

## **iNEER Awards Committee (2012)**

### **PATRICIA FOX, USA (Member)**

Pat is the Associate Chair of the Computer Information and Leadership Department in the Purdue School of Engineering and Technology at Indiana University Purdue University Indianapolis (IUPUI). She is also Assistant Clinical Professor of Organizational Leadership and Supervision. Pat has been a faculty member in the School for 30 years. Pat has served as the Assistant/Associate Dean in the School for over 25 years. She has served on the Board of Directors of the American Society for Engineering Education (ASEE) for three terms. She was awarded several national ASEE awards and she is an ASEE Fellow. She teaches ethics, leadership, staffing, and sustainability courses in engineering and technology and has just completed co-development of courses for an online Sustainable Technologies Certificate. She is very active internationally teaching two study abroad courses about sustainable practices in businesses and industries in Germany and France each summer. She received her BS from Indiana University and MBA from Butler University. Pat has been a member of iNEER for a number of years.

### **VOJISLAV ILIC, Australia (Chair)**

Vojislav came to the University of Western Sydney (UWS) from the University of Sydney in Sydney, Australia where he obtained his PhD in 1994. He obtained a Master of Engineering Science Degree and his undergraduate degree in Mechanical Engineering at the University of New South Wales and a Diploma in Mechanical Engineering from the Royal Melbourne Institute of Technology. Prior to his engagement at the University of Sydney, he was a Research Engineer with the Commonwealth Scientific and Industrial Research Organization where he led a Research Team into research on multi-phase flow technology. He spent two years in the U.S. as a Research Fellow at Dartmouth College (Hanover, NH) and University of California (Santa Barbara, CA). He was a visiting scholar at the University of Belgrade in 2007. Vojislav is the elected Leader of the Asia-Pacific District of the American Society of Mechanical Engineers (ASME), a Board Member of the Engineers Australia College of Mechanical Engineers and of iNEER. His research interests include applications of magneto-rheological fluids, hypo- and hyper-thermal ablation of tissues and cavitation of submerged water jets, and all aspects of education of engineers with a special focus on introducing humanities into the engineering curriculum and technology into the humanities curriculum. He has published over 110 technical papers.

### **KWANG SUN KIM, South Korea (Member)**

Kwang Sun Kim is presently the Honorary Chairman of Korea Society for Semiconductor/Display Technology (KSSDT) and the Professor of School of Mechatronics Engineering, Korea University of Technology and Education (Korea Tech). He served for the

KSSDT as a Chairman for four years from 2003 to 2007. Dr. Kim was also a co-general chair of ICEE/ICEER2009 held in Seoul in 2009. He served as a dean of planning affairs of KUT from 1996 to 2000, and as a dean of graduate school of KUT during 2000-2002 and 2004-2006. During 1978-1984 he was with the Ministry of Defense of Korea. In 1988, he was a research faculty at Yale University. From 1986 to 1992, he was at Gibbs and Hill Inc., USA, and Samsung Aerospace Inc. as a system engineer. He was awarded the National Medal by the President of Korea for his contributions to scientific and technological fields in 2006. A fellow of the American Society of Mechanical Engineers, he is also currently an auditor of Korea Society for Engineering Education (KSEE). He received B.S. degree in Mechanical Engineering from Hanyang University in Seoul (1978), and the M.S. (1983) and Ph.D. (1986) degrees in Mechanical Engineering from the University of Kansas, USA.

### **CATHERINE SKOKAN, USA (Co-Chair)**

Catherine Skokan is presently Associate Research Professor and Professor Emeritus of Engineering at the Colorado School of Mines. She received her BSc, MSc, and PhD degrees in geophysical engineering from the Colorado School of Mines. Dr Skokan has published over 100 articles, extended abstracts, and abstracts in numerous geophysical, geological, engineering, and educational journals and proceedings. Her research interests include electrical properties of earth materials, mapping of volcanoes and geothermal resources, and use of electromagnetic methods in environmental and groundwater studies. Dr. Skokan has been active in the Humanitarian Engineering program at CSM where engineering skills are used to serve the underserved. She also is involved in educational research especially in the area of curriculum development. She currently serves on the ASEE board as the Professional Interest Council II chair. She has been an active and a regular contributor to iNEER and ICEE since 2003.

### **JAMES UHOMOIBHI, Northern Ireland, UK (Member)**

James is the Faculty e-Learning Coordinator at the University of Ulster where he also heads the STEM (Science Technology Engineering and Mathematics) Education Research Group. He graduated with the first degree in Physics from Nigeria, and received a BPhil degree in Italy before moving to the UK where he completed his MSc in Optoelectronics and Optical Information Processing and a PhD in Laser Physics at Queen's University Belfast. He is a Chartered Physicist and a member of the Institute of Physics in the UK, a Chartered IT Professional, a Fellow of BCS, the Chartered Institute for IT, and a Fellow of the UK Higher Education Academy. He sits on the Board of the International Network for Engineering Education and Research (iNEER). He is the founder and current Chair of the BCS e-Learning Specialist Group. His research interests are in technology integration in education, remote and virtual laboratories development and laser engineering applications and photonics. In 2011 he was appointed a LEADS Scholar by the Nigerian National Universities Commission (NUC). He is a member of the International Review Panels of the NRF and the CSIR of the Republic of South Africa. In 2011 Dr Uhomoibhi received the iNEER Global Achievement Award in Engineering Education.