

## ASEE ZONE III CHAIR-ELECT CANDIDATE

### Biography



**Steve E. Watkins** is a Professor of Electrical and Computer Engineering at Missouri University of Science and Technology (formerly the University of Missouri-Rolla or UMR) where he directs the Applied Optics Laboratory and serves as the Associate Chair of Electrical Engineering Undergraduate Studies. His technical interests are smart structures, sensing systems, and engineering education including pre-college activities. He has one patent, three book chapters, 47 archival papers, and 79 other publications. He was Faculty-Member-in-Residence for the Washington Internships for Students of Engineering (WISE) Program, an IEEE-USA Congressional Fellow in the personal office of California Congressman Dana Rohrabacher, a visiting physicist at the Phillips Laboratory (USAF) at Kirtland Air Force Base, and a visiting scholar at the Basic Research Laboratories of NTT in Japan. He received a Ph.D. from the University of Texas at Austin and M.S. and B.S. degrees from UMR.

Dr. Watkins' professional memberships are American Society for Engineering Education, Institute of Electrical and Electronics Engineers or IEEE (senior member), SPIE-The International Society for Optical Engineering (senior member), and Eta Kappa Nu (IEEE-HKN), the IEEE Honor Society. In ASEE, he has been the 2012 General Chair for the ASEE Midwest Section Conference, 2008-2009 Chair for the ASEE Midwest Section, and campus representative since 2005. Also, he received the 2012 ASEE Midwest Section Outstanding Service Award. He is active in IEEE and IEEE-HKN including service as the Editor-in-Chief for the IEEE-HKN *The Bridge* magazine, as a member of the HKN Board of Governors, on the Region 5 Executive Committee, and with various conference committees. He is faculty advisor to the IEEE-HKN Chapter and Student Toastmasters Club. He has coordinated a Robotics Middle-School Summer Camp for six years. He received an IEEE Regional Activities Board Achievement Award for assisting with the development of the IEEE Student Ethics Competition and has been the IEEE Region Student Ethics Competition Chair 2007-Present. Other recognitions include IEEE Region 5 Awards for Outstanding Member (2005) and Outstanding Educator (1999) and selection as a finalist for the 1993 HKN Outstanding Young Electrical Engineer Award. As a student, he was the 1983 recipient of the HKN Alton B. Zerby Student Award. He served on the local school board between 2001 and 2012 (President 2009-2012). For other information see

<http://www.Linkedin.com/in/WatkinsSteveE> and <http://people.mst.edu/faculty/watkins/>

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### **STATEMENT**

I appreciate the opportunity to run for the Zone III leadership position. ASEE plays many important roles in our engineering education community. It promotes quality education, facilitates innovation, and supports educators. I have been a member of ASEE since 2000 and I have been active in both section activities and conferences. In particular, my experiences as the Midwest Section Chair, as campus representative, in ASEE section conferences, and in other professional societies have prepared me for service at the zone level. I hope to have this opportunity to contribute to the ASEE community and to assist others – both colleagues and students – become more effective in their careers. I ask for your vote. If elected, I will do my best to serve our members, our organization, and our profession.

### **CONTACT AND INFORMATION**

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