

Sierra Dennis '10 at National Conference for Undergraduate Research

Emily Gowen, Apr 22 2015

Sierra Dennis '10, a senior at Howard University majoring in Civil and Environmental Engineering, was one of four students selected to travel to Dar Es Salaam, Tanzania in June 2015 to conduct transportation research. The students will attend the University of Dar Es Salaam as part of the 2015 Global Education and Awareness Research Undergraduate Program (GEAR UP).

This is Sierra's second trip to Africa with GEAR UP. In June 2014, she spent the summer at Ethiopia's Bahir Dar University analyzing water systems. The results of her research were captured in a report entitled "Estimation of Runoff and Peak Discharge to facilitate Rural Development Using Statistical Analysis of Watershed in Ethiopia."

Sierra condensed her paper to a short abstract and submitted it to the Emerging Researchers' National (ERN) Conference. As a result she was one of 500 undergraduate students selected to present her research on February 21, 2015 at the ERN Conference in Science, Technology, Engineering, and Mathematics (STEM) held in Washington, DC.

Sierra's research abstract was also selected for the 2015 National Council for Undergraduate Research (NCUR) Conference. NCUR selected Sierra from an applicant pool of more than 3700, stating that her abstract demonstrated unique and exciting contributions to her proposed field of study.