

2007 NWRI Graduate Student Research Conference



All 11 of NWRI's Fellows attended the First Annual NWRI Graduate Fellowship Research Conference in April 2007 in Orange, California.



Wastewater expert Dr. George Tchobanoglous of the University of California, Davis, was the morning's keynote presenter.



Melissa Kenney of Duke University talked about using nutrient criteria to better determine water body impairment.



(From left) Leonard Dueker of DCI Inc. in Arizona, Dr. John Norton of MWH, and Fellowship Conference presenter Kate Meierdiercks of Princeton University. Kate spoke about the impact of urban form and sprawl on watershed-scale hydrology.



Local students were invited to attend the conference.



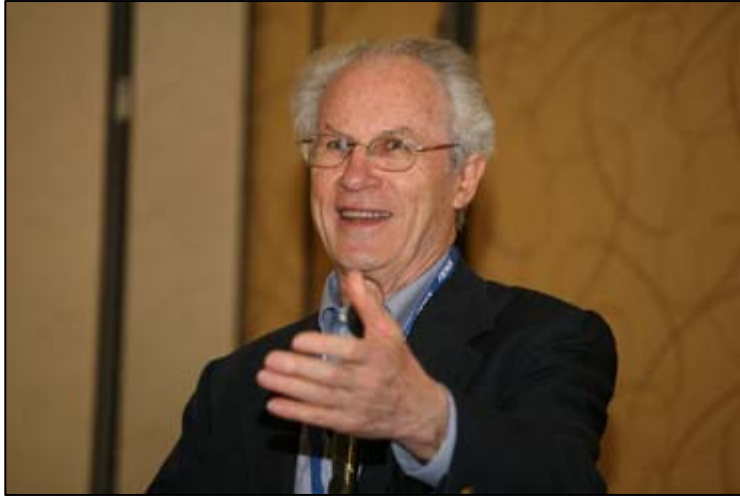
David Love of the University of North Carolina at Chapel Hill spoke on developing a quick, field-portable coliphage detection method for male-specific (F+) coliphages in fresh, estuarine, and marine waters.



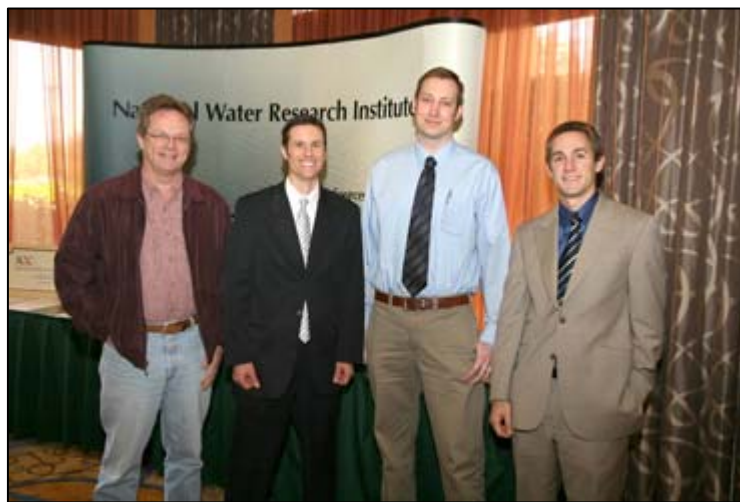
Sandra Connelly of Miami University spoke about assessing the ability of natural sunlight to destroy human pathogens in freshwater supplies and determining if natural sunlight can be used as part of the treatment disinfection process.



Attendees listened to a keynote presentation during lunch.



The 2007 Stockholm Prize winner, Dr. Perry McCarty of Stanford University, was the lunch keynote presenter.



Conference moderator Dr. Douglas Lloyd of the University of Texas at Austin with presenters Dr. Jeff Nason, Ken Mercer, and Eric Lyster. These three fellows spoke about treatment technologies.



The conference was free for attendees.



Fellowship conference presenters Erik Rosenfeldt and Ana Carolina Baeza with conference moderator Dr. Bob Carnahan, who recently retired from the University of South Florida. Both students spoke on advanced oxidation technologies.



Kris Kuhlman of the University of Arizona is working with the United States Geological Survey to create a more efficient groundwater modeling tool.



Joan Blainey of the University of Arizona spoke on improving field monitoring techniques for directly measuring recharge.