About the Contributors

Andrew Cashin is a Mental Health Nurse Practitioner and Professor of Nursing at Southern Cross University. He holds Adjunct Professor positions at Charles Darwin University and the University of Technology Sydney.

Robyn Cook is a Registered Nurse who has 20 years experience working in health informatics in the public health system in Australia prior to joining Sidra at the beginning of 2009. She has been active in the health informatics community including holding positions of Past Chair, Nursing Informatics Australia, the Australian representative to IMIA NI and past board member of Health Informatics Society of Australia. Robyn is also an Honorary Associate, Faculty of Nursing, Midwifery and Health, University of Technology, Sydney Australia.

Suzanne Bakken has contributed to the field of nursing informatics for 30 years. She has published more than 120 peer-reviewed papers. She currently directs a research centre focused on use of informatics for self-management (P30NR010677) and a pre- and post-doctoral informatics research training program – both funded by the National Institutes of Health. She is a fellow of the American Academy of Nursing and American College of Medical Informatics and an elected member of the Institute of Medicine.

Jaime Bland has eight years working in the MENA region. Prior to joining Sidra in 2008, she worked on contract with the US Army and worked to establish the clinic operations in Qatar. She has a Master’s of Science in Nursing (Informatics) from Excelsior College, Albany, NY.

Laura Burke is the Director of Nursing Research and Scientific Support at Aurora Health Care, and leader of the Aurora Implementation Team for the Aurora Health Care, Cerner Corporation, and UW-Milwaukee College, ACW partnership project, known as the Knowledge-Based Nursing Initiative (KBNI). She is also Co-Investigator of the AHRQ ACTION Contract: "Using Evidence-based Nursing Practices and Electronic Health Record (EHR) Decision Support to Reduce Fall-related Patient Injuries in Acute Care.

Steven Campbell is Head of the School of Health at the University of New England, NSW. He graduated from the School of Nursing at Manchester University in 1981. His academic appointments have ranged from Newcastle Polytechnic to the University of Southampton and Northumbria University.
He is a visiting Professor at Bournemouth University. He was the founding chair of nursing practice at Northumbria University in collaboration with City Hospitals Sunderland NHS Foundation Trust. Steve was the NHS R&D Director and remains on its board. His prime interest remains the facilitation of the use of academic skills to change practice. This is reflected in his 80 or so journal articles and book contributions. He is editor in chief of two journals, and is a member of the Nursing Research Journal’s Editorial Advisory Committee.

Michael Carey is a philosopher. He has been a member of the Faculty of Nursing, Midwifery and Health, UTS, and its predecessor Department of Nursing Studies, Kuring-gai CAE, since 1986. He was a member of the Philosophy Department, University of Queensland, for ten years prior to 1986. He is mainly involved in teaching ethics and introductory health care law. He has strong interests in health care ethics, moral and political philosophy, and epistemology.

Sam Chenery-Morris is a midwifery lecturer at University Campus Suffolk; she was also a post graduate interprofessional healthcare student at the time this article was written.

Elizabeth Devine is a Professor at the University of Wisconsin-Milwaukee. She is an expert in meta-analysis who has had had over $1,000,000 in federal and foundation grants to support her research. Her current primary research interests are evidence-based practice and evidence synthesis. Dr. Devine served for several years as the Director of Evidence Synthesis for the Aurora Health Care, Cerner Corporation, and UW-Milwaukee College, ACW partnership project, known as the Knowledge-Based Nursing Initiative (KBNI). Currently, she is a consultant on Evidence Synthesis for the KBNI.

Sisira Edirippulige is the Coordinator of e-Healthcare programs at the Centre for Online Health (COH), University of Queensland (UQ), Australia. Dr Edirippulige has PhD from the University of Auckland, New Zealand and the National Academy of Sciences in Russia. His main responsibilities at the University of Queensland include teaching and coordinating of undergraduate and graduate courses in e-Healthcare. He is also responsible for coordinating Continuing Professional Development (CPD) courses in telehealth offered at the COH. His research interests include e-health education, integration of e-health in healthcare practices and e-learning. Before joining the UQ, Dr Edirippulige taught at Kobe Gakuin University in Japan and the University of Auckland in New Zealand. He has extensive experience in Development Studies working in a number of countries including Russia, Sri Lanka, South Africa, Japan and New Zealand.

Scott Erdley is currently the Patient Simulation Laboratory director. He was previously co-director of the Patient Simulation Center, Nurse Anaesthesia Program, School of Nursing, University at Buffalo, SUNY. Dr. Erdley not only has a long history with high-fidelity simulations, but also with nursing & health informatics and mobile technology since 2000.

Cathrine Fowler holds the Tresillian Chair in Child and Family Health and is a member of the Centre for Midwifery, Child and Family Health at the University of Technology (Sydney). Cathrine is a child and family health nurse who has extensive education experience in the provision and development of professional, parent and community education. Her clinical and research interests include working with families who have complex and multiple vulnerabilities.
Iain Graham, Professor of Nursing, is the current Head of School for Health and Human Science, at Southern Cross University. Professor Graham is an Adjunct Professor in Nursing to Vanderbilt University in Nashville, Tennessee, USA; University of Northumbria, Newcastle, England; and University of Technology, Sydney, NSW. He holds fellowships with the European Academy of Nurse Scientists and the Royal Society of Health. He has also been an active project lead for Sigma Theta Tau International (an organisation set up to improve nursing care worldwide) to promote global leadership for nurses, the Nurse Honours Society. From 2005-2007, Professor Graham was President of the Consortium of Higher Education, Health and Rehabilitation Educators, a European-based organisation promoting interprofessional education within health care.

Nicholas Hardiker has been involved in nursing informatics research for nearly 20 years. He provides academic leadership within Salford Centre for Nursing & Midwifery Research and has presented and published widely on a range of informatics-related topics. He is currently eHealth Adviser to the Royal College of Nursing (UK) and acts as a consultant to the International Council of Nurses.

Ellen Harper is a senior director and Chief Nursing Officer at Cerner Corporation. She is a member of the executive group for the Aurora-Cerner-University of Wisconsin-Milwaukee (ACW) Knowledge-Based Nursing Initiative.

Mike Hazelton was appointed Professor of Mental Health Nursing at the University of Newcastle, Australia in 2001. He is a past Editor of the International Journal of Mental Health Nursing and has published over 50 book chapters and articles on nursing, mental health nursing and the sociology of health. In 2004 Mike was made a Life Member of the Australian College of Mental Health Nurses, the highest honour conferred by that professional organisation.

Gail Heaberg is the founder and executive director of the nonprofit AIS for Health, Inc., and adjunct faculty at Georgia Southern University. She earned her Doctor of Public Health from the University of North Carolina at Chapel Hill. In 2006 she established AIS for Health to develop tools and services that help diverse community organizations address and research urgent health, education, and socio-economic needs. The ‘AIS’ in AIS for Health stands for ‘Augmenting and Integrating Systems.’ Its goal was to begin opening up our many bureaucratic silo’s, so together we could infuse existing resources and expertise to better support our local civic, faith-based, and nonprofit organizations – Georgia’s grassroots ‘champions for change.’ Dr. Heaberg is also a retired veteran with 28 years’ service in the U.S. Air Force and Navy Nurse Corps as a family nurse practitioner and senior nurse administrator.

Mary L. Hook is a Research Scientist for Aurora Health Care. She is a key member of the Aurora-Cerner-UW-Milwaukee (ACW) Knowledge-Based Nursing Initiative (KBNI) with responsibility for knowledge development, clinical and information system design, building, testing, training, implementation and evaluation of clinical, documentation, and decision support processes.

Dukyoo Jung graduated with her Bachelor of Science and Master of Science in Nursing from Ewha Womans University, Seoul, Korea. Ph.D was obtained from University of Maryland, Baltimore in US. Research areas are gerontological nursing and nursing education.
Virpi Jylhä is a researcher affiliated with the Department of Health and Social Management at the University of Eastern Finland. Currently she is a PhD student in health and human services informatics. Prior to her PhD-studies, she has completed a master degree in health and human services informatics and bachelor degree in physiotherapy. Her current research interests include patient safety, information management and the use of information and new technologies in decision-making. Specialising in evidence-based social and health care, Virpi Jylhä teaches on both undergraduate and MSc levels.

Ulla-Mari Kinnunen is a researcher in the Department of Health and Social Management at the University of Eastern Finland. Previously she worked several years in various nursing development projects. She has a twenty-years of experience in surgical nursing and her speciality is wound care. Currently she is a PhD student in health and human services informatics. She has completed a master degree in health and human services informatics and bachelor degree in nursing. The interest of her research is in nursing documentation and terminologies, and how new innovations can help nurses in documentation.

Robert Lucero received health services research training at the University of Pennsylvania Centre for Health Outcomes and Policy Research and postdoctoral training at the Columbia University Centre for Evidence-Based Practice in the Underserved. His research is focused on the quality of care, knowledge discovery in clinical databases, and clinical decision support in hospital and community settings. He currently leads a National Institutes of Health study to develop and test a computer-based module that will target assessment and management of fall-risk and injury in the elderly.

David Lyle is a Public Health Physician who has worked in public health practice, as an academic and as a medical epidemiologist with the NSW Health Department. He has a strong research and health service development background. In 1995 David moved from Sydney to Broken Hill to establish the Rural Health Training Unit. This has subsequently expanded to become a USyd Broken Hill Department of Rural Health. As head of the BH UDRH, David is responsible for a multi-professional academic unit located in far western NSW, one of eleven departments established by the Commonwealth Government around Australia since 1997. In 2003 he established a centre for remote health research with the former Far West Area Health Service (now Greater Western Area Health Service) and as a member of the Australian Rural Health Research Collaboration, which is funded as part of the NSW Health Capacity Building Infrastructure Grant program.

Denise McGarry is a Registered Psychiatric Nurse. She is involved with the initial introduction of students to mental health nursing, working with students both in the tertiary sector through work with the Faculty of Nursing Midwifery and Health, UTS and the clinical arena as Nurse Manager (Education). Denise’s interests include clinical placements, the use of simulation in teaching mental health concepts, communities of learning, history of psychiatric treatment and interventions for physical illness co-morbidities experienced by mental health consumers.

Judy Murphy is Vice President – Information Technology at Aurora Health Care, a not-for-profit health care provider and national leader in efforts to improve the quality of health care. She oversees the application software supporting clinical and business operations at Aurora’s acute care facilities, including the nursing applications and KBNI. Ms. Murphy is a fellow in the American College of Medical Informatics and the Healthcare Information Management System Society. In 2009, she was appointed to serve on the HIT Standards Committee, a federal advisory body to the Office of the National Coordinator for Health IT in the United States.

Peter Murray has nearly 30 years healthcare experience, originally as a coronary care nurse before moving into education and health informatics. His MSc and PhD research explored nurses’ use of electronic communications. He has taught nurses and other health professionals, through face-to-face, distance and virtual education modalities, most recently focusing on health informatics and research. He has recently been teaching an MSc in Health Informatics in South Africa. He has an active interest in exploring and promoting the use of free/libre and open source software (FLOSS), and is also actively engaged in exploring the use of Web 2.0 and social networking technologies. He has been UK representative to IMIA and the IMIA Nursing Informatics SIG, and remains actively engaged in international nursing informatics; he has held several IMIA Board posts, and is currently IMIA’s Executive Director.

Martyn Patfield is a psychiatrist with over 25 years experience as a medical practitioner and nearly fifteen as a consultant psychiatrist. For the last ten years he has been based in Orange, fulfilling a number of roles in various psychiatric sub-disciplines including acute, community, administrative and forensic psychiatry. For the last two years been the director of the Mental Health Emergency Care Rural Access Programme. He is the coordinator of psychiatric training for the School of Rural Health, Sydney University Medical School, Orange. He provides psychiatric consultation at the Bathurst Correctional Centre and also for the community mental health services at Parkes and Forbes.

David Perkins has held academic appointments at the Universities of Kent (UK), Wollongong and New South Wales and was a senior manager in the UK NHS. His research interests include primary mental health care and models of service delivery in rural and remote areas. Recent publications include narrative systematic reviews of integration of care, the role of generalists in primary mental health care and the effectiveness of linkages between primary and specialist providers (with J Fuller). He is currently researching the physical care of patients with chronic and enduring mental health problems. David is Director of the Australian Rural Health Research Collaboration, a deputy editor of the Australian Journal of Rural Health and an associate editor of the International Journal of Integrated Care. The Centre for Remote Health Research conducts research in primary mental health care, rural workforce development and “living with lead”.

Russell Roberts is the Greater Western Area Health Service Director for Mental Health and Drug&Alcohol Services. He is a supporter of health research and the endeavours to use research findings to advance mental health care provision. His various achievements include the development of MHEC-RAP, an innovative mental health emergency service using video technology of live remote assessments, the development of an Aboriginal Mental Health Worker Training Program, the development of an integrated primary mental health care service in remote NSW supported by visiting psychiatrists,
about the contributors

and the introduction of a leading workforce development program which includes supervision for all
central and remote clinical staff.

Kaija Saranto, PhD, RNT, RN has launched the first master's degree programme in health and hu-
man services informatics in Finland in 2000 following the international development in the field. She
has actively promoted the educational premises for both university level and continuing education stu-
dents. Dr. Saranto has a number of memberships both in academic and expert groups focusing on ICT
use in the society. Her research interest is the role of classifications in EHRs as well as educational and
organizational issues in information system implementation. Currently she is leading a research group
focusing on Medication Information Management in EHRs. She is the past president of the Finnish
Health Informatics Association under the IMIA and currently Dr. Saranto is the president of Acendio.

Kyung Rim Shin graduated in 1976 with her BSN from Ewha Womans University, Seoul, Korea.
In addition, she obtained her MEd. and Ed.D from Teachers College, Columbia University, New York,
the United States. Currently, Kyung Rim Shin is a president of Korean Nurses Association, director of
Korean Accreditation Board of Nursing, and the 1st vice president of Korean National Council of Women.

Su Jin Shin graduated in 1996 with her Bachelor of Science in Nursing from Ewha Womans Uni-
versity, Seoul, Korea. She worked for 5 years at Asan Hyundai Hospital in ICU unit as a staff nurse. She
obtained Master of Science in Nursing, and Ph.D in Ewha Womans University, Seoul, Korea. Interested
research areas are cardiovascular nursing, resilience of cardiovascular patients, and nursing education.

Roy L Simpson, Cerner Corporation’s Vice President, Nursing, has more than 30 years of experience
in nursing informatics and in senior executive administration. He pioneered the development and funding
of the Werley and Lang Nursing Minimum Data Set (NMDS), which is a minimum set of nursing data
elements with uniform definitions and categories approved by the American Nurses Association. Roy
lectures extensively around the world, and has published more than 600 articles on nursing informatics.
He sits on 12 editorial review boards and is a fellow of the American Academy of Nursing, New York
Academy of Medicine, and the National Academies of Practice.

Mark Smith was originally from the UK where he worked as a psychiatric Nurse. He was registered
as New Zealand’s first mental health Nurse Practitioner in 2002 and has worked in clinical and academic
positions. Presently he works in a national leadership position with Te Pou (the national centre of mental
health research, information and workforce development in New Zealand).

Heather Strachan a nurse by background, has over 20 experience in eHealth, and has held a num-
ber of posts in government and the health service. Her latest post involves providing professional and
strategic leadership to the National eHealth Programme as a Clinical eHealth Lead for the Scottish
Government. Other posts have involved management, practice development, research and healthcare
governance. Heather has a Masters in Information Science from London’s City University, she is a pro-
fessional member of the British Computer Society, and a member of the Centre for Health Informatics
Research and Development. She has been an active member of the International Medical Informatics
Association(IMIA) for 16 years and in recognition has been made a Senior Officer of IMIA and an
Honorary Member of IMIA Special Interest Group on Nursing Informatics.
**Emily Saurman** is an academic and a researcher. Her research career began with, developed within, and has been supported by the Broken Hill University Department of Rural Health Centre for Remote Health Research. She has a keen interest in medicine and ethics and their relation to the people and the services in rural and remote communities. The MHEC-RAP evaluation was one of the first projects Emily has led. She is closely involved in the Centre’s research projects around rural and remote primary mental health care. She is also working toward attaining her PhD from the University — which will be an examination of health service utilisation in rural and remote New South Wales Australia by mental health clients.

**Catherine Theodosius** is a lecturer in Health and Wellbeing at University Campus Suffolk, she is the Course Leader for the BSc Health and Wellbeing degree and module leader for the Masters Research Methods Module. Her book *Emotional Labour in Health Care*, 2008, Routledge, was recently awarded an honourable mention by the ASA Emotions Section for distinguished contribution to the sociology of emotion.

**Cheryl Waters** RN, BSc(Hons)(Sydney), PhD(Sydney) Senior Lecturer, Faculty Nursing, Midwifery and Health, UTS, Sydney, Australia. Cheryl has been part of undergraduate and postgraduate nursing education for nearly 25 years. A significant part of that involvement has been to develop and teach in subjects that encouraged nursing professionals to examine the evolution of nursing knowledge and the practice basis of their knowledge. Her recent publications include *Emotional Labour in Health Care* (2008, Routledge).

**Sunmoo Yoon** is pre-doctoral fellow on the National Institutes of Health-funded Reducing Health Disparities through Informatics (RHeaDI) training program (T32NR007969). In her dissertation research, she is applying social network analysis and web mining techniques to study physical activity in social media.