



Environmental Engineering

Chair: Andy Hong

Friday, March 31, 2017

2:45 pm – 4:45 pm

2:45 pm

Next Generation Sequencing of Environmental Samples: A Comparison of DNA Extraction Methods

Connie Walden, Franck Carbonero, and Wen Zhang [University of Arkansas]

3:05 pm

Plant responses to heat stress: integration of genotype and phenotype with crop models

Melanie Correll, Christopher Hwang and Vy Nguyen [University of Florida]

3:25 pm

Behavior of CuO Nanoparticles as Influenced by Soils, Bacteria, and Wheat Roots

Joshua Hortin, Anne Anderson, Astrid Jacobson, David Britt, and Joan McLean [Utah State University]

3:45 pm – 4:00 pm

BREAK

4:00 pm

Leveraging Advanced Biological Nutrient Recovery (ABNR™) in Wastewater for Biomass Production

Chad Miner, The Coombs Hopkins Company, Salt Lake City, Utah

4:20 pm

Soft Soils Sink Logan's Wastewater Treatment Project until an Emerging Technology Saves the Day

Ryan Bench, Carollo Engineers, Salt Lake City, Utah