

# Contributors

## **Gabriele Bammer**

Gabriele Bammer is developing the new discipline of Integration and Implementation Sciences to improve research strengths for tackling complex real-world problems through synthesis of disciplinary and stakeholder knowledge, understanding and managing diverse unknowns and providing integrated research support for policy and practice change (see [i2s.anu.edu.au](http://i2s.anu.edu.au)). This is described in *Disciplining interdisciplinarity: Integration and Implementation Sciences for researching complex real-world problems* (ANU E Press 2013). Between 2011 and 2013 she was Director of the Research School of Population Health, Director of the National Centre for Epidemiology and Population Health and co-Director and then Director of the Australian Primary Health Care Research Institute at The Australian National University (ANU). She is an ANU Public Policy Fellow, an inaugural Fulbright New Century Scholar alumna and has held visiting appointments at Harvard University's John F. Kennedy School of Government (2002–2014), ETH-Zurich and the Universitaet fuer Bodenkultur in Vienna. From 2007–2013 she was the convenor of the Australian Research Council Centre of Excellence in Policing and Security's Integration and Implementation research program.

## **Lindell Bromham**

Lindell Bromham is a professor in the Centre for Macroevolution and Macroecology, Research School of Biology at The Australian National University. She is an evolutionary biologist whose research primarily focuses on the way that we can use analysis of DNA sequence data to understand evolutionary past and processes. She applies comparative analyses to processes of evolutionary change spanning timescales from the beginnings of the animal kingdom half a billion years ago to the emergence of new viral diseases. She established the ANU cross-disciplinary research network Tempo and Mode to bring together disparate perspectives on large-scale evolutionary patterns and processes ([tempoandmode.com](http://tempoandmode.com)), and is the author of *Reading the story in DNA: A beginner's guide to molecular evolution* (2008) and *An introduction to molecular evolution and phylogenetics* (forthcoming, 2016), both with Oxford University Press..

## **Craig Browne**

Craig Browne is a senior lecturer in the Department of Sociology and Social Policy, University of Sydney. He is currently co-editor of *Theory*, the newsletter of the International Sociological Association Research Committee on Sociological Theory RC 16, and a Vice-President of the

Change!

International Sociological Association Research Committee on Concepts and Terminology RC 35. His recent publications include the book *Violence in France and Australia—Disorder in the postcolonial welfare state* and (in the journal *Revue de Internationale Philosophie*) Postmodernism, ideology and rationality. The perspective that he is developing on social change is related to his book projects, which include *Critical social theory* (Sage) and *Habermas and Giddens on modernity: A constructive comparison* (Anthem Press).

### **Jim Butler**

Jim Butler has a PhD in economics from the University of Queensland and more than 35 years research and consulting experience in health economics. Until recently he was Director of the now defunct Australian Centre for Economic Research on Health. He has been a Wiener Fellow at Harvard University and Visiting Associate Professor at the University of Pennsylvania. His consulting experience includes projects for numerous public and private sector organisations in Australia and overseas, including the World Bank, AusAid, the Asia-Pacific Economic Cooperation (APEC) Business Advisory Council, and the Office of Health Economics (London UK). He has also been a member of advisory boards for global pharmaceutical companies. His research interests include health insurance, health care financing, hospitals costs and health technology assessment/economic evaluation. He has been a member of the Australian Government's Medical Services Advisory Committee (MSAC), which advises the Minister for Health and Ageing on evidence relating to the safety, effectiveness and cost-effectiveness of new medical technologies and procedures. This advice informs Australian Government decisions about public funding of these services. He was also Chair of MSAC's Evaluation Sub-Committee. From 2012 to 2015 he was Chair of the Australian Government's Advisory Council on Intellectual Property.

### **Kate Carnell**

Kate Carnell AO was appointed Chief Executive Officer (CEO) at the Australian Chamber of Commerce and Industry in 2014. Before that she was CEO of beyondblue, a national, independent, not-for-profit organisation working to address issues associated with depression and anxiety. Previously, she was CEO of the Australian Food and Grocery Council and of the Australian General Practice Network and is a pharmacist by profession. She was elected to the ACT Legislative Assembly in 1992 and was elected Chief Minister in March 1995 and re-elected in 1998, serving until 2000. Kate was appointed an Officer of the Order of Australia in 2006 for her services to community through contributions to economic development and the medical sector.

### **Simon Chapman**

Simon Chapman AO PhD FASSA is a professor in the School of Public Health, University of Sydney. He has published 500 articles in peer reviewed journals and 19 books and reports. His h-index is 51 (lifetime citations 9,400). His *Public health advocacy and tobacco control: Making smoking history* was published by Blackwell (Oxford) in 2007 and his co-authored *Let sleeping dogs lie: What men should know before being tested for prostate cancer* by Sydney University Press in 2010. In 1997 he won the World Health Organization's World No Tobacco Day Medal and in 2003 he was voted by his international peers to be awarded the American Cancer Society's Luther Terry Award for outstanding individual leadership in tobacco control. In 2008 he won the NSW Premier's Cancer Researcher of the Year medal; the Public Health Association of Australia's Sidney Sax medal; and was a NSW finalist in Australian of the Year. He was deputy editor (1992–1997), then editor (1998–2008) of the British Medical Journal's *Tobacco Control* and is now its editor emeritus. His current research involves examining how health issues are covered in news media; characteristics of public health research (and its dissemination) which impact on public health policy; and the natural history of unassisted smoking cessation.

### **Robyn M Gillies**

Robyn Gillies is a professor of education at the University of Queensland. She has worked extensively in primary and secondary schools on a number of Australian Research Council projects designed to help teachers embed student-centred pedagogical practices into their classroom curricula to promote student engagement, problem-solving, and learning. Her research interests include inquiry learning in science and mathematics, supporting teachers to improve children's reading achievements in rural communities, student-centred pedagogical practices in the learning sciences, and improving school engagement for socially disengaged youth. She is the author of five books and over 150 journal articles and book chapters. In 2006 she was the recipient of an Outstanding Contribution Award presented by the American Educational Research Association and in 2010 she received an Achievement Award for Outstanding Contributions to Research from the International Association for the Study of Cooperation in Education, United States.

### **Paul Griffiths**

A philosopher of science with a focus on biology and psychology, Paul Griffiths was educated at the University of Cambridge and The Australian National University, receiving his doctorate from ANU in 1989. After teaching in Australia and New Zealand, he moved to the University of Pittsburgh in 2000, returning to Australia in 2004 as an Australian Research Council Federation Fellow. Currently he is based at the University of Sydney where he is University

Change!

Professorial Research Fellow in the Department of Philosophy and Associate Academic Director for Humanities and Social Sciences at the Charles Perkins Centre, a multidisciplinary research institute of University of Sydney focused on obesity, diabetes and cardiovascular disease. He is also a visiting professor in the Economic and Social Research Council Centre for Genomics in Society at the University of Exeter, UK. He is a Fellow of the American Association for the Advancement of Science, Fellow of the Australian Academy of the Humanities, President of the International Society for History, Philosophy and Social Studies of Biology, and from 2006–2012 was a member of the Australian Health Ethics Committee of the National Health and Medical Research Council. His latest book, with Karola Stotz, is *Genetics and philosophy: An introduction*.

### **Ian D MacLeod**

Ian MacLeod is Executive Director of Fremantle Museums and Collections at the Western Australian Museum. He is a corrosion chemist and materials conservator with a passion for decay. He studied at the University of Melbourne for his PhD; then research positions at the University of Glasgow and Murdoch University in Perth, Australia prepared him for the transition to studying decay of metals on historic shipwrecks with the Western Australian Museum. Applied electrochemistry has helped him develop new techniques for conserving museum collections including the use of in-situ corrosion measurements on historic shipwrecks, with particular emphasis on the use of sacrificial anodes to preserve materials on the seabed. His studies on the Japanese shipwrecks from World War II in Chuuk (Truk) lagoon in the Federated States of Micronesia have provided the government with data on the decay rates of the wrecks. At the Getty Conservation Institute he worked on preparing detailed notes for a book on the *Conservation of shipwrecks: Sites and artefacts*.

### **Dee Madigan**

Dee Madigan is an advertising Creative Director with over 20 years' experience working in the industry. As well as campaigns for some of the world's biggest brands including HSBC, Diet Coke, J&J and Rexona and Nestle, Dee is a social marketing expert and was Creative Director for the Australian Labor Party for the 2013 Federal election and for the 2015 Queensland State election. She is a political commentator on both Sky and the ABC and is author of *The Hard Sell*, a book on political advertising. She runs her own ad agency, Campaign Edge.

### **Peter McDonald**

Peter McDonald AM is a professor at the Crawford School of Public Policy at The Australian National University. He was President of the International Union for the Scientific Study of Population for the years 2010–2013 and is a Member of the Council of Advisers of Population Europe. He is frequently

consulted on the issue of population futures (causes, consequences and policies) by governments around the world, especially in Australia, Europe and East Asia. In 2008, he was appointed as a Member in the Order of Australia. He is Deputy Director of the Australian Research Council Centre of Excellence in Population Ageing Research. He was appointed as an inaugural ANU Public Policy Fellow. He has worked previously at the Australian Institute of Family Studies, the World Fertility Survey and the University of Indonesia. In 2015, he was awarded the prestigious Irene B Taeuber Award by the Population Association of America.

### **Francesca Merlan**

Francesca Merlan, previously at Sydney University, has been Professor of Anthropology in the School of Archaeology and Anthropology at The Australian National University since late 1995. She has conducted field research, essentially on questions of change and articulations across fields of social and cultural difference, in northern Australia, in Papua New Guinea, and in southern Germany—in all three places, with a focus on transformations in people's lives associated with shifts in their relationships to place and place-based livelihood. She is currently working on a book on the topic of encounters between Indigenous and non-Indigenous people at different points in time from early colonial arrival to the present of her field research in northern Australia.

### **Christine Nixon**

Christine Nixon APM was Chair of the Victorian Bushfire Reconstruction and Recovery Authority from February 2009 to September 2010. Prior to joining the Authority, Christine was the 19th Chief Commissioner of Victoria Police leading 14 000 staff. She joined Victoria Police in April 2001, after serving with the New South Wales Police from 1972 and attaining the rank of Assistant Commissioner. Christine is a Fellow of the Australian and New Zealand School of Government, the Australian Institute of Police Management, the Australian Institute of Management and the Institute of Public Administration Australia. She is also a member of the Monash University Council, Chair of Good Shepherd Microfinance and Monash College Pty Ltd. Currently she lectures with the Australian and New Zealand School of Government in various courses including leading a workshop on Women in Leadership—Achieving and Flourishing. She also runs her own Women Leading Change workshops ([christinenixon.com.au](http://christinenixon.com.au)). She mentors and advises various organisations on leadership and organisational reform.

Change!

### **Sarah Pearson**

Sarah Pearson is an internationally experienced Open Innovation practitioner and advocate for collaborative innovation in Australia. She drives innovation strategy and practice in both corporate and government arenas, and is passionate about helping Australia benefit from this effective and efficient approach in both industrial and social innovation applications. She is currently Chief Executive Officer of the CBR Innovation Network, an entity set up to transform the Australian Capital Territory economy through innovation and entrepreneurship. She is also a Board Director on seven boards covering manufacturing, industry peak bodies, social innovation, angel investment and STEM (science, technology, engineering and mathematics) support. Sarah's eclectic career has spanned industrial innovation, academia, management consulting, government, and science communication, from the University of Oxford, to McKinsey, Cadbury and The Australian National University. Sarah has also published extensively through the media of TV, radio, books, academic journals, magazines and newspapers, and is an author on eight international patents for cancer diagnosis and novel confectionery.

### **Beverley Raphael**

Beverley Raphael AM, MBBS, MD (Syd), FRANZCP, FRCPsych, Hon MD (Newc), FASSA is Emeritus Professor of Psychiatry at the University of Queensland, Professor of Psychological & Addiction Medicine at The Australian National University and Professor of Population Mental Health and Disasters at the University of Western Sydney. She has had extensive experience in the development of disaster mental health in Australia and internationally. She has also been involved in research, policy and program development for children's mental health including promotion, prevention and early intervention, as well as mental health research and policy more broadly. She is Chair of the Australian Child and Adolescent Trauma and Loss Grief Network (funded by the Australian Government). She has extensive research experience in children's mental health and has research programs in this field at ANU and the University of Western Sydney. She provides consultation and advice to the Australian Government Child Mental Health Forum, KidsMatter, and other bodies. She is the author of numerous publications relevant to this field.

### **John Reid**

John Reid is an Emeritus Fellow of The Australian National University and a Visiting Fellow in both the School of Art and the Fenner School of Environment and Society at ANU. He is a visual artist, teacher and pedagogic researcher. As an artist he works with the media of photography, collage and performance. The environment and human rights are the enduring themes of his artwork. As a teacher, he is a convenor of the School of Art Environment Studio Field

Study program that provides students with field research opportunities for fine art production. His research is concerned with procedures for artist engagement with scientists and community leaders to create aesthetic visual material that enhances community deliberation of values that are fundamental to the development of public policy.

### **Mark Stafford Smith**

Mark Stafford Smith coordinates climate adaptation research in CSIRO in Australia; in this role he has been overseeing a highly interdisciplinary program of research on many aspects of adapting to climate change, as well as regularly interacting with national and international policy issues. He has over 30 years' experience in drylands systems ecology, management and policy, including senior roles such as Chief Executive Officer of the Desert Knowledge Cooperative Research Centre in the early 2000s, and Program Leader of the CSIRO Centre for Arid Zone Research in Alice Springs in the late 1990s. His significant international roles include being past vice-chair of the International Geosphere-Biosphere Programme's Scientific Committee, and co-chair of the Planet Under Pressure: New Knowledge towards Solutions international global change conference in London in 2012 in the lead-up to Rio+20. In 2013 he was appointed chair of the inaugural Science Committee of the Future Earth platform for coordinating research on global environmental change. He continues to actively publish, adding to over 160 peer-reviewed contributions to science, as well as many presentations and publications for less specialised audiences.

### **Grant Wardlaw**

Grant Wardlaw RFD has held senior executive positions in crime intelligence, research and policy organisations, including being Senior Fellow, Australian Research Council Centre of Excellence in Policing and Security, National Manager Intelligence in the Australian Federal Police, National Director Criminal Intelligence in the Australian Crime Commission, Executive Director of the Australian Bureau of Criminal Intelligence, Director of the Commonwealth Government's Office of Strategic Crime Assessments and Acting Director of the Australian Institute of Criminology. He is currently a visiting fellow at The Australian National University. Grant has postgraduate qualifications in psychology, international relations and international law and is a Fellow of the Australian Institute of Management. He has consulted internationally and published widely in the fields of terrorism, illicit drug policy and law enforcement intelligence and is the author of *Political terrorism: Theory, tactics and countermeasures* (Cambridge University Press).

Change!

### **Michael Wesley**

Michael Wesley is Director of the Coral Bell School of Asia Pacific Affairs and Professor of International Affairs at The Australian National University. His career has spanned academia, with previous appointments at the University of New South Wales, Griffith University, the University of Hong Kong, Sun Yat-sen University and the University of Sydney; government, where he worked as Assistant Director General for Transnational Issues at the Office of National Assessments; and think tanks, in which he was Executive Director of the Lowy Institute for International Policy and a Non-Resident Senior Fellow at the Brookings Institution. Michael has also served as the Editor in Chief of the *Australian Journal of International Affairs*, a Trustee of the Queensland Art Gallery and a Board Member of the Australia Television Network. His most recent book, *There goes the neighbourhood: Australia and the rise of Asia*, won the 2011 John Button Prize for the best writing on Australian public policy.

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