Jun Zhuang

Goal Statement: It is a great honor to be nominated to serve on the Council of the Society for Risk Analysis (SRA)!! I am proud to have been an active SRA member since 2007. In particular, I have attended and organized symposiums for the SRA annual conferences almost every year in the past decade. I served as a chair-elect/chair/past-chair for the SRA's Security and Defense Specialty Group from 2014 to 2017. I served on the program committee for the 2016 SRA annual conference. I served as a mentor for the SRA"s Mentorship program in 2018 and 2019. I also served as the secretary/treasurer for the SRA's Economics and Benefits Analysis Specialty Group from 2008 to 2009. I have served on the Editorial Board for the SRA's flagship journal *Risk Analysis* since 2013 and have reviewed papers for the journal for 70+ times. I have also co-edited two special issues of Risk Analysis ("Validating Models of Adversary Behavior" 2013-2016; and "Risk Analysis in the Digital Era" 2019-2021) and received the 2017 Best Reviewer Award from the journal. If elected to the SRA Council, I will continue serving the SRA with the goal of increasing the visibility of the work we do as risk analysts. In particular, I will work with the SRA officers to: (a) lead some new initiatives on promoting risk analysis in the post-COVID-19 world; (b) organize more SRA-sponsored workshops and webinars; (c) adopt state-of-the-art technology and social media to promote the SRA; (d) maintain and promote SRA membership; and (e) enhance the relationship between the SRA and other organizations, such as the Decision Analysis Society (DAS), Institute of Industrial and Systems Engineers (IISE), and the Institute for Operations Research and the Management Sciences (INFORMS).

Biographical Sketch: Dr. Jun Zhuang is a Professor and Director of the Decision, Risk & Data Laboratory, Department of Industrial and Systems Engineering at the University at Buffalo (UB). Dr. Zhuang has a Ph.D. in Industrial Engineering in 2008 from the University of Wisconsin-Madison. Dr. Zhuang's long-term research goal is to integrate operations research, big data analytics, game theory, and decision analysis to improve mitigation, preparedness, response, and recovery for natural and man-made disasters. Other areas of interest include applications to health care, sports, transportation, supply chain management, sustainability, and architecture. Dr. Zhuang has been a principal investigator of over 30 research grants funded by the U.S. National Science Foundation, by the U.S. Department of Homeland Security, by the U.S. Department of Energy, by the U.S. Air Force Office of Scientific Research, and by the National Fire Protection Association.

Dr. Zhuang received the 2019 Chauncey Starr Distinguished Young Risk Analyst Award from the Society for Risk Analysis. Dr. Zhuang is a recipient of the UB's 2019 Exceptional Scholar Award - Sustained Achievement and the 2018-2020 Buffalo Blue Sky Gold Coin Award. Dr. Zhuang is a recipient of the 2017 Koopman Prize from the INFORMS' Military Applications Society and the 2014 Military Operations Research Journal Award. Dr. Zhuang is a recipient of the 2013 UB's Exceptional Scholar--Young Investigator Award. Dr. Zhuang is also a fellow of the 2011 U.S. Air Force Summer Faculty Fellowship Program, sponsored by the AFOSR, and a fellow of the 2009-2010 Next Generation of Hazards and Disasters Researchers Program, sponsored by the NSF. Dr. Zhuang has published 100+ peer-reviewed journal articles in Risk Analysis, Operations Research, IISE Transactions, Decision Analysis, and European Journal of Operational Research, among others. His research and educational activities have been highlighted in The New York Times, The Wall Street Journal, Spark CBC Radio, Metro, The Washington Post, USA Today, among others. Dr. Zhuang chaired the Second Conference on Risk Analysis, Decision Analysis, and Security: Risk Analysis in the Digital Era, Buffalo/Niagara Falls, NY July 30-August 2, 2019, co-sponsored by the SRA. Dr. Zhuang co-chaired the International Conference on Risk Analysis, Decision Analysis and Security, Tsinghua University, Beijing, China, July 21-23, 2017. Dr. Zhuang also co-chaired the first and second Conference on Validating Models of Adversary Behavior, Buffalo/Niagara Falls, NY, June 23-26, 2013, and August 2-5, 2015, respectively. Dr. Zhuang's professional and community service activities have been recognized by the 2019 40 Under 40 Award from Buffalo Business First, the 2018 Volunteer Service Award from INFORMS, the 2017 Best Reviewer Award from Risk Analysis, Society for Risk Analysis, and the 2012 Outstanding Reviewer Award from Journal of Infrastructure Systems, American Society of Civil Engineers. Dr. Zhuang's teaching and mentoring efforts have been recognized by the 2019-20 UB Excellence in Graduate Student Mentoring Award, 2019 UB SEAS Best Senior Teacher of the Year Award, 2019 UB Student Engagement's Exemplary Faculty/Staff Mentor Award, 2012 UB President Emeritus and Mrs. Martin Meyerson Award for Distinguished Teaching and Mentoring, and 2008 Graduate Student Mentor Award from the University of Wisconsin-Madison.