Hwangbo Bae

457 Weil Hal Gainesville, I		Email: Hwangbo.bae@ufl.edu Contact #: 540) 449 7802
Overview	Research experience of applying rigorous qualitativ students' career preparation, leadership developmer Active participation in professional conferences to e networks	nt, and out-of-class activities. exhibit research and expand scholarly
	Research interests in preparing future civil engineer and retaining construction professionals by uncover intrapersonal factors	e
EDUCATION	 University of Florida, Gainesville, Florida Ph.D. Civil and Coastal Engineering Virginia Tech, Blacksburg, Virginia M.S. Civil Engineering Construction Eng. & Mana B.S. Civil Engineering Land Development & CEM 	
ACADEMIC EX	 PERIENCE Research Assistant, <i>Leadership in Construction</i> (SF Find relationship between construction safe Build responsibility on given tasks and dev Develop communication skills and take crit 	ety and workers competencies elop authorship of the project
	 Research Assistant, <i>Environmental Biotechnology o</i> Treated waste water with Microbial Fuel Co Scaled up MFC system for wastewater treat Analyzed chemical activities in wastewater 	ells (MFC) Mar 2014~ Aug 2014 tment
MANUSCRIPTS	5 PUBLISHED Bae, H., Simmons, D. R., and Polmear, M. (2021). identification through formal and informal safety tra doi: 10.1016/j.shaw.2021.02.003	
PEER-REVIEW	ED CONFERENCE	
	 Bae, H., Polmear, M., & Simmons, D. R. (2021). Farming students' preparedness for leadership of <i>128th ASEE Annual Conference and Exposition</i>. Log Bae, H., Simmons, D. R., & Polmear, M. (2020). T 	ompetencies. <i>Proceedings of the</i> ong Beach, CA, US.
	engineering students' exploration of learning styles Annual Conference and Exposition. Montreal, Cana Bae, H., Simmons, D. R., & McCall, C. (2019). Co	ada. nstruction companies as facilitators of
	satisfying work environment. <i>Proceedings of the En</i> <i>Conference: A Challenge Summit.</i> Vail, Colorado. [Bae, H., McCall, C., & Simmons, D. R. (2019). Inv Values of Construction Employees. <i>Proceedings of</i>	[paper invited for journal] vestigating Work, Cultural, and Life

Construction: The Business of the Built Environment. Denver, Colorado.

	Bae, H., Simmons, D. R., & McCall, C. (2019). Developing a Conceptual Model of		
Construction Employees' Professional Values. Abstract submitted to Research in	Construction Employees' Professional Values. Abstract submitted to Research in		
Engineering Education Symposium. Cape Town, South Africa.			
MANUSCRIPTS SUBMITTED FOR REVIEW			
Bae, H., Simmons, D. R., & McCall, C. (under review). Building Agency: Recruitir	Bae, H., Simmons, D. R., & McCall, C. (under review). Building Agency: Recruiting and		
Retaining Construction Professionals in Industry. Engineering Project Organization	Retaining Construction Professionals in Industry. Engineering Project Organization		
Journal.			
Bae, H., Polmear, M., and Simmons D. R., (under review). Bridging the gap betwee	Bae, H., Polmear, M., and Simmons D. R., (under review). Bridging the gap between		
industry expectations and academic preparation: Civil engineering students'			
employability. Journal of Civil Engineering Education.			
MANUSCRIPTS IN PROGRESS			
Bae, H., Simmons, D. R., McCall, C., & Polmear, M. (in progress). Photo elicitation	Bae, H., Simmons, D. R., McCall, C., & Polmear, M. (in progress). Photo elicitation in		
construction engineering research: The value of coupling participants' inside perspe	construction engineering research: The value of coupling participants' inside perspectives		
with researchers' outside perspective. Visual Studies.			
Bae, H., Simmons, D. R. (in progress). Improving workplace safety through trust ar	Bae, H., Simmons, D. R. (in progress). Improving workplace safety through trust and		
safety controls. Associate Schools in Construction			
Bae. H., Simmons, D. R. (in progress). The influences of internships in shaping civi	1		
engineering students' career choice: Associate Schools in Construction			
GUEST LECTURES			
	Delivered a presentation in Safety Hazards in Construction at Virginia Tech, 2018		
 Safety Climate and Safety Culture Delivered quest lectures in Civil Engineering Operations 1 course at the University. 	of		
Delivered guest lectures in Civil Engineering Operations 1 course at the University Florida, 2021	01		
 The New Role of the Project Manager 			
 Leadership in Project Planning 			
 Decision Making in Project Execution 			
 Develop and Maintain Motivations on the Project Management 			
PROFESSIONAL EXPERIENCE			
Artillery Sergeant, Republic of Korea Marine Corps., April 2015 ~ Jan 2	2017		
• Led a crew of 9 people without any injuries and fatalities			
• Trained "Double Dragon" war-simulated activity with US Marine Corps.			
• Equipped with adept skills in learning new technologies as did in running K	2-55		
(155mm Self Propelled Howitzer)			
Parking Assistant, <i>E-Mart</i> , Gimhae, Korea, Dec 2014 ~ March	2015		
 Managed the parking service for shoppers to direct available spots in busy h 			
	louis		
 Prioritized safety through identifying potential threats to shoppers Encounted loadership in building positive relationship with monogers and 			
• Executed leadership in building positive relationship with managers and			
coworkers			
Volunteer at Orphanage (Teacher), Bangjuwon, Gimhae, Korea Summer 2008, 200	09		
 Managed to respect different perspectives of people 			
• Interacted with 20 sponsors to motivate and encourage the charity for orpha	ns		
 Organized weekly schedules with 15 children for up-coming lectures 			
Const. Labor, Changwon Elementary School, Changwon, Korea Summer 2009, 201	10		
 Transported heavy materials using crane with assistance from foreman 			
 Demolished old classrooms and bathrooms with diligent workers 			
 Demonstred old classrooms and bathrooms with different workers Rebuilt them and painted with eco-friendly chemistry 			
FUNDS RECEIVED			

GSC Travel Funding by Flour Enterprises (Spring 2019)	\$500
EXTRACURRICULAR ACTIVITIES	
UF Korean Student Association	2019 ~ present
Korean American Scientists and Engineers Association	2019 ~ present
American Society of Engineering Education	2020 ~ present
Diversity Inclusion at VT	2018 ~ 2019
American Society of Civil Engineers	Member since 2012
Virginia Tech LOGOS (Christian community)	2011 ~ 2019
Korean Football Club (Intramural sport team at VT)	2011 ~ 2019
World Travel- South Korea, Japan, China, Philippines, Myanmar	•