

## 2013 OU International WaTER Conference Poster Presentations

- 1      Abaire (Catholic Relief Services - Ethiopia)      Arborloo Breaking Sanitation challenge in Ethiopia
- 2      Alaci (Federal Polytechnic IDAH - Nigeria)      The crosspath of disease incidence and domestic water access among women in a slum area of Nigeria
- 3      Alexander (Emory University)      Improving service delivery of water, sanitation, and hygiene in primary schools: a cluster-randomized trial
- 4      Alfredo (University of Texas)      Aluminium-fluoride chemical interactions during alum coagulation and associated effects on drinking water treatment
- 5      Bradway (US Military Academy)      Two years in Kasiisi: lessons learned building biogas digesters in Western Uganda
- 6      Chartrand (Potters for Peace)      Ceramic Pot Filters: Weapons of Mass Bacterial Destruction
- 7      Chitwood (Partners in Hope - China)      Ceramic water filters for rural China: research results and resulting filter pot redesign
- 8      Dewart (US Military Academy)      Construction of an anaerobic digester in rural Uganda
- 9      Doyle (University of Arkansas)      Water tower in Belize by Arkansas Engineers Abroad
- 10     Du (University of Oklahoma)      Synthesis of low cost aluminum-based sorbents: Effects of solution composition and temperature on fluoride removal performance
- 11     Edwards (University of Arkansas-Fayetteville)      Lessons learned in the development of U.S. environmental laws
- 12     Ford (Kansas State University)      Empowering local villagers from West Bengal to understand the extent of arsenic contamination and locate alternative solutions
- 13     Henry (Harding University)      Removing coliforms and e. coli in contaminated drinking water using biosand filtration
- 14     Hill (University of Arkansas)      Water, society and health research experience for undergraduates
- 15     Khadse, G.K. (CSIR-NEERI)      Removal of selected heavy metals from polluted water with sand filtration technique
- 16     Kurup, D. (Nashua High School South, USA)      A practical approach for the solar disinfection of water using photocatalysis
- 17     Kurup, P. (University of Massachusetts Lowell)      An electronic tongue for detecting heavy metals in groundwater
- 18     Lai (University of Oklahoma)      Simulation of bone charring process in a kiln

- 19 Lam (Oklahoma State University) The effect of influent organic content on biosand filtration efficiency and Construction
- 20 Lemma (University of Oklahoma) Life cycle assessments of materials for fluoride removal from drinking water in developing regions
- 21 Lounsbury (IIE Fulbright) A community directed approach for WASH technology implementation in rural Ghana
- 22 Naugle (EnterpriseWorks/RI - USA) Promotion of rainwater harvesting through the private sector in Uganda
- 23 Nkwonta (Mangosuthu University - South Africa) Importance of greywater reuse in South Africa
- 24 Olukanni (Covenant University - Nigeria) Evaluation of the influence of reactor design on the treatment performance of an optimized pilot-scale wastewater treatment system for developing nations
- 25 Paulos (Ethiopian Ministry of Science and Technology) Buried channel streams as potential sources of ground water in sedimentary environment: the case study of Wukro, Tigray Region, Ethiopia.
- 26 Robinson (Engineers in Action) Developing a sustainable son-governmental organization model for water projects in Bolivia
- 27 Ugalde (Engineers in Action - Bolivia) Intercultural bridges for sustainable projects: experiences of rural development projects in Bolivia
- 28 Walters (University of Colorado at Boulder) A non-linear systems approach to sustainable rural water services in developing communities
- 29 Wan (University of Oklahoma) Cloud-based crowd-sourcing global flood diaster community cyber-infrastructure
- 30 Wyssman (University of Arkansas) Treatment of ground water with high humic acids for low cost drinking water supply