

Doctoral Students



Carlos A. Arboleda. *Ph.D. candidate* in the School of Civil Engineering, Purdue University, West Lafayette. Carlos was born in Medellín (Colombia). He received his B.S. in Civil Engineering from National University of Colombia – Facultad de Minas in 1994 and his Master’s degree at Los Andes University (Bogotá, Colombia) in 1996. He worked for ConConcreto S.A, a major construction company in Colombia as a resident engineer and later as a financial analyst for construction and BOT projects. In Fall 2001, Carlos began his graduate studies at Purdue University. He obtained his Master’s degree in December 2002. The title of his thesis was “*Causes of Fatalities in Trenching Operations – Analysis Using Models of Accident Causation*”. Currently, Carlos is pursuing research toward his Ph.D. His research area is *Vulnerability Assessment of the Operation of a Health Care Facility During Disaster Events*. In July 2005, Carlos was awarded the Bilsland Dissertation Fellowship. This fellowship was established at Purdue University to provide support to outstanding Ph.D. candidates in their final year of their doctoral work.

E-mail address: carboled@purdue.edu



Victor Nakano. *Ph.D. Student* in the School of Civil Engineering, Purdue University, West Lafayette. Victor was born in Kirkland, Washington and received his B.S. in Civil Engineering from the United States Military Academy at West Point in 1991. Commissioned as a U.S. Army Corps of Engineers Officer, he has served in numerous assignments at the platoon, company, and battalion levels. In 1997, he earned his M.S. in Engineering Management from the University of Missouri-Rolla and his P.E. license. Additionally, Victor earned M.S. degrees in Structural Engineering, and Construction Engineering and Management from Stanford University in 2000. Subsequently, he served as an Assistant Professor in the Department of Civil and Mechanical Engineering at West Point where he taught Structural Analysis and was a faculty co-advisor for the National Timber Bridge Design Team. Following this assignment, Victor worked on the U.S. Army’s Future Combat Systems Program and was selected as a Uniformed Army Scientist and Engineer. In Fall 2005, he began his graduate studies at Purdue. Victor is an active duty Army Major, and is currently pursuing research in the area of National Critical Infrastructure Protection.

E-mail address: vnakano@purdue.edu



Reid Vander Schaaf. *Ph.D. Student* in the School of Civil Engineering, Purdue University, West Lafayette. Reid was born in Orange City, Iowa, and received his B.S. in Aerospace Engineering from the United States Military Academy at West Point in 1992. Commissioned as a U.S. Army Corps of Engineers Officer, he has served in numerous assignments at the platoon, company, and battalion levels. In 1997, he earned his P.E. license while attending the U.S. Army Engineer Advance Course. Additionally, Reid earned M.S. degrees in Structural Engineering, and Construction Engineering and Management from Stanford University in 2000. Subsequently, he served as an Assistant Professor in the Department of Civil and Mechanical Engineering at West Point where he taught Mechanics of Material. Following this assignment, Reid served as the Deputy, System Engineering Division, Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS), a \$1 Billion U.S. Army R&D program. His last assignment, before he began his graduate studies at Purdue in the Fall of 2005 as a Uniformed Army Scientist and Engineer, was as the Rapid Aerostat Initial Deployment (RAID) Product Manager. Reid is an active duty Army Major, a member of the ASCE Construction Institute Temporary Structures Committee, and is currently pursuing research in the area of National Critical Infrastructure Protection.

E-mail address: rvanders@purdue.edu

Students in the Masters' Program



Ibrahim Harb. *M.S.C.E. student* in the School of Civil Engineering, Purdue University, West Lafayette. Ibrahim is from Rammallah, Palestinian Territories. He received his B.S. in Civil Engineering in June 2002 from the Birzeit at Ramallah in the West Bank. His main work experience was in the construction of roads buildings, sewer lines and he also worked as a structural designer. In Fall 2004, Ibrahim began his graduate studies at Purdue as a USAID/AED scholar. Currently, Ibrahim is pursuing research towards his M.S.C.E. thesis. His research evaluates Public-Private Partnerships in water supply and wastewater projects.

E-mail address: iharb@purdue.edu



Julia Spadaccini *M.S.C.E. student* in the School of Civil Engineering, Purdue University, West Lafayette. Julia was raised in South Windsor, Connecticut. She received her B.S. in Civil Engineering from Cornell University in Ithaca, New York in May of 2004. She, also, minored in Engineering Management. Throughout her four years as an undergraduate student, Julia interned for Citigroup's Internet Technology Department, Connecticut's DOT Materials Testing Lab, and spent 2 summers working for Connecticut's Department of Environmental Protection. In Fall 2004, Julia began her graduate studies at Purdue University. Currently, she is conducting research toward her Master's degree. Her thesis is in the area of Nighttime Construction Safety focusing on cost effective safety planning. Julia has an E.I.T license from New York.

E-mail address: jspadacc@purdue.edu



Beau Burgess *M.S.C.E. student* in the School of Civil Engineering, Purdue University, West Lafayette. Beau was born in Horseheads, NY and later moved to Higganum, CT. He began his studies at Central Connecticut State University (CCSU). After two years at CCSU, he transferred to the University of Connecticut and completed his B.S. in Civil Engineering in December 2004. While attending school, Beau worked part-time as an assistant superintendent for Industrial Construction and later as a project engineer for O&G Industries. In Spring 2005, Beau began his graduate studies at Purdue. Currently, Beau is doing research towards his M.S.C.E. degree. His thesis explores Traffic Control and Work Zone Planning for Night-time Construction Operations. Beau has his E.I.T. license in the State of Connecticut.

E-mail address: bbburgess@purdue.edu