About the Contributors

**Victor C. X. Wang** is a Professor of Educational Leadership & Research Methodology at Florida Atlantic University. Thus far, Dr. Wang has published nearly 200 refereed books, book chapters, and journal articles. These publications address andragogy and pedagogy, which can be considered as the umbrella under which such areas as andragogical curriculum and program development, management, human performance technology, social justice, global education, diversity and E-learning are addressed. Currently, Dr. Wang is co-editing the International Journal of Adult Vocational Education and Technology with a Columbia University Professor, Dr. Lyle Yorke and a world-leading adult education theorist and statistician, Dr. Patricia Cranton. Dr. Wang has won many academic achievement awards, including the Distinguished Faculty Scholarly & Creative Achievement Award. He has had extensive experience in chairing and mentoring doctoral dissertations (including dissertations from University of Auckland, New Zealand). Some of his books have been adopted as required textbooks by major universities in the United States, and in China. In addition, numerous universities worldwide including some Ivy League Universities have cataloged his books and journal articles. Dr. Wang’ teaching (including teaching via technology) has reached many states in the United States and China.

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**Saliha Akhtar** is a Clinical Trial Manager in the pharmaceutical industry. She has experience in the start-up through close-out phases of clinical trials. Saliha earned her Master of Business Administration in Pharmaceutical Management from Fairleigh Dickenson University, Master of Science in Health Sciences from Rutgers University, and a Bachelor of Science in Biology from Montclair State University. She is currently pursuing a PhD in Health Sciences at Seton Hall University. Her research interests include understanding the factors that prevent clinical trials from recruiting on time and the reasons for low retention rates.

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About the Contributors

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**Jorge Luis Victória Barbosa** received his BS degree in Electrical Engineering from the Catholic University of Pelotas, Brazil, in 1991. He obtained his MS and PhD degrees in Computer Science from the Federal University of Rio Grande do Sul (UFRGS), Brazil, in 1996 and 2002, respectively. Today he is a Professor and Researcher of the Interdisciplinary Postgraduate Program in Applied Computing (PIPCA) at the University of Vale do Rio dos Sinos (UNISINOS), São Leopoldo, Brazil. Additionally, he is a CNPq (the Brazilian Council for the Development of Science and Technology) researcher in Computer Science (scholarship for high productivity) and head of the Mobile Computing Laboratory (MobiLab/UNISINOS). His research interests include mobile and ubiquitous computing and mobile/ubiquitous learning. He is a member of the Brazilian Computer Society (SBC).

**Theresa J. Barrett**, Deputy Executive Vice President; Vice President of Education, Communications and Meetings; New Jersey Academy of Family Physicians. Dr. Barrett is an experienced executive in the area of healthcare and continuing medical education. A skilled communicator with a strong background in education, training, and communications, Dr. Barrett’s qualifications include over 25 years of experience in medicine, pharmaceuticals, and continuing medical education, with a wide knowledge of medical science. She holds a PhD in adult education, an MS in instructional media, and a BA in communications. Dr. Barrett has led the development of continuing medical education programs in pneumococcal disease, breast and colon cancer prevention, pain management, hypertension, and depression among others. She also served as the principle investigator for a National Institute of Environmental Health Sciences/National Cancer Institute grant funded program on the dissemination of research from the Breast Cancer and the Environment Research Program. Dr. Barrett has authored book chapters and clinical articles focused on both physician education and patient care.

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**Sandra G. Bowman**, Ed.D. is a senior researcher at the University working on the Math Science Partnership, Pre-K School Portal, Mathematics Portal, and other projects focused on improving educational outcomes for students. Dr. Bowman is an expert on assessment and evaluation models designed to assess the effectiveness of educational programs.
Metin Çakir is a social worker who works at the Health Ministry in Turkey. He graduated from Hacettepe University Department of Social Work in 2007. He received his master’s degree from the Department of Social Work in Ankara University in 2014. He works on the field of mental health, drug addiction, women rights for directorate of public health.

Michelle Lee D’Abundo is faculty at Seton Hall University in the Department of Interprofessional Health Sciences and Health Administration. She is a certified coach, an Energy Leadership Index™ Master Practitioner (ELI-MP) and a Certified Health Education Specialist. She currently teaches in the Master in Health Administration Program and PhD program in Health Sciences. Dr. D’Abundo earned her PhD in Adult Education from the University of Georgia, Master of Health at University of North Florida, and Bachelor of Arts in Sociology from American University. Dr. D’Abundo previously served as an Associate Professor in Public Health Studies at the University of North Carolina Wilmington and as School Health Education Program Director at Salisbury University. Dr. D’Abundo has published many articles and book chapters on well-being, promotion of mindfulness, online learning, and exercise motivation. Dr. D’Abundo is committed to the promotion of lifespan, well-being through individual and organizational change, community development, and social justice.

Michael A. DeDonno is an Assistant Professor in the College of Education at Florida Atlantic University. Dr. DeDonno earned his MBA from Baldwin Wallace University, his MA and Ph.D. in Psychology from Case Western Reserve University. As a cognitive psychologist, Dr. DeDonno investigates factors that impact human performance. More specifically, his focus is the influence of an individual’s self-perception on performance in areas such as health, academics, and tasks requiring complex cognition. As a research consultant, Dr. DeDonno has worked with state behavioral hospitals, branches of the military, and in the field clinical research. He has served as the social sciences section chair for the Florida Academy of Sciences. Dr. DeDonno is a member of societies such as the Association for Psychological Science (APS), the International Society for Intelligence Research (ISIR), and the American Association for the Advancement of Science (AAAS).

Anjaneteta Davis is a simulation specialist for the Division of Health Sciences and an Assistant Professor for the College of Nursing at the University of South Alabama. As a simulation specialist, she works across disciplines to prepare and conduct human patient simulation experiences for nursing, medicine, and allied health departments. In addition, she works with the University of South Alabama Hospital system healthcare staff to incorporate human simulation for staff development, competencies, and continuing education courses. She utilizes low, mid, and high fidelity simulators, as well as partial task trainers for the simulation experiences. As an Assistant Professor, she assists in undergraduate nursing courses. Her research interests include improving breastfeeding outcomes, mother-baby, and simulation. Anjaneteta completed her EdD in Instructional Leadership for Nurse Educators in December 2014 at The University of Alabama.

Erdem Demiroz is a PhD candidate at the University of Missouri-Kansas City (UMKC), in the School of Graduate Studies. His interdisciplinary PhD studies focus on Curriculum and Instructional Leadership and Mathematics and Statistics with emphasis on Information and Learning Technologies (ILTs) in Mathematics Education. He earned his MA in General Curriculum and Instruction and Learning Technologies at UMKC, and Bachelor of Arts in Computer Education and Instructional Technologies

About the Contributors
(CEIT) from Ege University in Turkey. His extensive background and experience in information and learning technologies underlie his teaching and research interests. He has taught graduate and undergraduate level courses which focus on teaching and learning with technology, educational assessment, and problem solving and creativity. His general research interests focus on the best practices of ILTs in K-12 education, the effects of technology on learning processes and on student learning outcomes with specific emphasis on course redesign & flipped learning with heavy use of ILTs, virtual learning environments, online teaching practices and design, learning theories in virtual learning, artificial intelligence, gaming and educational game design for P-12 education, human computer interaction, and kinesthetic learning in virtual settings.

**Dimitrios Hatzinakos** received the Diploma degree from the University of Thessaloniki, Greece, in 1983, the M.A.Sc degree from the University of Ottawa, Canada, in 1986 and Ph.D. degree from Northeastern University, Boston, MA, in 1990, all in Electrical Engineering. In September 1990 he joined the Department of Electrical and Computer Engineering, University of Toronto, where now he holds the rank of Professor with tenure. He has served as Chair of the Communications Group of the Department during the period July 1999 to June 2004. Since November 2004, he is the Bell Canada Chair in Multimedia, at the University of Toronto. Also, he is the co-founder and since 2009 the Director of the Identity, Privacy and Security Institute (IPSI) at the University of Toronto. His research interests and expertise are in the areas of Multimedia Signal Processing, Multimedia Security, Multimedia Communications and Biometric Systems.

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**Ric Jentzsch** spent the last nine years working in private industry where he has been involved in a wide range of high level security software, hardware, and professional services. He has been associated with University teaching and research for over 25 years. His research interests center around intelligent agents and application of evolving technologies. He has been an invited speaker at several European and U.S. conferences. He has taught at universities in the United States of America, Australia, Canada, the United Kingdom, and in several Asian countries.

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Al Lauzon is currently a professor in the School of Environmental Design and Rural Development, University of Guelph. He has degrees in psychology, extension education, and adult education and community development. He teaches in the Capacity Development and Extension M.Sc. program and in the Rural Studies Ph.D. program; Al coordinates both programs. His primary focus in research is on rural change and development, adult education and community development, and the foundations of capacity development and extension. He is also interested in foundational issues related to epistemology, including the intersection and interactions between differing knowledge systems.

Julie Leos, M.S. is a PhD Student in the Higher Education Administration program at The University of South Florida. Julie works in the MUMA College of Business as an Academic Advisor and is also the coordinator of a Living Learning program for high achieving business students. Julie has worked in College Student Affairs for the past nine years. Her research interests include Women’s Issues in Higher Education, workplace excellence, and the benefits of Wellness on workplace engagement.

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Masoud Mohammadian is an associate professor at the Faculty of Business Government and Law at the University of Canberra. His research interests lie in adaptive self-learning systems, fuzzy logic, genetic algorithms, neural networks, decision support systems, data security and privacy and their applications in industrial, financial and business problems that involve real time data processing, planning and decision making. His current research also concentrates on the application of computational intelligence techniques for learning and adaptation of intelligent agents and web-based information filtering.
About the Contributors

and data mining. He has edited over 22 book and conference proceedings in the area of Computational Intelligence and Intelligent Agents. He has chaired and co-chaired over 14 international conferences in the area of Computational Intelligence, Intelligent Agents and has written more than 100 journal articles, conference papers and book chapters.

Sean W. Mulvenon, Ph.D. is professor of educational statistics at the University of Arkansas and created the National Office for Measurement and Evaluation Systems (NORMES) in 1998. Since that time he has worked with numerous State Educational Agencies (SEA) and spent 31 months as a Senior Adviser to the Deputy Secretary at the U.S. Department of Education. He has developed large scale data systems, growth models, and policy associated with testing and assessment practices at both the SEA and National levels. He has served as a consultant on research projects in the United Arab Emirates, India, and China.

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T. Ray Ruffin retired from the United States Navy and currently teaches face-to-face classes during the day, evening, and online as full time and adjunct faculty. Affiliated colleges and universities include school include: University of Phoenix since 2012, receiving five Honorarium Awards and one Excellent in Publishing Award. School of Advanced Studies (SAS) Faculty Member and Dissertation Chair for the University of Phoenix, focus on the Doctoral Proposal for approval. Affiliate in Charlotte, North Carolina for the University of Phoenix Research Center for Workplace Diversity. Colorado Technical University since 2103, where Dr. Ruffin received two Adjunct Faculty Funding Awards. Rounding out the list are the University of Mount Olive since 2008 and Wake Technical Community College since 2010 where Dr. Ruffin was instrumental in course and syllabus development along with submitting grants or Faculty Honorarium Awards. Member of North Carolina Community College Faculty Association (NCCCFA) and North Carolina Computer Instruction Association (NCCIA), serving on the Leadership Team as Project Leader for Health Information Technology and Health Information Management. Has over twenty years of management (including financial management), and information technology experience. Dr. Ruffin’s educational background includes a Bachelor of Business Administration from Northwood University and the completion of four graduate degrees, Master of Arts in Organizational Leadership, Master of Science in Human Resources, Master of Health Administration all from Chap-
man University, and lastly Doctorate of Business Administration with a concentration in Information Systems from Argosy University. Currently, Dr. Ruffin enrolled in post doctorate degree in Healthcare Management and Leadership. His research interests includes technology and leadership on all levels with a specialty for Health Information Technology.

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Henrique Damasceno Vianna received his MSc degree in the Applied Computing Graduate Program (PIPCA) of the University of Vale do Rio dos Sinos (UNISINOS) in 2013. He researches the application of ubiquitous computing applied to the care of chronic diseases at the Mobile Computing Laboratory (MobiLab/UNISINOS). He is also a computer technician at the Data Processing Company of the State of Rio Grande do Sul (PROCERGS), where he works on developing solutions to aid public management. His research interests include public health informatics, mobile and ubiquitous computing, and software architecture for network-based applications.

Eric T. Wanner, DPT, is the Physical Therapy Director at Palm Beach Sports Medicine & Orthopaedic Center in West Palm Beach, Florida. He received his Bachelor of Science in Exercise Science degree from The Ohio State University in Columbus, Ohio and his Doctor of Physical Therapy from The University of Dayton in Dayton, Ohio. Dr. Bird and Dr. Wanner are currently collaborating on a research project, determining if health coaching affects a patient’s recovery in a more positive way. Dr. Bird and Dr. Wanner plan to continue to research and write about the connections between the field of education and medicine to improve patient awareness and patient education.

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**Sandul Yasobant** earned his MPH from WHO collaborating Centre of Occupational Health, Sri Ramachandra Medical College & research Institute, India. Currently he is involved as a public health researcher in the large scale community based health system evaluation project at Indian Institute of Public Health- Gandhinagar (IIPHG), India. Also, he significantly involved in Ergonomics Consultancy & Occupational Health Promotion for various industries during these periods. Prior to this he was serving as an academician for health science graduate in Utkal University, Odisha. He also earned Health promotion certification from National Institute of Health & Family Welfare (NIHFW), New Delhi, India and Health Education certification from IGNOU, India. He is serving as editorial board member or reviewers for many journals both national level and internationally. Dr. Yasobant’s research interest includes physical activity and quality of life research, health risk assessment, health technology application in action research, occupation & disability epidemiology, health system & policy research.

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