About the Contributors

**Aileen Cater-Steel** is Associate Professor in Information Systems and Chair of the IS Research Committee in the Faculty of Business at the University of Southern Queensland, Toowoomba, Queensland Australia. She is an executive member of USQ’s GO WEST team – a group providing support and mentoring to female students and staff in disciplines traditionally dominated by men. Dr Cater-Steel has previously published two edited books, one on IT Governance and Service Management and the other on Information Systems Research. Her work has been published in many international journals including the Communications of the ACM, Information and Software Technology, International Journal of IT Standards and Standardization Research and she has presented at many international conferences. She is the Chair of the local chapter of the Australian Computer Society. Her research interests include IT Governance, IT Service Management, e-Commerce adoption, Software Process Improvement and gender issues related to the participation of women in engineering, science and technology disciplines.

**Emily Cater** has a B.Bus degree (Marketing) from Queensland University of Technology, but has drifted into finance and works in the insurance industry in Bristol, UK. Her interest in gender issues has always been evident, and was (optimistically) voted ‘most likely to achieve equal rights for women’ in high school, which she successfully petitioned to have changed to ‘equal gender rights for all’. Ten years on, she is astounded that the situation has changed so little in her first decade of professional life. She plans on being more than just optimistic in her second decade.

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**Jan Bogg** is Academic Sub Dean and Research director of the Breaking Barriers program, both positions at the University of Liverpool, UK. Breaking Barriers is a significant program of research that began in 2004. Breaking Barriers is an ongoing program of research that addresses career progression, barriers and drivers for women in science and equity and diversity issues in the workplace. Jan is supervising Julie Prescott’s, PhD thesis, developed as a stem emerging from the Breaking Barriers project. Jan is duel qualified as an organizational and health psychologist, her research areas are in the area of workforce issues and psychometrics and global testing.

**Daryl E. Chubin** is Founding Director, beginning August 2004, of the AAAS Center for Advancing Science & Engineering Capacity at the American Association for the Advancement of Science. His career spans more than 35 years in the academic, federal, and nonprofit sectors. With a Ph.D. in sociology from Loyola University (Chicago, 1973), he is the author of eight books and numerous policy reports.
and articles on science and education policy, program evaluation, careers, and workforce development in science and engineering. He is a AAAS Fellow, a Fellow of the Association for Women in Science, a 2006 QEM Giant of Science, a Sigma Xi Distinguished Lecturer 2007-2009, recipient of the Washington Academy of Sciences’ 2008 Social and Behavioral Sciences Award, an alumnus or member of three nonprofit boards, an editorial advisor for three journals, a long-time consultant to corporate and philanthropic foundations, a member of various committees of The National Academies, and has been an adjunct professor in the Cornell in Washington Program since 1991.

**Shelia R. Cotten** is an Associate Professor in the Department of Sociology at the University of Alabama, Birmingham. In addition to studying gender issues in STEM, Dr. Cotten's research examines technology usage across the life course and the social and health impacts of this usage. Her research is currently funded by the National Science Foundation and the National Institute on Aging.

**Carla Dal Sasso Freitas** received her PhD degree in Computer Science, in 1994, from Universidade Federal do Rio Grande do Sul, Brazil, where she works since 1980. She is currently associate professor, involved in teaching Computer Graphics, Information Visualization and Human-Computer Interaction, both at undergraduate and graduate levels. During the last 6 years, she was part of the board of directors of the Brazilian Computer Society, SBC. Her research efforts are mainly Data and Information Visualization, and 2D and 3D Interaction, subjects on which she has actively published journal and conference papers and book chapters, as well as coordinated projects including international cooperation projects with institutions from France and Belgium.

**Sunrita Dhar-Bhattacharjee** (MA) is an experienced Research Fellow with over eight years experience of working in knowledge-based industries in India, Cyprus, Germany and U.K. Principal research and teaching interests lie in the fields of equality and diversity, industry engagement with education, community development, project management, and gender studies in SECT (science, engineering, construction and technology). She is currently involved in a doctoral research on ‘Comparative gender segregation: UK and India’ and has been working with the construction industry in various equality and diversity issues for the past few years. She is co managing the NWDA Equality and Diversity Guidance Note for Sustainable Buildings and Women and Work project (2009-present). Sunrita has worked on a range of Equality and Diversity research projects funded by different bodies including Women in Engineering (2004-2005), Women in Audio Visual Engineering (2005-2006), training and services delivery for the Housing Sector (2007-2008) and the Construction Knowledge Exchange (2009).

**Susan Durbin** is a Senior Lecturer and Researcher at the Centre for Employment Studies Research, Business School, University of the West of England, Bristol, UK. Her current research interests and publications are in the areas of senior women's careers, networking and work-life balance; the career trajectories and networking behaviours of female part-time managers; the gendering of knowledge and knowledge work; equality and diversity; and employee involvement and participation in high performance workplaces.

**Jessica Guth** has an LLB law degree from Leicester University and completed the legal practice course at Nottingham Trent Law School before working in general high street legal practice for 2 years. She then completed a Masters Degree in Social Research at the University of Leeds. Following 3 years as
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an empirical socio-legal researcher at the Centre for the Study of Law and Policy in Europe, University of Leeds, she took up a lectureship in law at the Bradford University Law School. Jessica has a postgraduate certificate in Higher Education Practice and is a fellow of the Higher Education Academy. She teaches Employment Law and European law and continues to work on socio-legal empirical research projects in both those fields.

**Donna M. Handley** is an Assistant Professor of Government at the University of Alabama at Birmingham Master of Public Administration program. She is chair-elect for the Southeastern Conference of Public Administration. She also serves on the board of the American Society for Public Administration Section for Women in Public Administration. Her research focuses on intergovernmental fiscal relations and federal/local performance measurements, as well as women in the STEM fields, in particular Public Administration.

**Zuraini Ismail** started her tertiary education with Diploma in Computer Science (1981) at University Technology MARA. She obtained her Bachelor of Science in Computer Management Systems (1984) at Southern New Hampshire, United States of America and a Masters in Computer Management Science (1987) from University of New Haven, Connecticut, United States of America. She further awarded PhD in Management Information System (2007) at International Islamic University Malaysia. Currently, she is a Senior Lecturer at College of Science and Technology (CST), University Technology Malaysia International Campus Kuala Lumpur. In addition, she holds administrative post as CST’s IT Manager. Her present research interest includes Information Security Policy, Information Security - Awareness and Ethics, Physical Security Operations and Management, Cyber Security, Knowledge Management, Information Systems and IT Outsourcing. Her research publications have appeared, among others, in Journal of US-China Public Administration, and ACM SIGCAS Computers and Society.

**Birgit Loch** is a computational mathematician and Senior Lecturer in the Department of Mathematics and Computing at the University of Southern Queensland. Apart from her mathematical research area of surface fitting, her current research interests are in technology enhanced learning and teaching. She is leading technology focused projects at USQ, such as an inter-faculty trial of tablet PCs and testing and implementation of lecture recording software. She has a secondment with the Division of ICT Services as Principal Advisor Learning & Teaching.

**Anne Manuel** is the Librarian and Archivist at Somerville College University of Oxford and teaches Legal and Government Information Management at the University of the West of England. Her professional career spans the fields of accountancy, academic administration, digital library development and traditional library management. She holds an LLB from Reading University and Master’s degrees in Medieval Studies, Research Methods and Information and Library Management from the University of Bristol. Her PhD in Gender and Higher Education is also from the University of Bristol. Research interests include gender inequality in higher education, gender and technology, information management and technology use and Web 2.0 applications in libraries.

**David Maree** is professor in Psychology at the University of Pretoria. He is responsible for training research psychologists and lectures postgraduate students on research methods, test development and cognitive psychology. His fields of interest include philosophy of science especially the application
of Critical Realism to Psychology, and the utilisation of Item Response Theory in psychological test construction. Recently he and his co-author, Marinda, published research on assessing hope and goal-orientation as a psychological construct.

**Marinda Maree** is working at the Institute for Women's and Gender Studies at the University of Pretoria where she is amongst others responsible for a number of gender-related projects and training. She was involved in projects on women in science as project leader and researcher. Recently she co-authored published research on sexual myths amongst communities in South Africa. She has an MA-degree in Medical Social Work and an honours degree in Psychology. She is an experienced group therapist and life-skills educator.

**Maslin Masrom** is a Senior Lecturer in College of Science and Technology at University Technology Malaysia International Campus Kuala Lumpur. She received her Bachelor of Science in Computer Science (1989) at University Technology Malaysia. She further received her Master of Science in Operations Research (1992) at Western Michigan University, United States of America. She pursued her Ph.D. in information technology/information system (IT/IS) Management and obtained the degree (2003) at University Putra Malaysia. Her current research interest includes Information Security and Ethics, Security Management, and IT/IS Adoption/Acceptance using Structural Equation Modelling Approach. She has published, among others, in Information & Management, Oxford Journal, International Journal of Cyber Society and Education, Journal of US-China Public Administration, and ACM SIGCAS Computers and Society.

**Mirella M. Moro** is an assistant professor at the Computer Science department at UFMG (Belo Horizonte, Brazil). She holds a Ph.D. in Computer Science (University of California Riverside - UCR, 2007), and MSc and BSc in Computer Science as well (UFRGS, Brazil, 2001, 1999). She is the Education Director of SBC (Brazilian Computer Society) and is the editor-in-chief of the new electronic magazine SBC Horizontes, which focuses on career in Computer Science. She is also a member of ACM, ACM SIGMOD, ACM SIGCSE, IEEE, IEEE WIE, and MentorNet. Mirella has been working with research in Computer Science in the area of Databases since 1997. Her research interests include hybrid XML/relational modeling, XML query optimization, stream processing, content-based dissemination systems, temporal databases, versioning management, and schema evolution.

**Raymond Papp** is an associate professor in the Information Technology and Management department in the John H. Sykes College of Business at the University of Tampa. Dr. Papp completed his doctorate in Information Management at Stevens Institute of Technology. His dissertation, “Determinants of Strategically Aligned Organizations: A Multi-industry, Multi-perspective Analysis” is an empirical investigation into the determinants of strategic alignment. His research interests include Strategic Alignment, IT for Competitive Advantage, and Pedagogical Issues in IT. His book Strategic Information Technology: Opportunities for Competitive Advantage highlights the use of information systems to achieve competitive advantage and contains numerous cases and research on strategic information systems. He has published in numerous journals including Annals of Cases on Information Technology, Communications of the AIS and Industrial Management and Data Systems as well as presented at national and international conferences.
Julie Prescott is studying for a PhD in the School of Population, Community and Health, at the University of Liverpool, UK. The PhD study is looking at the career aspirations and motivations of women working in the computer games industry. Prior to undertaking her PhD, Julie was a researcher on the Breaking Barriers in the workplace project at the University of Liverpool. Julie’s background is in psychology and women’s studies and she has a particular interest in women’s careers, especially in terms of barriers and drivers, occupational segregation and the experiences of women working in male dominated occupations.

Natalie Sappleton (MA) is a doctoral researcher at Manchester Metropolitan University. Natalie graduated from The University of Glasgow in 2002 with First Class Honours in Economics and Politics, and began a career in Policy and Research. In 2003, she began working at the Equal Opportunities Commission on an Investigation into occupational segregation and gender stereotyping in science and engineering. Since then, she has worked at Manchester Metropolitan University and the University of Salford on research projects relating to gender and the labour market. Her doctoral research is investigating whether the networks of male and female entrepreneurs operating in gender atypical industries differs from those of business owners in gender typical sectors, and whether this has an impact on their performance of their businesses. Natalie is currently a short-term scholar at the Kluge Center, Washington DC.

Ruta Sevo served as Senior Program Director for the program Research on Gender in Science and Engineering at the U.S. National Science Foundation from 1998 through 2005. Dr. Sevo managed funding at the level of $10 million per year and oversaw about 150 grants in amounts from $100,000 to $1.5 million. She initiated the publication of New Formulas for America’s Workforce: Girls in Science and Engineering. She served as staff to the Commission on the Advancement of Women and Minorities in Science, Engineering and Technology (CAWMSET) in 1999. Before that, she was an executive level information technology manager and specialist at the National Science Foundation, and a systems librarian and systems planner at the Library of Congress. Dr. Sevo has published in science and education policy and is currently consulting and serving on project advisory boards. Her education includes an M.A. in library and information systems and an M.A. and Ph.D. in South Asian area (civilization) studies, all from the University of Chicago.

Taisy Silva Weber received her PhD degree from the Karlsruhe University, Germany, in 1986. She is an associate professor at Universidade Federal do Rio Grande do Sul. During 7 years, she was part of the board of directors of the Brazilian Computer Society, SBC. After that, she served as a member of the council during 4 years. Her research has focused on dependable distributed systems and especially on dependability evaluation using fault injection, subjects on which she has authored and coauthored more than 100 papers. She is currently vice-coordinator of the Computer Science Undergraduate Course at UFRGS. Recently, a secondary thread of her research is the little participation of girls in graduation courses in all fields of Computer Science and means to widen this participation.

Haifa Takruri-Rizk (MBE, PhD, MIET, MBCS, FHEA) is a senior lecturer in the School of Computing, Science and Engineering at the University of Salford, UK. Her current technical research is within the Computer Networking and Telecommunications Research group, focusing on the develop-
ment of wireless sensor networks for varied applications. Haifa has recently been awarded an MBE for her services to women in science, engineering and technology (SET). For many years she has been an advocate for the promotion of the contribution of women in ST, and in particular encouraging young women to study SET subjects. She is currently leading research investigating the factors contributing to the under-representation and the leaky-pipeline phenomena of women in SET and their lack of progression into SET careers. In the last a few years, she led a number of projects in this area including the Women Audio Video Engineers (WAVE) project, the Women in North West Engineering (WEWIN) project and the Developing Female Engineers (DFE) project.

**Natasha F. Veltri** is an Assistant Professor of Information and Technology Management in the John H. Sykes College of Business at the University of Tampa. She completed her MBA with concentration in Finance and Ph.D. in Management Information Systems at the University of Central Florida. Her research interests include Information Technology sourcing and governance, adoption of information systems and societal impacts of IT. Her current research efforts are focused on social networking, gender issues in IT and IT-enabled interorganizational collaboration. She has presented at national and international conferences and her research appeared in California Management Review, International Journal of Human-Computer Interaction and DATABASE for Advances in Information Systems.

**Harold W. Webb** is an Associate Professor and Chair of the Information and Technology Management Department of the John H. Sykes College of Business at the University of Tampa. He earned his Ph.D. from Texas Tech University in the area of Management Information Systems. Dr. Webb specializes in research on software testing, electronic commerce, and the impact of information technology on learning. His software testing research has focused on behavioural issues associated with the testing process and the resulting implications for managers. With electronic commerce, his interests are directed at the measurement of quality in business to consumer Web sites. With information technology and learning, he has two interest areas: the impact of technology on the individual learner and academic–industry collaboration in the adoption of advanced information technologies. His publications include journal articles, book chapters, numerous conference proceedings, and a technical report for the Department of Defence.

**Gwen White** is an Associate Professor of Computer Literacy and Information Technology at Gateway Community and Technical College in Northern Kentucky. In addition she teaches Information Technology courses at Xavier University in the Williams College of Business and at DeVry University. She is an entrepreneur and former owner of SMA Computers, Inc. Her interests include educational technology, Six Sigma and developing inroads for women in technology. Mrs. White has degrees from Miami University (’86) Political Science, University of Cincinnati (’90) Master of City Planning/Economic Development, Morehead State (’03) MBA in Computer Information Science and is currently enrolled at Walden University in the Applied Management and Information Science Ph.D. program.

**Vicki Winstead** holds a B.A. in social psychology and is currently a second year doctoral student in Medical Sociology at the University of Alabama in Birmingham, Alabama. Her research interests include women in STEM fields, neighbourhood context and health, and technology use by senior adults.
Alexandra Winter is a Principal Policy Officer with the Queensland Government’s Office for Women. She has worked on delivering the Queensland Government’s Smart Women – Smart State Strategy and the Women in Hard Hats policy initiative, as well the Women on Boards Strategy.

Fran Wright has a BA (Honours) degree in History from the University of Stirling, an LLB from the University of Auckland and an LLM from Victoria University of Wellington. She has taught law at Worcester College, Oxford, University of Waikato, Victoria University of Wellington and, most recently, Bradford University Law School. Fran teaches modules in Criminal Law, Equity and Trusts, Legal History and Law and Society. Her research interests include criminal law and law and disability.

Elizabeth Yost is a fourth year doctoral student in Medical Sociology at the University of Alabama, Birmingham. Her research interests focus on the effects of gender and education on mental health, and the impact of technology on health.