About the Contributors

Joseph K. H. Tan, PhD, is the Wayne C. Fox Professor of E-Business Innovation & E-Health, McMaster University, Hamilton, Ontario, Canada. Previously, Dr. Tan had served as Professor and Head, Information System and Manufacturing (ISM) Department, Wayne State University, and as Acting Chair of the Masters in Health Administration (MHA) Program, Department of Healthcare & Epidemiology, Faculty of Medicine, the University of British Columbia. Currently, as the Editor-in-Chief, the International Journal of Healthcare Information Systems & Informatics (IJHISI), Professor Tan sits on various journal advisory and editorial boards as well as on numerous organizing committees for local, national, and international meetings and conferences. Professor Tan is well published and his research, which has enjoyed significant support in the last 21 years from local, national, and international funding agencies and other sources, has also been widely cited and applied across a number of major disciplines, including health care informatics and clinical decision support, health technology management research, human processing of graphical representations, ergonomics, health administration education, telehealth, mobile health, and e-health promotion programming. His hobbies include writing and editing books, book chapters, and journal articles; working on collaborative grant projects; engaging in philosophical discussions with colleagues and peers; and reading his son’s work.

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Xiangyang Li, PhD, is currently Associate Professor with the Department of Industrial and Manufacturing Systems Engineering of the University of Michigan – Dearborn. He received a Ph.D. degree with research in information security from Arizona State University, a M.S. degree in systems simulation from the Chinese Academy of Aerospace Administration, and a B.S. degree in automatic control from Northeastern University, China. Dr. Li’s research interests include health system engineering, quality and security of information systems, knowledge discovery and engineering, human machine studies, and system modelling and simulation. He has been focusing on applying system and multidisciplinary approaches to the improvement and management of complex enterprises. His research has been extensively published in a variety of journals and conferences including knowledge engineering, information assurance, human computer interaction, design, etc. Dr. Li has been well recognized in a set of projects involving national and regional health service institutions, federal agencies, and industries. He is the senior member of the Institute of Industrial Engineers, the member of IEEE, the Association for Computing Machinery, and the Chinese Association for Systems Simulation, and Academic Advocate to the Information Systems Audit and Control Association (ISACA). Aside the research and educational activities, he enjoys sports, reading and travelling.
Yung-wen Liu, Ph.D., is an Assistant Professor in the Department of Industrial and Manufacturing Systems Engineering. Dr. Liu has been working on healthcare research/projects for eight years. The research/projects include OR capacity and patient flow evaluation, pelvic pain studies, sexual satisfaction analysis for treated prostate cancer patients, multi-staged disease progress modeling, and racial/ethnic disparity in healthcare quality and costs. The methods applied to the research/projects include statistical analysis, simulation, meta-analysis, cost-effectiveness analysis, stochastic and optimization modeling. The projects were done/are being worked through the collaboration with Mercy Hospital of Buffalo, University of Washington School of Medicine, Seattle Cancer Care Alliance, Henry Ford Health System, and John D. Dingell VA Medical Center. Some research results were published in the journals such as Journal of Urology, Clinical Journal of Pain, and Healthcare Issue in IIE Transactions. His research in disease progress modeling won the best student paper award in 2006 Society for Health System Annual Conference. He teaches statistics and simulation courses and helps students on healthcare related senior design projects at the University of Michigan-Dearborn.

Umit Topacan is a MA student in the department of Management Information Systems at Bogazici University, Istanbul, Turkey. He received his BS in Computer Education and Educational Technologies from the same university. His research interests include technology management, information technology adoption, health information services and service development. He has work experiences both of academia as a teaching and research assistantship; and private sector as IT consultant.

Nuri Basoglu is an Associate Professor in Department of Management Information Systems, Bogazici University, Istanbul, Turkey. His research interests are socio-technical aspects of IS, customer-focused product development, information technology adaptation and wireless service design, Intelligent adaptive human computer interfaces, information systems strategies. He has published articles in journals such as ‘Technology Forecasting and Social Change’, ‘Journal of High Technology Management’ and ‘Technology in Society’, ‘International Journal of Services Sciences’. Dr. Basoglu received his BS in Industrial Engineering, Bogazici University in Turkey, MS and Ph.D. in Business Administration, Istanbul University.

Tugrul Daim is an Associate Professor of Engineering and Technology Management at Portland State University. He is published in many journals including “Technology in Society”, “Technology Forecasting and Social Change”, “Int’l J of Innovation and Technology Management”, “Technology Analysis and Strategic Management”, and “Technovation”. Dr. Daim received his BS in Mechanical Engineering from Bogazici University in Turkey, MS in Mechanical Engineering from Lehigh University in Pennsylvania, another MS in Engineering Management from Portland State University and a Ph.D. in Systems Science-Engineering Management from Portland State University.

George E. Heilman is an Associate Professor of Management Information Systems at Winston-Salem State University’s School of Business and Economics, where he teaches information technology and accounting courses in the undergraduate, MBA and MHA programs. He holds undergraduate degrees from Purdue University, masters degrees in business administration and public affairs from Indiana University, and a Ph.D. in Computer Information Systems from the University of Arkansas. He has published a number of discipline-based and pedagogical articles and book chapters dealing with a variety of technology, finance and healthcare issues.
About the Contributors

Monica Cain is Associate Professor of Economics at Winston-Salem State University’s School of Business and Economics. She did her graduate work at Wayne State University, where she earned an M.S. in Community Health Services from the School of Medicine in 1995 and a Ph.D. in Economics from the College of Liberal Arts in 2002. Dr. Cain teaches undergraduate economics and graduate healthcare management courses. She has published several articles in the areas of community health and public healthcare management.

Russell S. Morton is an Associate Professor of Management Information Systems (MIS) at Winston-Salem State University. He received a PhD in MIS from the University of Kentucky in 1996. He started at WSSU in the fall of 1997 after teaching one year at the University of Indiana Southeast in New Albany, Indiana. He received a teaching award from the University of Kentucky and the first annual Business and Economics Award for Outstanding Achievement in Teaching at WSSU. His research has appeared in the International Journal of Electronic Business, the International Journal of Healthcare Information Systems and Informatics and the Journal of Computer Information Systems. He is the State Volunteer Chair for The Rocky Mountain Elk Foundation, a national habitat conservation organization, and serves on the board of the Huntsville Historic Preservation Society. Dr. Morton received a BSBA with emphasis in Labor Relations and MBA with emphasis in Information Systems from the University of Colorado at Denver. He was a long time employee of Caterpillar Tractor Company in Denver, Colorado before leaving to pursue his PhD.

Teemu Paavola, PhD, has worked in teleoperator business development, in academic life, and as a member of technology strategy group of Sonera Plc. He is currently Managing Director and CEO of LifeIT Plc, a consulting company owned by a Finnish health district and private parties, such as TietoEnator Plc. Dr. Paavola holds a research fellow position at Seinajoki Central Hospital, and he has contributed to numerous articles on information technology management, including the textbooks Tietotekniikan linkki liiketoimintaan (1999), Linking IT to Business - A Tale of Discovering IT Benefits (2001), Clinical Knowledge Management (2005), Managing Worldwide Operations and Communications with Information Technology (2007), Encyclopedia of Portal Technologies and Applications (2007), Exploring IT System Benefits in Health Care (2008) and Medical Informatics (2009).

Peter Stone is Professor of Maternal Fetal Medicine in the University of Auckland. His postgraduate training was in Britain, gaining a Doctor of Medicine based on Doppler studies in fetal growth restriction from the University of Bristol. After working in Wellington at the University of Otago for 11 years, where he set up the maternal fetal medicine service he moved to Auckland in 1998. He has been involved in Obstetrics, Maternal and Fetal Medicine and Women’s Health throughout his professional career. He has been a member of a number of Ministerial advisory groups most recently on the screening advisory groups for HIV and Down Syndrome as well as being a member of the National Screening Advisory Group for the Director General of Health. He is part of the ISTAR group which brought Mifepristone into New Zealand. He is a councillor for the RANZCOG and is currently Chair of the New Zealand Training and Accreditation Committee of RANZCOG. Research interests include fetal welfare assessment, ultrasound studies of the cervix in pregnancy, and early pregnancy development including implantation and trophoblast deportation. Other research interests include teaching quality improvement. Currently he is developing an ultrasound teaching programme for the Pacific in association with the RANZCOG and the Pacific Women’s Health Research Development unit set up in his Department in Middlemore Hospital.
Emma Parry is Clinical Director of MFM at Auckland District Health Board. Her main interests over the last few years have been induction of labour rates and the techniques used to achieve labour induction. Her MD thesis is titled ‘Induction of labour: How, why and when?’ She has also been involved in looking at Obstetricians’ views on induction of labour and caesarean section. She is a trained sub-specialist in Maternal-fetal medicine. Her clinical interests focus around high risk pregnancy and complex multiple pregnancy. She is leading a team of subspecialists in New Zealand setting up a MFM Network.

David Parry is a Senior Lecturer in the Auckland University of Technology School of Computing and Mathematical Sciences New Zealand. His PhD thesis was concerned with the use of fuzzy ontologies for medical information retrieval. He holds degrees from Imperial College and St. Bartholomew’s Medical College, London, Auckland University of Technology and the University of Otago, New Zealand. His research interests include internet-based knowledge management and the semantic web, health informatics, the use of Radio Frequency ID in healthcare and information retrieval.

Phurb Dorji is consultant in charge of the perinatal service Jigme Dorji Wangchuck National Referral Hospital, Thimphu, Bhutan. He has extensive experience in the development of services for the care of pregnant women in developing nations and a continuing interest in telemedicine. He was recently an invited speaker at the Asia and Oceania Federation of Obstetrics and Gynaecology Conference.

Jongtae Yu is a doctoral student in Business Information Systems at Mississippi State University. He holds a Masters degree in Marketing from the University of Alabama and MBA degree from Pukyong National University in South Korea. He worked as assistant researcher at KIOS research center in South Korea and was responsible for an economic evaluation and cost-benefit analysis for financial losses caused by damages from public development projects. His research interests include health care management information systems, telecommunications, and cross cultural global information systems. His current research projects include the identification of inhibitors and enablers in adopting digital multimedia broadcasting (DMB) and the adoption of ubiquitous banking services, which is expected to be the future banking service.

Chengqi Guo is an assistant professor of Computer Information Systems at the University of West Alabama, Livingston Alabama. He is also a doctoral student of Business Information Systems in the College of Business & Industry at Mississippi State University in Starkville, MS. He holds a Masters degree in Operations & Management Information Systems from Northern Illinois University. He has years of industrial experience as a business consultant and IS analyst working for large state owned company in China and Fortune 500 firm in United States. His research interests lie in virtual ventures, business telecommunication, mobile commerce, healthcare information systems, and cross cultural research. Some of his current research projects include ubiquitous banking service adoption, online social network, Web 2.0, and RFID implementation.
About the Contributors

**Mincheol Kim** is an associate professor in the Department of Management Information Systems at Cheju National University in South Korea. He was awarded a PhD degree in Operation Research & Management Information Systems from Korea University and a Masters degree in Health Policy & Management from Seoul National University in South Korea. He worked as researcher in Marketing Research Team at SK Telecom in South Korea and was responsible for marketing research and demand forecasting in Telecommunications Industry. His current research interests include ubiquitous healthcare, telecommunications and healthcare management. His current research projects include the entry strategy for telecommunication company and adoption of ubiquitous banking services.

**Roy Rada** is a Professor of Information Systems at the University of Maryland Baltimore County. Previously, he was Boeing Distinguished Professor of Software Engineering at Washington State University, Editor of Index Medicus at the National Library of Medicine, and Professor of Computer Science at the University of Liverpool. Rada has worked as a consultant on computer-supported diagnosis in pathology and radiology, led a team developing medical informatics standards, developed online training material for doctors, and consulted with insurance companies and hospital networks about compliance with government regulations related to information systems. Rada’s educational credentials include a Ph.D. from University of Illinois in Computer Science and a M.D. from Baylor College of Medicine. He has authored hundreds of scientific papers. His first journal article appeared in 1979 in “Computers and Biomedical Research” and described a novel coding system for medical problem statements. Since having been treated for cancer in 2003, he has devoted considerable effort to the role of information systems, particularly patient online support groups, in health care.