

Photos from the 2012 Award Ceremony and Lecture



The 2012 recipient of the Athalie Richardson Irvine Clarke Prize was environmental engineer Pedro J.J. Alvarez, Ph.D., P.E., DEE, the George R. Brown Professor of Engineering at Rice University in Houston, Texas.



NWRI established the Clarke Prize in 1993 to honor outstanding individuals who have implemented better water science research and technology. The Clarke Prize - a medallion and \$50,000 award - is presented annually.



The Clarke Prize Laureates: (From top left) Perry McCarty, Bruce Rittmann, James Barnard, Vernon Snoeyink, and Joan Rose. (From bottom left) Jerry Schnoor, Bruce Logan, George Tchobanoglous, Pedro Alvarez, Menachem Elimelech, and Walter Weber.



The 2012 honoree Pedro Alvarez received recognition for his achievements from Chair Nancy Sutley of the White House's Council of Environmental Quality, the Governor of Texas, senators and representatives from California and Texas, and leaders at universities in the US and Canada.



The 2012 honoree, Pedro Alvarez, with his family at the Nineteenth Annual Clarke Prize Award Ceremony and Lecture.



Guests at the Nineteenth Annual Clarke Prize Award Ceremony and Lecture. Seen here are representatives from the Orange County Water District, National Water Research Institute, California Latino Water Coalition, and Joan Irvine Smith & Athalie R. Clarke Foundation.



Menachem Elimelech of Yale University (and Clarke Laureate) introduced Pedro Alvarez at the award ceremony. Elimelech had nominated Alvarez for the 2012 Clarke Prize.



James Irvine Swinden and his niece, Toni Smith, presented Pedro Alvarez with the medallion on behalf of the Joan Irvine Smith and Athalie R. Clarke Foundation, which helped establish the Clarke Prize.



Pedro Alvarez (right) received the \$50,000 award from James Irvine Swinden and his niece, Toni Smith, who represented the Joan Irvine Smith and Athalie R. Clarke Foundation.



2012 honoree Pedro Alvarez received acknowledgment from the California Latino Water Coalition, who lauded his accomplishments as "an inspiration to millions of Latinos to further their education and pursue such professional careers as innovators, scientists, mathematicians and engineers." Sylvia Ballin, who is the Coalition's Foundation Chair and a member of the Board of Directors of the Metropolitan Water District of Southern California, presented the Coalition's congratulations at the Lecture and Award Ceremony.



As part of the award ceremony, Pedro Alvarez presented the 2012 Clarke Lecture on, "Convergence of Nanotechnology and Microbiology: Emerging Opportunities for Water Disinfection, Microbial Control, and Integrated Urban Water Management."



Friends and colleagues support 2012 honoree Pedro Alvarez at the Nineteenth Annual Clarke Prize Award Ceremony and Lecture. Seen pictured: Chef Michael Cordua of Houston and Jerry Schnoor of the University of Iowa.



The Clarke Laureates at the 2012 award ceremony. (Top left) Joan Rose, Bruce Rittmann, Menachem Elimelech, Perry McCarty, Walter Weber, and George Tchobanoglous. (Bottom left) Vernon Snoeyink, Bruce Logan, Pedro Alvarez, Jerry Schnoor, and James Barnard.



Clarke Laureates Menachem Elimelech, Pedro Alvarez, and George Tchobanoglous pose with staff and students from the University of California Riverside who attended the Nineteenth Annual Clarke Prize Award Ceremony and Lecture.