Welcome New Faculty!

Dr. Changhyun Kwon

Dr. Changhyun Kwon joins us from the University at Buffalo, the State University of New York, where he was recently tenured and promoted to associate professor in Industrial & Systems Engineering. Dr. Kwon brings a new research direction to our department by way of his interests and work in transportation systems analysis and service operations problems. He received an NSF CAREER award in 2014 for his proposal “Advancing Routing Methods in Hazardous Materials Transportation.” An accomplished researcher, his current focus is on robust risk management models to mitigate the uncertain risk of hazmat accidents and to avoid catastrophic consequences. His research has been supported by various organizations, including the National Science Foundation, the U.S. Department of Transportation, and the Canadian Embassy. In 2008, he received a Ph.D. in Industrial Engineering from the Pennsylvania State University where he also earned his M.S. in Industrial Engineering and Operations Research in 2005. Originally from Korea, Dr. Kwon earned his B.S. in mechanical engineering from KAIST in South Korea in 2000. He is joined at USF by his wife, Joo Yeon Woo, an accomplished artist who is now also an assistant professor in the School of Art and Art History, and will be teaching Studio Art. Professor Woo has had numerous international exhibits and is world renowned for her creative print exhibits such as “Traveler’s Cup.” (http://www.spacekite.net/travelers-cup/) We extend our warmest USF welcome to Dr. Kwon and his family.

Dr. Mingyang Li

Dr. Mingyang Li and his wife have transitioned from a cactus-laden, arid terrain to our warm, moist Florida climate to join us this fall. Dr. Li received his Ph.D. in Systems & Industrial Engineering from the University of Arizona in May 2015, where his key work in Bayesian data analytics captured our attention. His keen interest in system informatics allowed him to develop tools that have a wide range of applications in quality, healthcare, homeland security, and energy, to name a few. Specifically, Mingyang develops and applies statistical methodologies and tools such as Bayesian statistics, data mining and computational intelligence techniques, to tackle multi-level problems in modeling, prediction, design, monitoring, control, and scheduling in a data-rich environment. In addition to actively pursuing his research, Dr. Li is teaching our Engineering Analytics I course this fall. He also holds an M.S. degree in statistics from the University of Arizona (2013), an M.S. degree in mechanical & industrial engineering from the University of Iowa (2010), and a B.Sc. degree (2008) in Control Science & Engineering from Huazhong University of Science and Technology, China. We most cordially welcome Dr. Li and his family.