

Biography:

HE WANG received his MD ('94) in Orthopedics from Chengdu Institute of Physical Culture, China, a M.S. ('97) in Biomechanics from National Institute of Sports Science, China, and Ph.D. ('02) degrees in Exercise Science from University of Georgia. He is currently an Associate Professor of Exercise Science in the School of Kinesiology at Ball State University. Prior to joining Ball State University in 2007, he was on the faculty at the Queens College of City University of New York (02-07). His areas of research interest include clinical biomechanics, orthopedic medicine, and bioengineering. His accomplishments in clinical biomechanics, examining the interaction between joint replacements and activities of daily living, have been well received by the orthopedic industry, surgeons and health professions. His research efforts in applied biomechanics, focusing on understanding mechanisms of lower-extremity overuse injuries, has been recognized by peers in the sports medicine community, as well as the Army Medical Research and Materiel Command. Dr. Wang also collaborates with professors/engineers from other Institutions in the field of bioengineering to develop novel technologies to be applied in human movement science. In particular, he is interested in transforming radar technology into a real-time movement assessment tool to study human movements in real-world settings. He is an editor for the Journal of Orthopedics and Orthopedic Surgery and Journal of Bone. He is also on the editorial boards for the International Journal of Arthritis, Current Research in Surgery, and Journal of Annals of Bioengineering.