

SWANA Florida Summer Conference and Hinkley Center Colloquium Presenter Breakdown



Debra Reinhart, Ph.D., P.E.

Associate Vice President for Research and Scholarship
Pegasus Professor
University of Central Florida

Background:

Dr. Reinhart is an associate editor for the Waste Management Journal. She is a member of the Oak Ridge Association of Universities Board, Managing Board of the International Waste Working Group, the Environmental Research and Education Foundation board, and the ABET Engineering Accreditation Commission.

Dr. Reinhart is a registered professional engineer in Florida and Georgia, a board-certified environmental engineer, and a fellow of the American Society of Civil Engineers, the Association of Environmental and Science Engineering Professors, and the American Association for the Advancement of Science. She has served as a reviewer for more than 20 journals and organizations. Dr. Reinhart served from 2011 to 2013 as the Environmental Engineering Program Manager at the National Science Foundation in Washington D.C. Dr. Reinhart also served on the board of the American Academy of Environmental Engineers from 2004 to 2010 and was president of the organization in 2009.



David Mazyck, Ph.D.

Associate Professor, Dept. of Environmental Engineering Sciences,
Engineering School for Sustainable Infrastructure and Environment
University of Florida

Background:

Dr. Mazyck has served as the Interim Associate Dean of the Graduate School and Director of the Graduate Minority Program. He holds a Ph.D. from Penn State University in Environmental Engineering. His research focuses on the tailoring of sorbents for the purification of water and air including research areas of adsorption and photocatalysis to custom build particles for the development of robust treatment systems requiring less energy. Several of these technologies have been commercialized through small businesses started by Dr. Mazyck. Additional appointments include previous technology lead for a NASA commercialization center and appointment by the World Coal Association (1 of 5 globally) to the United Nations to assist with a Global Treaty on Mercury.

SWANA Florida Summer Conference and Hinkley Center Colloquium Presenter Breakdown



Helena Solo-Gabriele Ph.D.

Professor and Associate Dean for Research, Dept. of Civil, Architectural, & Environmental Engineering
University of Miami

Background:

Dr. Helena Solo-Gabriele received a B.S. and M.S. in Civil Engineering from the University of Miami, and a Ph.D. in Civil/Environmental Engineering from the Massachusetts Institute of Technology. For the past two decades, Dr. Solo-Gabriele has served as a Professor of Civil and Environmental

Engineering at the University of Miami's College of Engineering. She also serves as the Associate Dean for Research in the College where she manages the research process on behalf of engineering faculty. Dr. Solo-Gabriele's research has focused on evaluating the environmental impacts of preservative treated wood. She has published extensively in this area and is currently funded through the Hinkley Center for Solid and Hazardous Waste Management to evaluate disposal of wood within Florida.



John N. Kuhn, Ph.D.

Associate Professor, Department of Chemical & Biomedical Engineering
University of South Florida

Background:

Prior to his current position at USF, Dr. Kuhn was a post-doctoral fellow, under the supervision of Gabor Somorjai, in the Chemistry Department at the University of California-Berkeley with joint appointments in the Chemical and Materials Sciences Divisions of the Lawrence Berkeley National Laboratory. His doctorate was received in Chemical Engineering at the Ohio State University in 2007 with

Professor Umit Ozkan as his advisor. He earned his Bachelor's degree in Chemical Engineering at the University of Dayton. During that time, he also performed research at the Air Force Research Laboratory at Wright-Patterson Air Force Base.

His recent research has focused on waste-to-energy processes and operations, with an emphasis on process and operation performance improvements, benchmarking of process and operation performance metrics, and process intensification. He has advised or co-advised 14 graduate students to degree completion and has over 60 peer-reviewed journal articles and 2 patents. He earned the USF Research & Innovation 'Excellence in Innovation' Award in 2013 and the USF College of Engineering 'Outstanding Research Achievement' Award in 2016. He currently serves as the President of the Southeast Catalysis Society, a regional club of the North American Catalysis Society. His group has been funded by many agencies, including the Hinkley Center, NSF, DOE, NASA, FESC, and VentureWell.

SWANA Florida Summer Conference and Hinkley Center Colloquium Presenter Breakdown



Daniel E. Meeroff, Ph.D.

Associate Chair and Professor

Dept. of Civil, Environmental and Geomatics Engineering

Florida Atlantic University

Background:

Dr. Meeroff's area of specialization is Environmental Engineering, specifically water and wastewater engineering, water quality, solid and hazardous waste management, and pollution prevention. Dr. Meeroff is the founder and director of the Laboratories for Engineered Environmental Solutions (Lab.EES)

at Florida Atlantic University (<http://\labees.civil.fau.edu>). His Ph.D. in civil/environmental engineering was received from the University of Miami.

Dr. Meeroff was awarded the Teaching Prize for Excellence in Undergraduate Education (2017), the Distinguished Research Mentor of the Year (2015), the John J. Guarrera Engineering Educator of the Year for North America in 2014, and the FAU Distinguished Teacher of the Year in 2014 (as voted by the students), which is the highest teaching honor at the university. In 2012, Dr. Meeroff and his colleague, Dr. Bloetscher, received the National Council of Examiners for Engineering and Surveying Award for Connecting Professional Practice and Education for their work on the Dania Beach Nanofiltration Facility, which is the first LEED-Gold water treatment facility in the world.



Timothy Townsend, Ph.D, P.E.

Professor, Dept. of Environmental Engineering Sciences, Engineering School for Sustainable Infrastructure and Environment

University of Florida

Background:

Dr. Townsend teaches and conducts research related to his specialty, solid and hazardous waste management. His courses cover subjects such as waste management fundamentals, landfill design, recycling, and waste management in developing countries. He has published over 100 peer-reviewed journal papers on topics such as bioreactor landfills, construction and demolition debris, waste leaching, beneficial use of solid wastes, and special wastes such as electronic scrap. His academic and professional pursuits have included activities in India, Korea, China, the Philippines, Macedonia, Latvia, Guatemala and Haiti.