

Contributors

Peter Berggren is a specialist in family medicine and has experience of working with telemedicine research and development for over 20 years. He has been appointed as medical director in Västerbotten county, Sweden and is now head of the Centre for Rural Medicine (GMC). The GMC is a research and development unit within primary care in Västerbotten county with responsibility to facilitate research and development in rural areas also in the northern part of Sweden. In 2013 Dr Berggren was awarded the Västerbotten Grand Pris for innovative work in recruitment and retention of rural medicine professionals. In 2014 the GMC was awarded with 'The golden scalpel' as the innovator of the year in Swedish healthcare.

Deanne Bird is a Research Fellow at the Faculty of Life and Environmental Sciences, University of Iceland, Reykjavik, Iceland. She specialises in the social dimensions of disaster risk reduction and climate change adaptation. Deanne's interests include evaluations of resilience, vulnerability and community-appropriate methods of risk communication among urban, rural and Indigenous populations. Deanne works closely with community groups, local, state and federal governments and emergency management personnel. She has collaborated on a variety of projects with government and non-government organisations and is an associate of Risk Frontiers, Macquarie University and Charles Darwin University, Australia.

Odd Jarl Borch is a Professor of Strategy and Entrepreneurship at Bodo Graduate School of Business, University of Nordland and a part-time Professor at the University of Stavanger and the Faculty of Science and Technology at the University of Tromsø, Norway. Dr Borch is conducting research within the field of competitive strategy, entrepreneurship and industry development. He has published in various international journals, including *Journal of Management Studies*, *Entrepreneurship, Theory, and Practice*, *Scandinavian Journal of Management*, *Entrepreneurship and Regional Development* and *Journal of Small Business and Enterprise Development*. Dr Borch has served with the Editorial Board of *Academy of Management Journal* and *Academy of Management Executive*. He has been working for the Norwegian government and the EU as adviser and

evaluator of government programmes within innovation, industry and regional development.

Alicia Boyle has worked in tertiary education, training, management and research for over 30 years. She has been in Darwin with Charles Darwin University (CDU) since 1999 and was the Education Coordinator for the Desert Knowledge Cooperative Research Centre for seven years and the CRC Tourism NT Tourism Network Chair for ten years. Alicia was the Chair of the Central Australian Education and Training Network (CAETN) for over eight years and works extensively in applied research with key interests in education, technology for learning and workforce development in regional and remote areas. Alicia is actively sought for her project management expertise and industry knowledge. Alicia's presentations, publications and further information can be found at <http://au.linkedin.com/pub/alicia-boyle-cahri/a/a54/364>.

Huw Brokensha's research in understanding dynamic population change stems from his work with both the Northern Territory Government and the Australian Government. Huw held an executive leadership role with the Australian Bureau of Statistics (ABS) where he provided advice to the national demographics section on the Territory's population. Huw's research aims to analyse and present data in ways that are interesting and understandable to a broad audience. This includes using technological applications as tools for knowledge transfer. His current research focuses on understanding the differing nature of ageing in sparsely populated areas and population migration and mobility patterns in rural/remote areas. His particular interest in population census data led him to be part of the Northern Australia Census Management Unit where he managed the 2011 Census of Population and Housing in the northern Top End of the Northern Territory.

François Brouard is a bilingual Chartered Accountant and Chartered Professional Accountant with a bachelor's degree in business administration (BAA) from HEC Montréal, a master's degree in accounting (MSc) from Université du Québec à Montréal (UQAM) and a Doctorate in Business Administration (DBA) from Université du Québec à Trois-Rivières (UQTR). He is currently an Associate Professor in the accounting group (taxation and financial accounting) at the Sprott School of Business, Carleton University, Canada and Founding Director of the Sprott Centre for Social Enterprises (SCSE). He also worked in auditing and tax for an international CA firm (Samson Bélair/Deloitte & Touche). His research interests include social entrepreneurship, financial management, non-profits, philanthropy, governance, strategic intelligence, small

and medium-sized enterprises (SMEs), tax, business transfer, professional education and financial planning.

Dean B. Carson is currently leading an international 'northern research' collaboration involving Northern Institute at Charles Darwin University, the Arctic Research Centre at Umeå University, the Sweden Centre for Rural Medicine (GMC) Storuman and Akademi Norr, Sweden. Dean is currently based in Swedish Lapland contributing to international research collaborations focused on small area demography, and the recruitment and retention of professional staff to rural and remote areas. Dean has spent the past 20 years researching who lives in, works in and visits sparsely populated areas, and how and why these patterns change over time.

Doris A. Carson (*née* Schmallegger) is a human/economic geographer interested in the socio-economic development of small communities in sparsely populated areas. She completed her PhD at James Cook University in Australia, looking at the dynamics of tourism innovation systems in remote resource peripheries and the complex relationships between tourism and the 'staples trap'. She was then a postdoctoral research fellow at the University of South Australia, where she conducted research on rural community resilience, the concept of Indigenous itinerants as tourists, and the value of using a local systems perspective in rural innovation studies. Doris is now a researcher and lecturer within the Department of Geography and Economic History at Umeå University in northern Sweden. Her current research focuses on understanding how different types of mobile populations – such as tourists, lifestyle migrants, seasonal workers and other temporary populations – impact on innovation capacity in remote communities.

Tom Carter recently retired as Professor of Geography at the University of Winnipeg, Canada. He also recently completed a seven-year term as Canada Research Chair in Urban Change and Adaptation. Prior to becoming the Research Chair, Dr Carter was Director of Urban and Regional Research at the University's Institute of Urban Studies. Before joining the university in 1985 Tom was Executive Director of the Research and Policy Development Division with the Saskatchewan Housing Corporation. He has also worked as an Urban Planner with the National Capital Development Commission in Canberra, Australia. Tom has an Adjunct Position in the Northern Institute at Charles Darwin University and is a Research Affiliate with the Rural Development Institute at Brandon University. Tom's research experience covers a wide range of topics in housing, urban and rural development, immigration and social policy.

Brian Charters is a final-year medical student and student representative at Flinders University Medical School, Australia. His prior degree was Bachelor of Biomedical Science (Griffith University, 2009), for which he received the Academic Award of Excellence. During this period he was also awarded a research scholarship with the Australian Heart Foundation and presented his research at the Gold Coast Health Conference (2009). In 2011 he was awarded a six-month research scholarship to Lund University in the field of paediatric immunology. His current medical interests include research in the field of rural and public health and he is currently the holder of a rural medical placement programme scholarship. His passion includes teaching, research, paediatric medicine and rural health.

Jen Cleary is a human geographer with research interests in regional development, rural communities and agriculture. Her research has focused primarily on community participatory planning and local decision-making in rural and remote communities in Australia. Her most recent work examined collective bargaining in the Australian agricultural sector and the sociocultural reasons why farmers do or do not participate in collective action. Jen is a Senior Research Fellow with the Centre for Global Food and Resources, University of Adelaide and holds an honorary position as Adjunct Associate Professor at the Institute for Governance and Policy Analysis at the University of Canberra.

John Cokley (PhD, BBus, Grad Cert Ed, Cert IV TAE) is an Adjunct Associate Professor in the School of Humanities at Griffith University, Australia. John worked as a journalist, trainer and website developer at News Corporation in Brisbane, Australia between 1985 and 2006, after working for the *Daily Sun* newspaper and the Australian Associated Press wire service (1984–85). He is now Chief Executive Officer (CEO) of the media business consultancy EduPreneur Services Australia. John was the first Journalist-in-Residence at Griffith University, lectured in journalism at James Cook University, the University of Queensland, and the Queensland University of Technology, and was the first Associate Professor in Journalism appointed at Swinburne University of Technology. With Dr Wendy Doubé in 2013, John was awarded the \$10 000 first prize in the Swinburne Innovation Cup.

Suzanne de la Barre, PhD, is a faculty member with the Department of Recreation and Tourism Management, Vancouver Island University, Canada. She holds an adjunct position at Yukon College, Canada and is a Research Associate with the Department of Geography and Economic History, Umeå University, Sweden. Her research uses place-based approaches to investigate change in peripheral regions with a focus on

north-western and Arctic Canada. She examines change related to economic diversification, the cultural and creative sectors including tourism, community development, and the role of social innovation.

Wayne Edwards is a faculty member in the Economics Department of Colby College, USA. His research involves investigating the economic outcomes of rural populations, including issues of sovereignty, land rights, poverty, and service access.

Sveinung Eikeland (sociologist) is Vice Rector at University of Tromsø – The Arctic University of Norway (UiT). He has conducted socio-economic analyses mainly from Northern Norwegian areas and the High North from 1985. His research has focused on territorial – and regional socio-economic and – demographic analyses, regional policies development, implementation and assessment in Norway and in Europe, and regional impacts of industrial processes in economic sectors as petroleum and fisheries. From 1985 until 2011 Eikeland was senior researcher scientist and head of research in the Norwegian institute for Urban and Regional Research (NIBR) and in Northern Research Institute (NORUT).

Marco Eimermann is a postdoctoral researcher at the Institute of Geography and Economic History, Umeå University, Sweden. He is also a member of the Centre for Urban and Regional Studies (CUREs) at Örebro University, Sweden. Before moving to Sweden, he studied Human Geography and European Studies in the Netherlands. His curiosity for lives lived in other places inspired him to investigate Dutch families and the process of moving to the Swedish countryside in the early twenty-first century. His PhD thesis ‘There and back again? Dutch lifestyle migrants moving to rural Sweden’ (2013) combines insights from population geography and rural studies. Marco is interested in rural areas attracting new residents and everyday practices in transnational post-migration family ties.

Prescott C. Ensign is the Dobson Professor of Innovation and Entrepreneurship in the Lazaridis School of Business and Economics at Wilfrid Laurier University in Waterloo, Ontario, Canada. He is a Fulbright Scholar and has received accolades for his contributions to teaching and research. His current research examines economic, community, and social development in remote regions – such as Canada’s far north. Ensign has supervised undergraduate and graduate students. Much of this involves the study of market entry and expansion. Projects have included: commercialisation of green/clean technologies; integration of scientific know-how when company cultures merge; social networks of entrepreneurs; small firm-large firm cooperation versus competition; and

social entrepreneurship. Ensign remains grateful to the Social Sciences and Humanities Research Council of Canada for continued funding of his efforts.

Jaimee Garrett has a Bachelor of Business in International Tourism Management, Southern Cross University, Australia. While studying overseas at the IMC University of Applied Sciences, Krems, Austria, she took the opportunity to complete a tourism internship in rural South Australia through an international exchange with Flinders University. She was recruited on graduation as a rural research assistant, working with South Australian rural communities on a range of projects identifying factors influencing the well-being of rural residents, migration into rural communities and issues facing rural youth. Jaimee grew up in a rural community in New South Wales (NSW), and is very passionate about rural living. She is currently back in NSW working on her family farm, before adding to her already extensive international travel adventures to teach English.

Guðrún Gísladóttir is a Professor of Geography at the University of Iceland. Guðrún works in an interdisciplinary environment, focusing on both the social and physical aspects of natural hazards. Guðrún's research interests also include the impacts of land use, climate change and volcanism on terrestrial ecosystems, and the development of sustainable land management practices.

Kate Golebiowska is a social scientist with a doctorate in public policy from the Australian National University (2007). She is a Research Fellow at Northern Institute, Charles Darwin University, Darwin, Australia. Kate is an immigration researcher with interests and expertise in comparative studies of the governance of immigration, demographic impacts of immigration, spatial distribution and mobility of immigrants and immigrant settlement and integration processes. For the past few years her research has focused on immigration in regional and remote areas of Australia. Kate is currently involved in two projects on international education in the Northern Territory, Australia and in a project on better engaging selected equity groups (for example immigrants and refugees) in the Darwin labour market. See more about Kate: <http://www.cdu.edu.au/northern-institute/our-teams/kate-golebiowska>.

John Guenther is the Research Leader, Education and Training with the Batchelor Institute of Indigenous Tertiary Education, based in Darwin, Northern Territory, Australia. Over the last ten years John has conducted research and evaluation projects which have focused on remote contexts, particularly in the Northern Territory of Australia. A recurring theme in all of his work is the importance of learning, whether it be for adults,

young people or children. He is also interested in education systems and their impact on learning. In recent work on remote education systems a focus has been on the importance of Aboriginal and Torres Strait Islander knowledge systems and their accompanying epistemologies, ontologies, axiologies and cosmologies. Understanding the interface between cultures in the context of schooling in remote communities has also been a key concern.

Phillipa (Pip) Hanrick researches community engagement practices in rural Australia and the role that government legislation, corporate agendas and media play in the success or failure of public participation in major projects and in areas of significant change. She developed a strong interest in public participation while leading government communication strategies during the Red Imported Fire Ant Eradication Program, one of Queensland's first significant community engagement projects in 2001. Since then she has been involved in several engagement projects, particularly the Southern Regional Water Pipeline Alliance project in Queensland from 2007. Pip is now Managing Director of the engagement consultancy Voice Consulting Australia.

Lisbeth Harbo is a Research Fellow at Nordregio – Nordic Centre for Spatial Development, Stockholm, Sweden, where her current research concerns issues related to migration, gender and demographic change, often in the sparsely populated areas of the Nordic countries. She holds a MSc in socio-economic geography from the University of Copenhagen and is currently enrolled as a PhD student at the University of Aalborg, Denmark. In her PhD research, she explores the extent of and motivations for migration from and within the Nordic periphery.

Sharon Harwood is a Senior Lecturer at James Cook University, Cairns, Australia. Sharon is a certified and practicing planner with more than 20 years' experience working with remotely located communities on natural resource planning, community planning and development projects. Sharon is the coordinator of the Graduate Certificate Planning and Indigenous Communities and the campus coordinator of the Masters of Tropical Urban and Regional Planning. Sharon is particularly interested in understanding how the design and function of land use planning systems meet the aspirations (or not) of Australian Aboriginal people for social, economic and cultural development of their lands and waters.

Pauline Heinrich has a PhD in plant physiology and was a postdoctoral fellow in forestry at the University of Melbourne, Australia. She has led research projects in environmental issues at the University of Newcastle

and the University of Melbourne. Recently she has collaborated in research on science communication in journalism and currently is a consultant in environmental issues.

Lee Huskey is Emeritus Professor of Economics at the University of Alaska Anchorage, USA. He has served as Chair of the Economics Department, Director of the Experimental Economics Program, and acting Director of the Center for Economic Education. He is a past President of the Western Regional Science Association. Professor Huskey has written about the Arctic economy and its future and material well-being in the north. His current research focus is economic development and structural change in the circumpolar north. He has served as the Principal Investigator for two major research projects on migration in Arctic Alaska and around the circumpolar north. He is currently associated with two major circumpolar networking programmes: Arctic Frontiers of Sustainability (Arctic Frost) which is a United States Forces (USF) National Science Foundation (NSF) initiative and Resources and Sustainable Development in the Arctic (ReSDA) which is a Canadian SSHRC initiative.

Guðrún Jóhannesdóttir is a leading specialist in Civil Protection and Emergency Management in Iceland with a background in social and environmental sciences. Guðrún started working for Civil Protection in 2006 as a project manager and has been focusing on risks and mitigation from both natural and man-made hazards. During the volcanic eruptions in Eyjafjallajökull 2010 and Grimsvötn 2011, the earthquakes in south Iceland 2008 and numerous other disasters in Iceland, Guðrún has worked in coordinating the responses during and after the disasters both in the field and in the National Crisis Coordination Centre. Guðrún is Iceland's representative for the European Union (EU) Civil Protection Committee and involved in various international collaborations and has participated in various research projects on civil protection and security.

Ilan Kelman is a Reader in Risk, Resilience and Global Health at University College London, United Kingdom and a researcher at the University of Agder, Kristiansand, Norway. His overall research interest is linking disasters and health, including the integration of climate change into disaster research and health research. That covers three main areas: (1) disaster diplomacy and health diplomacy (<http://www.disasterdiplomacy.org>); (2) island sustainability involving safe and healthy communities in isolated locations (<http://www.islandvulnerability.org>); and (3) risk reduction education for health and disasters (<http://www.riskred.org>).

Andreas Koch is Professor for Social Geography at the Department of Geography and Geology, University of Salzburg, Austria. He is also Head

of the Centre for Ethics and Poverty Research and Vice-President of the International Research Centre for Social and Ethical Issues, both situated in Salzburg. His research and teaching interests cover topics such as geographies of uneven development, spatial poverty, urban segregation, demographic transition in Europe, agent-based modelling and micro-simulation of social processes, and (geo-)statistics. With Peter Mandl from the University of Klagenfurt, Austria, he is co-editor of the book series 'Geosimulation'.

Natalia Krasnoshtanova is a Candidate of Geographical Sciences (the Russian equivalent of a PhD) and a scientific researcher at the V.B. Sochava Institute of Geography of the Siberian Branch of the Russian Academy of Science, Irkutsk. She is the author of publications in Russian on social-economic geography and the ecology of the oil and gas extractive activities regions of Siberia. The main aim of her research is assessment of various risks (social, economic and ecological) for this region.

Vera Kuklina is a Candidate of Geographical Sciences (the Russian equivalent of a PhD), a postdoctoral researcher at the V.B. Sochava Institute of Geography of the Siberian Branch of the Russian Academy of Science, Irkutsk, and a Visiting Scholar at the Institute for European, Russian, and Eurasian Studies, George Washington University, USA. She is the author of numerous publications in Russian on the cultural and social geography of remote regions of Siberia, with the focus on urban sustainability, ethnic minorities, and social impact assessment of industrial projects.

Judith Lovell is a Senior Research Fellow with the Northern Institute of Charles Darwin University, Australia and the Principal Researcher, Synthesis and Integration for the Cooperative Research Centre for Remote Economic Participation (CRC-REP). She has developed the perspective to look for ways that research, policy, economic and community development can integrate and better engage residents in remote settlements in developed nations. She contributes to peer-reviewed journals, book chapters and conference proceedings, and completed a Doctor of Philosophy in 2015 through re-combining as a body of knowledge, the paintings and stories of and Eastern Arrernte custodian, Kathleen Kemarre Wallace. Their collaboration has revealed systems of knowledge and transformation in Wallace's homeland, and the context of Aboriginal and Torres Strait Islander human ecology and deep time. Dr Lovell's insight of intercultural remote Australia has developed predominantly through such work in Aboriginal settlement contexts, and as part of remote community research teams.

Roger Marjavaara holds a position as Assistant Professor at the Department of Geography and Economic History at Umeå University, Sweden. He has published in several international journals on the topic of second home tourism and rural development. Dr Marjavaara is currently engaged in research concerning second home tourism and the development of social capital and also issues related to retirement migration. Other areas of interest are island studies, shopping tourism, rural tourism, migration and mortality. Dr Marjavaara is currently in charge of the department's undergraduate programme in tourism.

Marisha McAuliffe is an academic in the Creative Industries Faculty at Queensland University of Technology, Queensland, Australia. Her PhD, 'Spatial imagining in the design process', explored the intersections between presence research, design education and visualisation in the design process. Her research foci include human factors in space, online, distance and higher education. Dr McAuliffe is also Course Director for an online course in Design Thinking at the Institute of Continuing Education at University of Cambridge, UK.

Robert McLeman is Associate Professor of Geography and Environmental Studies at Wilfrid Laurier University in Waterloo, Canada. His research studies the effects of environmental change on migration and on household adaptation processes in developed and developing regions, using a variety of quantitative, qualitative, and geomatic techniques.

J.J. McMurtry is Associate Dean, Programs for the Faculty of Liberal Arts and Professional Studies and an Associate Professor in the Business and Society Program at York University, Canada. Dr McMurtry's areas of research include: social enterprises and entrepreneurship; cooperative history, theory and practice; community economic development; alternative energy; alternative economic theory; social and political theory; and the social economy. Dr McMurtry has lectured in North and South America, India and Europe and has an active research, consultation, and facilitation record with community, cooperative, and non-profit groups. He has recently contributed peer-reviewed book chapters and articles on topics such as: social enterprise, procurement and public policy; Fair Trade; local food organisations; alternative energy and the social economy; social accounting; credit unions; and micro-social entrepreneurship.

Marius Warg Næss is a Senior Researcher at the Norwegian Institute for Cultural Heritage Research, Tromsø, Norway. His overall research interest is at the intersection of social science and ecology with a focus on natural resources use. He is specifically focusing on utilising a comparative approach to investigate: (1) the rationale and consequences of governmental

management policies; (2) the effects of climate change; (3) how governmental management policies may exacerbate the negative effects of climate change; and (4) how official policy transforms traditional social institutions.

Trond Nilsen (social scientist) is a senior research scientist at Northern Research Institute (NORUT), Norway. He obtained a PhD from the University of Tromsø – The Arctic University of Norway (UiT) in 2008 on analysing the implementation of contract systems in the oil and gas industry. His research focuses on the determinants of regional growth, regional innovation, the impact of natural resource economy on firm performance and the encounter between multinational corporations and peripheral regions in the High North. Nilsen is published in national and international journals in the field of geography, management and strategy.

Lena Maria Nilsson, Research Coordinator at the Arctic Research Centre at Umeå University, Umeå, Sweden, has a PhD in public health (2012). Nilsson is the secretary of the Nordic Society for Circumpolar Health, and a member of the steering group of Neon, the Nordic Nutrition Epidemiological Network. She is also a board member of the Centre for Sami Research at Umeå University (Vartoe, CeSam), and Sáhkie, the local Sami association of Umeå. So far, Nilsson has written or contributed to 38 peer-reviewed and seven popular-science publications. In June 2015 Nilsson was rewarded with the Jens Peder Hart Hansen Memorial Fund Award for young circumpolar health researchers for her work on food and water security in the Arctic.

Paul Peters is the Canada Research Chair in the Spatial and Social Inequalities of Health and Health Service Delivery and an Assistant Professor in the Departments of Sociology and Economics at the University of New Brunswick, Fredericton. His expertise is in spatial analysis, demography, and population health. Some of his most recent research includes the analysis of health inequalities in Inuit Nunangat, investigation of air pollution and mortality links, environment and health data linkages, and spatial analysis methodology. He has worked closely with Health Canada to develop the Canadian Health and Environment Cohort, the largest population-based cohort in Canada for environmental health analysis. Paul is also a co-developer of the Canadian Environmental Health Atlas, an online resource for environmental health topics in the Canadian context. While at Statistics Canada (2008–14) Paul was instrumental in developing new and innovative health data linkages between census, survey and administrative datasets.

Andrey Petrov is Associate Professor of Geography at the University of Northern Iowa (UNI), USA. He earned PhDs from the University of

Toronto in 2008 and from Herzen University in Russia in 2006. Dr Petrov is the Director of the Arctic Social and Environmental Systems (ARCSES) Research Lab at UNI. He is serving as a Councillor of the International Arctic Social Science Association, member of the International Arctic Science Committee and the Chair of the Polar Geography Specialty Group of the Association of American Geographers. Dr Petrov is also an Associate Editor of *Polar Geography* (Taylor and Francis) and Director of the Arctic-FROST research coordination network in Arctic sustainability. Dr Petrov's research interests include socio-economic well-being and economic development strategies in the Canadian and Russian North, knowledge-based and resource-based economies in remote regions, Indigenous demographics and labour migration in the North, and geospatial techniques in regional analysis.

Guðrún Pétursdóttir is the Director of the Institute for Sustainability Studies and Associate Professor of Physiology and Embryology at the University of Iceland. Her background is in the health sciences, as well as interdisciplinary research pertaining to environmental and sustainability issues. Her research interests centre on individual and community resilience to natural hazards, adaptation to climate change, and the sustainable management of natural resources.

Bruce Prideaux was awarded a PhD in tourism from the University of Queensland, Australia in 2000 and after holding appointments at the University of Queensland and James Cook University he moved to Central Queensland University (CQUniversity) in 2015. Bruce has a wide range of research interests and has published in areas that include protected area tourism, tourism transport, tourism in agricultural regions, Indigenous tourism, urban tourism, climate change, military heritage, tourism aviation, crisis management, heritage and ecotourism. He holds a Visiting Professorship at Taylor's University, Malaysia and has presented numerous keynote and invited talks. He has authored 103 journal articles, 64 book chapters and numerous conference papers and reports. His most recent book examined a range of issues related to tourism in rainforests.

William Rankin, PhD, is an Associate Professor of Aviation Management at Florida Institute of Technology in Melbourne, Florida, USA. Prior to this position he served as the Chair and Professor of the Department of Aviation at the University of Central Missouri, Assistant Professor of Aviation at Florida Memorial University in Miami, Florida and Deputy Director of Aviation for the Fort Lauderdale Hollywood International Airport. He has 29 years of airport management experience, is an

Accredited Airport Executive in the American Association of Airport Executives, a member of the Florida Airports Council, and has an FAA Commercial Pilot and Advanced Ground Instructor License.

Johanna Roto, MSc in human geography, has worked intensively with Arctic demographic and socio-economic development during the past ten years. She works as the Geographical Information System and cartography consultant at Nordregio and as analyst at the city of Stockholm, Sweden. She has specialised in regional development in Arctic and Northern regions and in regional and statistical analysis. Her field of expertise is utilising the Geographical Information System in her work.

Jan Salmon is a PhD candidate with the Northern Institute at Charles Darwin University, Australia, studying Northern Territory student mobilities. She is a professional town planner who has worked in the public and private sector for more than 20 years in Melbourne. When she moved to Darwin it was her interest in rural planning that led her to undertake her Master's by Research in 2014 into understanding the drivers of development in Darwin's hinterland.

Gertrude Saxinger is a postdoctoral researcher and Lecturer at the Department for Social and Cultural Anthropology, University of Vienna in Austria. She is founding faculty member of the Austrian Polar Research Institute (APRI), serving as Councillor of the International Arctic Social Science Association (IASSA), and member of the International Arctic Science Committee (IASC). Her research focus is on social dimensions of natural resources in the Arctic and Siberia. This broad topic includes community–industry relations in the mining and petroleum sector as well as mobility such as fly-in/fly-out work arrangements and inter-regional (Arctic) labour migration. Furthermore, Gertrude is interested in social engagement with nature and the built environment such as infrastructure. This relates to aspects such as regional and mono-industrial urban development in remote places, social spaces and place attachment, social inequality and human security. She is involved in numerous international projects in Canada, Finland, Germany and Russia.

Adrian Schoo is Professor in Rural Allied Health Education at Flinders University, Australia. Before moving into clinical education Adrian was physiotherapy discipline leader at La Trobe University's Rural Health School and, prior to that, deputy director of the Greater Green Triangle University Department of Rural Health. He established a state-wide continuing education programme for allied professionals in Victoria, with online access in other Australian jurisdictions. Professor Schoo played an

instrumental role in establishing a solid foundation for physiotherapy at Flinders University to underpin the musculoskeletal and inter-professional practice curriculum and clinical placement partnerships. His work informs policy makers, educators and health professionals. Research interests include continuing education, rural health workforce development and health service enhancement, particularly in the area of allied health and chronic disease.

Peter Sköld is a Professor in History, Sami Culture and Society Development at Umeå University, Sweden. He is the director of the Centre for Arctic Research. Sköld's research profile includes historical demography, Indigenous health transitions and northern cultures. Sköld is newly elected President of the International Arctic Social Sciences Association (IASSA), council member of the University of the Arctic (UArctic) and vice-chair for the Working Group (WG) Human and Social Sciences in the International Arctic Science Committee (IASC). From 2014 to 2018 Sköld is co-scientific leader of the €4.5 million project New Governance for Sustainable Development in the European Arctic, involving 30 researchers.

Andrew Taylor's research focuses on understanding population change in northern parts of developed nations. He is interested in the causes and consequences of population-related change to inform policy and to benefit communities. He has published widely on the topics of demographic determinants of population change, Indigenous demography and tourism for remote areas. Andrew worked with the Australian Bureau of Statistics for a decade before entering academia. His current research interests include explaining population ageing for northern regions, projecting northern populations, understanding changing Indigenous populations and settlement distributions, and research on the potential contributions of tourism for remote regions.

Michelle Thompson is an Associate Lecturer at CQUniversity, Australia and undertook her PhD studies at James Cook University. Her PhD research investigated the development of tourism in agricultural regions in Australia. Michelle's research interests include food and wine tourism, regional development and sustainable tourism development. Michelle has worked as a research assistant, conducting research on tourists' reef and rainforest experiences in projects funded by the National Environmental Research Program (NERP) and the Marine and Tropical Science Research Facility (MTRSF). Her involvement in these programmes has also led to her co-authoring ten research papers, book chapters and conference papers in addition to numerous reports.

Patrick Timony is a PhD candidate with the School of Rural and Northern Health at Laurentian University in Sudbury, Ontario, Canada, and a Research Associate with the Centre for Rural and Northern Health Research (CRaNRH), also located at Laurentian University. His research interests include investigating health services in rural, remote, and northern communities, with a particular focus on language concordant patient–physician interactions and recruitment and retention initiatives in underserved areas. Some of his notable work includes research on French language physicians’ services and their impact on patient satisfaction; as well as research on the influence of the ‘rural pipeline’, which consists of a longitudinal examination of medical students and graduates exposed to and trained in rural and underserved areas, and how this experience impacts their decisions surrounding locations and scope of practice.

Ana Vuin is a PhD candidate at the Northern Institute at Charles Darwin University, Australia interested in researching and analysing rural communities and their migration patterns worldwide. Her dissertation is focused on the rural, remote and isolated areas in Australia, Sweden and Croatia, and analyses how well contemporary theories of migration account for patterns of migration to those communities. Ana earned her MA degree in Tourism and Leisure Management at the IMC University of Applied Sciences Krems, Austria, and spent one semester as a study abroad student (research assistant) at the Flinders University, Australia, where she researched Community Development of Rural Areas as a member of a Mid-North Knowledge Partnership team. Her Master’s thesis ‘Understanding the role of heritage tourism assets in rural migration decisions: case studies from rural South Australia’ was built on that research.

Elizabeth Wenghofer is an Associate Professor and Director of the School of Rural and Northern Health, Laurentian University, Canada. She holds a cross appointment to the Northern Ontario School of Medicine and is adjunct faculty in the Faculty of Medicine at the University of California San Diego. Prior to joining Laurentian, she led the research activities of the College of Physicians and Surgeons of Ontario for 11 years where her research focused on physician assessment. Elizabeth completed her PhD in Health Services and Systems Research at the Institute of Medical Sciences, Faculty of Medicine, University of Toronto, in 2005. Elizabeth’s research interests lie in the areas of physician performance, continuing medical education/professional development, and health human resources planning; all with a particular focus on rural areas. Her current research activities investigate the factors that influence practice performance throughout a

physician's career, particularly focusing on understanding the relationships between performance, the practice environment and continuing professional development.

Ed Wensing is a PhD Scholar at the National Centre for Indigenous Studies, The Australian National University, Canberra, Australia, and holds a Bachelor of Arts with Honours in Political Science and Geography from the Australian National University. Ed is an experienced urban and regional planner and policy analyst with over 40 years' experience and has worked extensively with Aboriginal and Torres Strait Islander people and communities, principally on land tenure, native title rights and interests, urban and regional planning, and natural and cultural resource management matters. Ed is also a Visiting fellow at the Australian Institute of Aboriginal and Torres Strait Islander Studies in Canberra, and holds Visiting Lecturer posts in the College of Marine and Environmental Sciences at James Cook University in Cairns and in the Urban and Regional Planning Program at the University of Canberra.

Daniel R. White completed his medical degree at Flinders University, Australia in 2015 and is currently undertaking specialist studies. Before beginning medicine he graduated from Pharmaceutical Engineering with honours at the University of Adelaide. He has a range of research experience and interests including rural health workforce planning, using high-sensitivity troponin for predicting non-cardiac injury, nanoparticle formulations for applications in bone tissue engineering and has provided scientific guidance for the regulatory approval of vibration treatment in osteoarthritis. During his undergraduate years, Daniel worked on the ARISTOTLE trial (comparing Apixaban and Warfarin in Patients with Atrial Fibrillation) as a research assistant at the Basil Hetzel Institute. Daniel held leadership positions as vice-president of the Flinders University Surgical Society in 2012–13 and as president of the Pharmaceutical Engineers Adelaide Student Chapter in 2010–11.

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