Kaiming Ye, Professor and Chair, Bioengineering Department

Kaiming Ye is Program Director of Biomedical Engineering Program at the National Science Foundation (NSF). He manages neuroscience and cell biomechanics research funding programs at NSF. His research background includes stem cell engineering, regenerative medicine, imaging and vaccine development. He was Professor of Biomedical Engineering at the Department of Biomedical Engineering, College of Engineering, University of Arkansas. He is also a certified Program Evaluator for Accreditation Board for Engineering and Technology (ABET) for Biomedical Engineering. He has chaired and co-chaired a number of international conferences and has been invited to deliver keynote/plenary speech in numerous international and national conferences.

Yao Liu, Assistant Professor, Computer Science Department

Yao Liu received her Ph.D. in the Department of Computer Science at George Mason University. Her research interests lie in Internet mobile streaming, multimedia computing, and Internet measurement and content delivery. Her dissertation research focused on designing and implementing new techniques to improve power-efficiency of Internet streaming on mobile devices. Yao was also the 2012 recipient of GMU’s Volgenau School of Engineering Outstanding Graduate Award.

Ning Zhou, Assistant Professor, Electrical and Computer Science

Bio: Ning Zhou (Ph.D.) was a senior research engineer with the Energy and Environment Directorate, Pacific Northwest National Laboratory, Richland, Washington, USA. He led projects in developing algorithms and tools for power grid analysis and operation. Dr. Zhou has published over 60 peer-reviewed publications, which have been cited for over 400 times. He is the lead author of the 2009 Technical Committee Prize Paper from the IEEE Power System Dynamic Performance Committee. Dr. Zhou is a senior member of the IEEE. He is the recipient of 2010 Outstanding Engineer of Year Award from IEEE Power and Energy Society (PES) Richland Chapter.
Sherry Towfighian, Assistant Professor, Mechanical Engineering

Sherry Towfighian earned her B.Sc. and M.Sc. in Mechanical engineering from Amirkabir University of Technology, and Ryerson University, respectively. She received her PhD in Mechanical Engineering from the University of Waterloo in 2011, and pursued her postdoctoral fellowship cross appointed at Ryerson University and University of Toronto. She is interested in dynamic and vibrations and her research is focused on microelectromechanical system (MEMS) applications. She has been the recipient of highly competitive awards and scholarships in Canada including NSERC, OGS, and MITACS postdoctoral fellowship.

Ryan Willing, Assistant Professor, Mechanical Engineering

Ryan Willing completed his PhD in Mechanical Engineering at Queen's University in 2010, and was recently a post-doctoral fellow at the Bioengineering Research Lab of the Hand and Upper Limb Centre (HULC) at Western University (London, Ontario, Canada). Ryan's PhD thesis focused on the multiobjective design optimization of total knee replacements for reduced wear and improved kinematics. Ryan helped launch the computational mechanics division of research at the HULC, where his research includes computational and in-vitro studies on implant design, biomechanical modelling, cartilage mechanics, craniofacial symmetry analysis and impact mechanics. He is currently supported, in part, by the Joint Motion Program, a Canadian Institute of Health Research training initiative in musculoskeletal health research.
Huiyang Li, Assistant Professor, Systems Science & Industrial Engineering

Huiyang Li was a postdoctoral fellow in the Cognitive Engineering Center at Georgia Institute of Technology. She received her Ph.D. in 2012 from the Department of Industrial and Operations Engineering at the University of Michigan. Previously, she obtained her B.S. in Electrical Engineering from Peking University and M.S. in Applied Psychology from Chinese Academy of Sciences. Huiyang’s research interests include human-automation interaction, team communication, attention and interruption management, and multi-modal interface design. Her research is conducted in application domains such as health care, space operations, robotics, aviation, ground transportation, and emergency evacuation.

Mark Poliks, Professor, Systems Science & Industrial Engineering

Prior to joining the Watson School, Mark D. Poliks was the Director of Research and Development at Endicott Interconnect Technologies, Inc., Technical Director of the Binghamton University based Center for Advanced Microelectronics Manufacturing (CAMM) and Research Professor of Chemistry, Materials Science and Engineering at Binghamton.

Aneesa Thomas, Secretary to the Associate Deans

Aneesa Thomas joined the Watson Dean’s Office in May 2013 after five years as department secretary in the Systems Science & Industrial Engineering (SSIE) Department. With Binghamton University since 2001, she brings experience from working in the Office of Financial Aid & Student Records, the Graduate School, as well as the SSIE Department.