

University of South Florida
Environmental and Water Resources Engineering Graduate Seminar – Spring 2012
Meeting times from 11:50 a.m. – 12:40 p.m. in CUTR 202 unless noted

Date	Speaker	Topic
1/9/12	EWRE Faculty	Welcome & overview
1/16/12	Martin Luther King Holiday	
1/23/12	Valerie J. (Jody) Harwood, Professor, Department of Integrative Biology	A Darwinian Tale of Microbial Source Tracking or – Be Careful Where You Step
1/24/12 (11 am-12pm, ENC 3006)	Dr. Sarah Ward and Mr. Stuart Atkinson, Centre for Water Systems, University of Exeter, United Kingdom	Hydro-optimism - science and communication for global water transitions
1/30/12	Brad Baird, Director, Tampa Water Department	Current challenges facing water utilities
2/6/12	Stewart Oakley, Professor, Department of Civil Engineering, California State University - Chico	Lagoon Systems for Sustainable Wastewater Treatment and Reuse in Central America
2/13/12	Jim Bays, CH2M Hill	Natural Treatment Recharge Strategies for Water Conservation, Nutrient Load Reduction, and Aquatic Ecosystem Protection
2/20/12	Jennifer L. Meisenhelder, King Engineering Jimena Pinzon, MWH Global	An Overview of “Water for People” and their recent trip to Central America
2/27/12	Tom Lynn, Graduate student	Assessing Coagulant Addition to Enhance Biosand Filtration Performance
	Innocent Udom, Graduate student	Algae Harvesting Using Coagulation
3/5/12	Jim McHale, VP, Engineering, American Standard Brands	Toilet Science: Advances in Design and Technology for Water Conservation
3/12/12	Spring Break	
3/19/12	Emilie A. Moore, Senior Project Manager, Tetra Tech	Indirect Potable Reuse in Florida: Clearwater’s Groundwater Replenishment Program
3/26/12	Mya Breitbart, Assistant Professor, College of Marine Science	Viruses in Sewage and Reclaimed Water: The Hunt for Novel Bioindicators
3/30/12 Time: TBA	Bernard Amadei, University of Colorado-Boulder	COE 2012 Eminent Scholars Lecture Series
4/9/12	Wendy Graham, Carl S. Swisher Chair in Water Resources, Director UF Water Institute, University of Florida	Hydrologic Implications of Dynamical versus Statistical Downscaling of Global Climate Model Predictions over West-Central Florida
4/16/12	Janice "Nan" Bennett, P.E., Assistant Director Public Utilities, City of Clearwater	Overview of Clearwater Public Utilities and Brackish Water RO plant
4/23/12	Mark Santana, Graduate student	The Effect of Land Use on the Embodied Energy of Water Supply and Treatment
	Pablo Cornejo, Graduate student	Embodied Energy and Carbon Footprint of Wastewater Treatment Technologies, Water Reuse, and Energy Recovery in Rural Bolivia