



**Pamela McCauley Bush, Ph.D., C.P.E.,  
Director, Ergonomics Research Lab,  
University of Central Florida**

Dr. Pamela McCauley Bush is Director of the Ergonomics Lab and an Associate Professor of Industrial Engineering and Management Systems at the University of Central Florida. She has received research funding from the National Science Foundation, NASA, the Department of Defense and other agencies. Dr. Bush's research focus includes simulation and human factors in disaster management, evaluation and development of artificial intelligence models using fuzzy set theory, human factors model development and engineering leadership. She is the author of over numerous technical papers, book chapters and conference proceedings. Dr. Bush serves as a member of the editorial board for the International Journal of Advanced Intelligence Paradigms (IJAIP) and Journal of Theoretical Issues in Ergonomics Sciences (TIES); she served as Associate Editor of the Industrial Engineering Encyclopedia and has reviewed papers for IEEE Transactions on Systems, Man and Cybernetics, the International Journal of Industrial Hygienist, the North American Fuzzy Information Processing Conference Proceedings and Kluwer Academic Publishers. Dr. Bush has been described as an outstanding professor and teacher. Receiving the Award for Excellence in Undergraduate Teaching and the Teaching Incentive Program Award (TIP); additionally she was recently named outstanding Engineering Educator of the Year by the Florida Engineering Society.