About the Contributors

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Raj Gururajan  PhD is Associate Professor, Faculty of Business, University of Southern Queensland, Toowoomba, Australia. His main area of research is user behaviour issues in using wireless technology, the management of technology and the diffusion of technology at enterprise level. Currently he is applying these interests to health settings. He has published over 100 refereed articles, won over $2 million in grant income, manages six funded projects and is supervising over 10 PhD students. He also holds 3 national competitive grants (ARC) in health informatics.

Laurence H. Baker  PhD is a clinical psychologist providing training, coaching and consultation in communication in health care. He is a Clinical Associate Professor of Medicine at the Oregon Health and Sciences University, the Western Regional Consultant for the Institute for Healthcare Improvement, and a Senior Consultant with CFEP UK Surveys. Dr Baker conducts research and publishes on psychological features of medical illness and health care. Recent articles include ‘What else? Setting the agenda for the clinical interview’, Annals of Internal Medicine, 2005 (with D. O’Connell & F. Platt), and ‘Effects of a physician communication intervention on patient care outcomes’, Journal of General Internal Medicine, 1996 (with S. Joos., D. Hickham,, & G. Gordon).

Rakesh Biswas  MD is a Professor of Medicine in the People’s College of Medical Sciences, Bhopal, India. He is actively involved in patient centered learning with an aim to create a learning network between patients, health professionals and other actors in a care giving collaborative process that has been termed 'user driven health care'.
Jacqueline Blake’s employment background is in business management with a private company in the construction industry. She gained a research Masters in 2006 and is currently engaged in a PhD project to develop a specialist e-health intelligent decision support system. Her research interests include e-health, electronic commerce and its impact on business processes; and the semantic web and knowledge management.

A. Broekema BSc studied Technical Informatics at the Hogeschool Drenthe in Emmen, the Netherlands and obtained a Bachelor degree in Higher Informatics at the Hanzehogeschool Groningen in the Netherlands in 2005. André Broekema worked in the Department of Radiology of the University Medical Centre Groningen in the Netherlands as Staff Assistant with a focus on Technical support PACS until the end of 2007. From January 2008 until now he has been working as a software developer within the group on medical informatics and image processing in a wide variety of development areas. André Broekema is co-author of 4 publications and 5 conference abstracts.

Claire H. Carter BSN RNC CPCE is the Coordinator of the Women’s Resource Center and the Tender Beginnings educational programming at Greenwich Hospital, CT. She received her Bachelor’s degree in nursing science from The College of New Rochelle, NY. She is a registered nurse and childbirth educator with over 20 years of experience in caring for pregnant women. She is certified in Inpatient Obstetrics, Childbirth Education and Fetal Monitoring. She is a member of Sigma Theta Tau International Honor Society of Nursing and AWHONN, as well as, local advisory health boards and philanthropic organizations. She has received several professional awards, including the Connecticut Nightingale Award for Excellence in Nursing.

Monte Cassim is President, Ritsumeikan Asia Pacific University. Since 2000, he has also been working on a cross-national collaborative program on inclusive design for aging and disability, which led to the development of the TACMIS (Total Access and Medical Information System) model. He also works on the digital archiving of knowledge. In the health care field TACMIS (inclusiveness in health care) and similar models can be used to suggest how best to generate data for producing useful knowledge relating to policy development, such as the aspects of care for the ageing society. The latter question is very important to Japan, and many countries in the region are eagerly observing the steps taken in this country to deal with the ageing society, and its impact on the natural environment.

Maryann Clark BSN RNC CCE graduated from Fairfield University in 1981 and began her career at Greenwich Hospital as a staff nurse. She then became an obstetrical nurse in 1984, and received certification in childbirth education. She established a childbirth education program for expectant parents and became a nurse educator for a large OB practice in Greenwich. She received certification in inpatient obstetrical nursing as well as fetal monitoring from NCC. She is currently practicing as a clinical resource nurse in labor and delivery at Greenwich Hospital as well as reviews medical malpractice cases in defense of nurses. She is currently pursuing her Master’s degree at Fairfield University and working on instituting BMV at Greenwich Hospital.

William Claster PhD was born in the United States. He graduated from Bard College with an undergraduate degree in Physics and from Temple University with a graduate degree in Mathematics. He was the President of Ablecommerce Japan KK, an IT software provider and has taught Mathematics
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Gavin J. Cooper is Housing Manager for the Waikato-Hauraki Region, Pathways New Zealand. The research for this chapter was carried out in conjunction with the Waikato Institute of Technology, Hamilton. Mr. Cooper has developed a holistic system for the treatment of environmentally induced mental illness that includes chemical treatment, exercise programs, self-help training and community support.

Miguel López Coronado PhD is a Professor at the University of Valladolid (Spain). He has a PhD in Telecommunications Engineering from the Polytechnic University of Madrid (1982). Since 1991 he has been devoted to the promotion of the Information Society in the Castille and Leon region from several positions: Director of the Technical School of Telecommunications, R&D General Manager of a Telecommunications Technological Centre and also CEO of a cable telecommunications operator. His research interests lie in understanding biomedical signals, Telemedicine, the Information Society, and he contributes to the promotion of the entrepreneurial character of the University.

Isabel de la Torre Díez MEng received a Degree in Telecommunications Engineering from the University of Valladolid, Spain, in 2003. Currently, she is an Assistant Professor in the Department of Signal Theory and Communications at the University of Valladolid, where she is working towards her PhD. Her research has been mainly focused on the development of telemedicine applications and EHR (Electronic Health Record) standards in ophthalmology.

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María Isabel López Gálvez PhD received her Degree in Medicine and her Ph.D. from the University of Valladolid in 1985 and 1991, respectively. She is currently an Associate Professor in Ophthalmology in the Department of Surgery of the Medicine Faculty at the University of Valladolid and also works in the University Hospital of this town as a clinician. Her main research interest is teleophthalmology from a clinical point of view and ocular diabetes. She is the director of the ocular diabetes unit at the Instituto de Oftalmobiologia Aplicada in the University of Valladolid. She is a member of the American Academy of Ophthalmology and the Spanish Society of Retina and Vitreous.

A. U. Jai Ganesh MSc MBA is an independent consultant with multi-disciplinary research interests in chronic disease management, public health, personalized healthcare informatics and disaster management. He is the Project Coordinator for the telemedicine and eHealth initiatives of a charitable
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Nader Ghotbi MD PhD was born in 1967 in Tehran, Iran. He entered Tehran University of Medical Sciences in 1985, and graduated in medicine to receive an MD degree (Doctor of Medicine) in 1992. After practicing medicine in the public sector for a few years, he was employed at the Research Deputy of the Ministry of Health & Medical Education to work on medical information and telemedicine. In April 2000, he went to Japan to study health economics at Kyoto University, and in March 2004, received a PhD degree in “modern economics” from the Graduate School of Economics. He has worked as a COE researcher at Kyoto University and the Medical School of Nagasaki University. In 2006, he joined Ritsumeikan Asia Pacific University and is currently an associate professor teaching epidemiology, preventive medicine, and environmental health as part of the Public Health Management program at the graduate school, and basic courses in biology, genetics, health science, and environmental chemistry at the undergraduate level.

Natanael Pereira Gomes MBA has completed his Masters in Business Administration at the Universidade Federal do Rio Grande do Norte, Brazil. He is an Associate Professor at the Universidade Federal de Pernambuco. He was public accounts analyst with the Tribunal of Public Accounts in Brazil. His areas of interests include budgetary control and public finance, and information technology use in the public sector.

Michael Greco PhD is Director of CFEP-UK Surveys based at the Innovation Centre, University of Exeter. CFEP is involved primarily with helping organisations and individuals to both measure and respond to feedback that makes a difference to patient-centred care. It does this largely through the provision of patient surveys and multi-source feedback (360 degree) to clinicians and healthcare organisations, and provides developmental training arising from the feedback. CFEP, in conjunction with the Peninsula Medical School, is working closely with the General Medical Council’s work on multi-source feedback. Prior to this role, Michael worked as the Director of Patient Experience for the National Primary Care Development Team (now Improvement Foundation) and as a patient experience associate with the previous National Clinical Governance Support Team. In Australia, he was both a Medical Educator and Quality Assurance Officer with the Royal Australian College of General Practitioners. Michael Greco holds honorary professor and senior research posts at the Peninsula Medical School (United Kingdom) and the School of Medicine, Griffith University (Australia). His academic background focused on healthcare, evaluation and clinical pastoral education, and includes a PhD in medical education and a Bachelor of Theology. Prior to his university posts, he was a Franciscan friar whose ministry included hospital and prison chaplaincy, and working with street kids and young offenders in rehabilitation programs.

Volker Haarslev PhD is Associate Professor in the department of computer science and software engineering at Concordia University, Montreal, Canada. Dr. Haarslev has broad international experience in the field of knowledge representation, man-machine interaction, reasoning and description logics. He is one of the principle investigators, working on implementation and optimization of the highly optimized description logics reasoner RACER and RacerPro (http://www.racer-systems.com/).
Abdul Hafeez-Baig is a Lecturer in Information Systems in the Faculty of Business at the University of Southern Queensland, Australia. Since joining USQ in 2004, he has published over a dozen refereed publications in the domains of health and education with technology as the main area of research. He is currently studying for his PhD with Professor Raj Gururajan in establishing factors that determine the adoption of wireless technology in healthcare settings. Abdul is very conversant with wireless technology as well as emerging technologies and learning management systems such as Moodle. He teaches information systems concepts to both undergraduate and postgraduate students, including MBA students.

Don Kerr PhD is an Associate Professor of Information Systems at the University of the Sunshine Coast, Australia. His research areas include intelligent decision support systems development, implementation and evaluation. He has research interests in health informatics and is specifically interested in the decision making in a health setting. He has extensive industry experience and has been commissioned to do consultancies for industries such as Dairying, Cotton and Railways. Dr Kerr has written 61 peer reviewed publications and has obtained competitive research grants from the Australian Research Council and Dairy Australia. His PhD was multi-disciplinary in nature in that it incorporated statistical and heuristics modeling with decision support development. Mihai Lazarescu PhD is currently working as a Senior Lecturer at the School of Computing at Curtin University of Technology in Perth, Western Australia. He is also the Computer Science course controller. He started university studies in 1992, gaining his Bachelor of Science Degree (major in Artificial Intelligence) in 1995 which was then followed by First Class Honours in 1996, and his PhD was awarded in April 2000. His main interests are machine learning (particularly incremental learning), image processing and natural language processing. Edwin Wen Huo Lee MS is Manager of the Intel Innovation center in Kuala Lumpur, Malaysia and is deeply interested in health informatics and learning promotion in health care. He has recently begun a company called Health Connect to further the goals of user driven health care.

Christopher S. C. Lim PhD obtained a Diploma in Mechanical Engineering from Ngee Ann Polytechnic, Singapore in 1996 followed in 2002 by a First Class Honours from the jointly run University of Glasgow/Glasgow School of Art BEng program in Product Design Engineering (PDE). His final year project was design registered and was also submitted for the Nuance Design Award. He was awarded a departmental scholarship in 2002, an Overseas Research Scholarship in 2003, and 2nd prize in the Scottish Institute of Enterprise business competition. He obtained his PhD in 2008 for his thesis ‘Taking account of age and generation effects: implications for inclusive design’. He has worked as a teaching assistant for the PDE program, as a design research seminar coordinator, and is currently a researcher in Nomad-RDC, a Glasgow-based design consultancy. He has published and co-authored a number of academic papers from his PhD study.

David Loudon MEng is a research assistant in the School of Design at the Glasgow School of Art. He has a First Class Honours MEng in Electronics and Software Engineering from the University of Glasgow. His current research is as part of a New Dynamics of Ageing funded project investigating the value of visualising dynamic biomechanical data to inform healthcare and design guidelines and strategy. In previous years, he has been research assistant on an EPSRC EQUAL funded multidisciplinary project and technical support on an AHRC/EPSRC Designing for the 21st Century funded research cluster. His research interests are in human modelling and visualisation for design and healthcare.
About the Contributors

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San Murugesan PhD is a professor at Multimedia University, Malaysia; an Adjunct Professor in the School of Computing and Mathematics at the University of Western Sydney, Australia; and an independent business, IT, and education consultant. Dr. Murugesan's expertise and interests include Web 2.0 and 3.0, green computing, mobile computing, Web engineering, information retrieval, e-business, innovation,
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A. Narayanan PhD graduated from the University of Aston in Birmingham with a BSc in computer science, philosophy and linguistics in 1973 and completed his PhD at the University of Exeter, both in the UK. He was Lecturer in the Department of Computer Science at the University of Exeter and Head of Department during the late 1980s, and elected Dean of Science in 1996 and Dean of the Undergraduate Faculty from 1998 to 2002. He was awarded a personal chair in 2001 for his research in artificial intelligence, quantum computing and bioinformatics. In 2005 he joined the University of Portsmouth as Head of the School of Computing before being appointed as Head of Computing and Mathematical Sciences at AUT in July 2007. He has written several books and over 70 refereed journal and conference papers in artificial intelligence, computational statistics and machine learning.

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Kevin Smith MPhil is translational research leader with the National Digital Research Centre,
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