems and the Environment.
- Invited by to serve on an expert team to evaluate vadose-zone hydrology at the proposed Yucca Mountain Nuclear Waste Repository for the U.S. Department of Energy.
- Elected to serve on the Education Committee for the National Onsite Wastewater Recycling Association (NOWRA).
- Won two new grants in 2006 worth more than \$1 Million from the U.S. Department of Defense (ground-water remediation)
- Supervising or co-supervising about \$2.1 Million in research.
- Developed and taught the first field session in watershed Hydrology for graduate students at Mines, a three-week field session course (with Ron Cohen in ESE and Mike Gooseff in ESE).
- Developed and taught the first course in vadose zone hydrology in ESE (ESGN 598).

- Several of Dr. McCray's graduate students presented papers at the Annual Meeting of the National Ground Water Association in San Antonio Texas.
- Dr. McCray gave invited lectures to the Oregon On-Site Wastewater Recycling Association annual meeting, and to the Minnesota Pollution Control Association / State Agricultural extension service.