RELP Sample Bios: 350 Words or Less

Bushra Bataineh is a PhD student in the Civil and Environmental Engineering department at Stanford University. Her research focuses on innovative project delivery mechanisms for water infrastructure worldwide. Her current research, conducted under the Global Projects Center at Stanford, is on private sector participation in water infrastructure projects in developing countries and the emergence of local private sector players. She is also analyzing cases of water sector public private partnerships in the United States in order to draw lessons learned with regards to innovative financial structuring.

Prior to joining Stanford, Bushra worked on an array of water-related projects in Jordan aimed at addressing various facets of the water crisis facing the country. Her work included preparation of a bid for a multi-billion dollar water project with conveyance, desalination, and hydropower components, reorganization and expansion of a leading agricultural initiative, and development of water use efficiency plans for several governorates under a USAID program for water demand management in Jordan.

Bushra served as research assistant for Stanford's Water in the West program where she focused on assessing the role of hydrologic data in the groundwater adjudication process, helping lay the groundwork for the interdisciplinary Groundwater Dispute Resolution Workshop at Stanford in 2014. Bushra also served as research coordinator for the Stanford Global Freshwater Initiative Jordan Water Project where she focused on engaging and developing key relationships with stakeholders in the region. Bushra completed a master's degree in environmental fluid mechanics and hydrology from Stanford University in 2014 and a bachelor's degree in hydrologic sciences and policy from the University of California, Santa Barbara in 2010.

Kory Russel is a PhD candidate in the Environmental Engineering & Science program of the Civil and Environmental Engineering Department and a member of the Poop Group. He is currently focusing his efforts on rural water supply, specifically the caloric energy cost of women fetching water in Mozambique, Africa. Additionally, Kory is working with fellow Davis Research Group member Sebastien Tilmans on a Bill and Melinda Gates Foundation funded extremely low-cost toilet development project in Haiti. The toilet project (re.sourcesanitation.com) aims to create entrepreneurial sanitation services in urban slums using mobile dry toilets.

Kory was born and grew up in Oregon and attended high school in Papua New Guinea. He received a BS in Environmental Biology and MS in Environmental Science from Taylor University. He spent 3 years serving in the Peace Corps in Mozambique, where he assisted in planning and helped realize several nationwide projects that focused on women's empowerment, skills training, HIV prevention and science education. Kory has received several academic awards including the Leveall Graduate Fellowship, Environmental Protection Agency Science to Achieve Results Graduate Fellowship, a FLAS Fellowship in Portuguese, a Center for African Studies Summer Fellowship and a Rotary District Fellowship.

Debra Perrone is a postdoctoral research fellow with a dual appointment in the Woods Institute's Water in the West Program and the Department of Civil and Environmental Engineering at Stanford. Debra is interested in the multifaceted, interrelationship between water, energy, and food resources. Her work explores how the interactions among these resources affect decisions and tradeoffs involved in water resource management. At Stanford, she is part of an interdisciplinary team that is developing a Western Water Dashboard. Debra and her colleagues are mining, compiling, and analyzing environmental, economic, and socio-political data to identify factors that influence water use. The objective of this work is to create helpful and useful visualizations for water-use stakeholders.

Debra received her undergraduate degree in Civil and Environmental Engineering from Lafayette College in 2008. An active member of Lafayette's Engineers Without Borders chapter, she worked on water projects in rural Honduras. After graduation she began the PhD Program in Environmental Engineering at Vanderbilt University and became a fellow of Vanderbilt Institute for Energy and Environment. In 2011, she was awarded an Environmental Protection Agency STAR fellowship for her research on the water-energy-food nexus. In Summer 2012, she participated in the Young Summer Scientist Program at the International Institute for Applied Systems Analysis, and a year later she was granted a NSF's East Asia Pacific Summer Institute fellowship in Singapore. Debra graduated in May 2014 and was the Graduate School's Founder's Medalist for First Honors.