

8. Trotz, M. A.; Thomas, K. D. (2009) Sustainability concepts through an applied environmental engineering laboratory: Studying stormwater ponds at the university and local communities. *Proceedings of the ASEE Annual Conference & Exposition, Austin, TX, June 14-17, 2009.*
9. Mihelcic, J.R.; Trotz, M. A.; Omisca, E. The Best Option? Drinking Water Treatment or Advances in Supply and Storage. *ACS 237th National Conference & Exposition, Salt Lake City, UT, 03/25/09.*
10. Villalobos, M.; Trotz, M., Leckie, J. O. (2001) Surface complexation modeling of carbonate effects on the adsorption of Cr(VI) and Pb(II) on goethite. *Environmental Science and Technology*, 35 (19).

SYNERGISTIC ACTIVITIES:

- PI on NSF REU program, Tampa Interdisciplinary Environmental Research (REUTIER.net, 2009-2012) and Department of Education, GAANN Fellowship program (2009-2012) and Co-PI and departmental coordinator, SLOAN minority fellowship program for USF (2004-present).
- Environmental Protection Agency P3 Phase 2 Award Winner (2009).
- Organizing Committee: Going Green Tampa Bay initiative and GREEN EXPO in Tampa (www.goinggreentampabay.com) (9/2007- present).
- Faculty mentor USF Research Experience for Students and Teachers (REST) program (Summer 2008) providing research experiences for a science teacher and 11th grader. Faculty Mentor Research Experience for Teachers (Summer 2005 and Summer 2006). Provide high school research experience for Tampa Bay Tech students (Spring 2007), present USF to high school students (Fall 2006). Great America Teach-In (Fall 2004).
- Workshop participant: AEESP Workshop on Expanding Your Educative Capacity to Integrate Sustainable Development Design Principles, Iowa, City, Iowa, (7/2009); NSF International Workshop on Delivering Sustainable Infrastructure that Supports the Urban Built Environment: Frontier Research Directions and International Collaborations in Sustainability Science and Engineering (invited speaker, 12/2008); NSF sponsored conference, “Bridges to Engineering Research-2020, Foundation for National Partnerships” (invited speaker), (3/2008); NSF Workshop on Complex Interacting Systems for a Sustainable Future, (6/2007); CMU Sustainability Engineering Workshop, (7/15-20 2006); NSF Nanotechnology Initiative, (6/2006); WEE '06, (3/5/2006); COMPACT for Diversity 12th Annual Institute on Teaching and Mentoring, (10/2005).

COLLABORATORS:

Dr. Fenda Akiwumi (USF); Dr. Mark Stewart (USF); Dr. Jeff Cunningham (USF); Dr. Vinay Gupta (USF); Dr. Ashok Kumar (USF); Dr. Sylvia Thomas (USF); Dr. Amy Stuart (USF); Dr. James Mihelcic (USF); Dr. Delcie Durham (USF); Trent Green (USF); Dr. Patrick Williams, Director, WWF-Guianas.

GRADUATE AND POST DOCTORAL ADVISOR: James O. Leckie (Stanford University)

STUDENTS AT THE UNIVERSITY OF SOUTH FLORIDA:

PhD: Douglas Oti; Erlande Omisca (NSF Bridges to Doctorate, SLOAN); Omatayo Darlymple (co-advisor); Joniqua Howard (NSF Bridges to Doctorate, SLOAN); Ken Thomas

REU: John Franklin; Ryan Locicero; Michael Roe; Daniela Soledade

THESIS COMMITTEES:

Monica Gray, Civil and Env. Engineering, USF, PhD 2008 (Dissertation committee member).

Ron Price, Geology, USF, PhD 2008 (Dissertation committee outside chair).

Melody Nocon, Civil and Env. Engineering, USF, MS 2006 (Thesis co-advisor).

Joniqua Howard, Civil and Env. Engineering, USF, MS 2006 (Thesis advisor).

Kevin Young, Chemical Engineering, USF, MS 2006 (Dissertation committee member).

Camille Daniels, Marine Science, USF, MS 2005 (Dissertation committee member).