Contributors

Marilyn A. Brown is an Endowed Professor of energy policy in the Georgia Institute of Technology’s School of Public Policy, USA and a distinguished visiting scientist at Oak Ridge National Laboratory, USA. The author of two books and more than 250 publications, she is a co-recipient of the 2007 Nobel Peace Prize, for contributing to the report on Mitigation of Climate Change. Brown has served on six committees of the National Academies of Sciences, including the Committee on America’s Climate Choices and the Board of Energy and Environmental Systems. She co-founded the Southeast Energy Efficiency Alliance and is a member of the Editorial Board of the Journal of Energy Efficiency. In 2010, she was sworn onto the board of directors of the Tennessee Valley Authority, the USA’s largest public power provider, following her nomination by President Barack Obama.

John R. Bryson is Professor of Enterprise and Competitiveness at the Birmingham Business School, University of Birmingham, UK. His research initially focused on the rise and role of business and professional services (BPS) but since 2005 has explored the changing economic geography of manufacturing in developed market economies. This research has explored the interactions between BPS and manufacturing and, in particular, the role design plays in the competitiveness of manufacturing firms. His books include Service Worlds: People, Organisations, Technologies (Routledge); Hybrid Manufacturing Systems and Hybrid Products (IMA/ZLW & IfU); Design Economies and the Changing World Economy (Routledge) and Industrial Design, Competition and Globalization (Palgrave).

Susan Christopherson is a Professor in the Department of City and Regional Planning at Cornell University, USA. An economic geographer with a commitment to comparative research, her central concern is the social and economic dimensions of urban and regional development.

Jennifer Clark is an Associate Professor in the School of Public Policy and the Director of the Center for Urban Innovation at the Georgia Institute of Technology, USA. Her research focuses on regional economic development, manufacturing, industrial districts and innovation. Her first book, Remaking Regional Economies: Power, Labor, and Firm Strategies in the Knowledge Economy (with Susan Christopherson; Routledge) won the Best Book Award from the Regional Studies Association in 2009. Her newest book, Working Regions: Reconnecting Innovation and Production in the Knowledge Economy (Routledge, 2013), focuses on policy models aimed at rebuilding the links between innovation and manufacturing in the US.

Margaret Cowell, PhD, is an Assistant Professor of Urban Affairs and Planning at Virginia Tech, USA. She is a member of the John D. and Catherine T. MacArthur Foundation-funded research project, ‘Building Resilient Regions’ and is also part of a team of researchers assessing the potential of the homeland security economy for
Contributors

ix

community economic development at the St. Elizabeth’s Hospital site in Southeast Washington, DC. Dr Cowell’s research has been funded by the MacArthur Foundation, National Association of Counties and the United States Economic Development Administration.

Marc Doussard is an Assistant Professor in the Department of Urban and Regional Planning at the University of Illinois at Urbana-Champaign, USA and the author of Degraded Work (University of Minnesota Press). His research focuses on low-wage labour markets and the generation of living-wage jobs.

Dawn M. Drake is an Assistant Professor in the Department of History and Geography at Missouri Western State University, USA. Her research focuses on various geographic issues of competitiveness for the farm machinery industry in the US and abroad.

Colin G. Drury is Distinguished Professor Emeritus of Industrial and Systems Engineering, University at Buffalo, State University of New York, USA. He has over 200 publications in the field of aviation human factors and was awarded the Federal Aviation Agency’s ‘Excellence in Aviation Research’ award in 2005.

Andrew Dugenske is the Manager of Research Services and a Principal Research Engineer at the Georgia Tech Manufacturing Institute, USA.

Maryann Feldman is the Heninger Distinguished Professor in the Department of Public Policy at the University of North Carolina, USA. Her research and teaching interests focus on the areas of innovation, the commercialization of academic research, and the factors that promote technological change and economic growth.

Paul L. Forrester is currently Senior Teaching Fellow in Enterprise and Management at Keele Management School, Keele University, UK. His main field of interest is in the design and organization of production and operations. His early research focused on production systems design, quality, flexibility, just-in-time and agility. The current focus of his research is on the management and organization of projects, process analysis and mapping, enterprise resources management and the management of international operations.

Chris Gibson is Professor of Geography and Director of the Global Challenges Research Program at the University of Wollongong, Australia. His research interests are in cultural economy and regional transformation. His recent books include Creativity in Peripheral Places: Redefining the Creative Industries (Routledge) and (with Andrew Warren) Surfing Places, Surfboard Makers (University of Hawaii Press, 2014).

Peter V. Hall is an Associate Professor of Urban Studies at Simon Fraser University in Vancouver, Canada. His research examines port cities, seaports and logistics, as well as local economic development. His publications include Cities, Regions and Flow (Routledge, 2013).

Teis Hansen is Associate Senior Lecturer at the Department of Human Geography, Lund University and Researcher at the Centre for Innovation, Research and Competence in the Learning Economy (CIRCLE), Lund University, Sweden. In addition to the development of low-tech industries, he has been working on collaborative innovation
projects in the cleantech industry and cross-border innovation. Current research is on the geography of sustainability transitions and technology transfer in the field of environmental technologies.

Catherine Harris is a Postdoctoral Research Fellow at the University of Sheffield, UK. Her research interests are in the fields of entrepreneurship and enterprise, ethnic entrepreneurship, social difference, EU enlargement and EU migration. Her recent research includes the first large-scale study of the experiences of Polish migrant entrepreneurs in the West Midlands region of the UK.

Patrice Jalette is Professor at the School of Industrial Relations of Université de Montréal, Canada. Co-researcher at the Inter-University Research Centre on Globalization and Work, Canada, he researches questions relating to employment and labour relations in multinational companies and restructuring firms.

Ronald V. Kalafsky is an Associate Professor in the Department of Geography at the University of Tennessee, USA. Research interests include the geographies of manufacturing and trade, especially location-based competitive issues for firms in mature industrial regions, including Canada and Japan. Research has been published in journals such as the Asia Pacific Business Review and Journal of Geography.

William C. Kessler, before retirement, was the Director of Executive Programs in the Tennenbaum Institute and a Professor of Practice in the School of Industrial and Systems Engineering, Georgia Institute of Technology, USA. His specific focus was on aligning interdisciplinary and trans-disciplinary research with real-world enterprise system challenges such as capabilities for manufacturing in global complex (socio-technical-policy) enterprises. Kessler is co-editor of the book (published IOS Press, 2012) Enterprise Transformation – Manufacturing in a Global Enterprise.

Gyungwon Kim is a PhD student in the School of Public Policy of the Georgia Institute of Technology, USA. She started her PhD in 2008, with an interest in clean energy policy and associated economic development impacts. She also has a Master’s in City and Regional Planning from Seoul National University and a BS in Urban Engineering from the University of Seoul in South Korea. Her current work is focused on policy to promote energy efficiency, and estimating its macroeconomic impact using the National Energy Modeling System and Input–Output modeling. She is a Graduate Research Assistant in the Climate and Energy Policy Laboratory.

Dieter F. Kogler is a Lecturer in Economic Geography at University College Dublin, Ireland. His research focus is on the geography of innovation and evolutionary economic geography, with particular emphasis on knowledge production and diffusion, and processes related to technological change and innovation.

Lauren Lanahan is a PhD candidate in the Public Policy Department at the University of North Carolina at Chapel Hill, USA. Her research interests include science and technology policy, economic development, entrepreneurship and policy evaluation.

Finnbarr Livesey is currently Lecturer in Public Policy in the Department of Politics and International Studies, University of Cambridge, UK and academic visitor at the Institute for Manufacturing, Department of Engineering, University of Cambridge. He
spent five years as a technology developer and consultant with Olivetti Research Labs and Cambridge Consultants Ltd. From 2004 to 2011 he ran the Centre for Industry and Government at the Institute for Manufacturing, University of Cambridge. His research focused on the role of government in supporting growth based on the emergence of new industries, and how policy making is changing due to the emergence of new technologies.

**Nichola J. Lowe** is Associate Professor of City and Regional Planning at the University of North Carolina at Chapel Hill, USA. Her research focuses primarily on regional economic and labour market adjustment in the North American context. Her work has been published in economic development and planning journals, including *Environment and Planning A, Economic Geography, Economic Development Quarterly* and *World Development*.

**Lynn McCormick** is an Associate Professor in the Department of Urban Affairs and Planning at Hunter College/City University of New York, USA. Her work focuses on community and economic development. Recent publications have investigated business associations’ roles as workforce development intermediaries and the economic development goals of big cities’ climate change plans.

**Rachel Mulhall** is a Research Fellow at the Birmingham Business School, University of Birmingham, UK. She is a co-author of a 2013 paper on ‘The Energy Hot Potato and Governance of Value Chains: Power, Risk and Organizational Adjustment in Intermediate Manufacturing Firms’, *Economic Geography*, 89. Her research interests are in firm and supply chain competitiveness, the regional economy, and the influence of energy, commodity markets and procurement in shaping competitiveness.

**Sam Ock Park** is Professor Emeritus of Seoul National University and Chair Professor at Gachon University, South Korea. He has published 20 books and 150 papers in English and Korean, focusing on Modern Economic Geography and Globalization and the Asia Pacific Region. His current research interests are the dynamics of economic spaces and global knowledge networks.

**Petr Pavlínek** is a Professor of Geography at the University of Nebraska at Omaha, USA and at Charles University in Prague, Czech Republic. His recent articles have appeared in *Economic Geography*, the *Journal of Economic Geography*, *Cambridge Journal of Regions, Society and Economy* and *European Urban and Regional Studies*. His research focuses on the regional development effects of foreign direct investment and the automotive industry in East-Central Europe.

**John Provo**, PhD, is Director of Virginia Tech’s Department of Economic Development and an Adjunct Professor in the Urban and Affairs and Planning Program at Virginia Tech, USA. A ‘pracademic’ with more than 15 years of economic development experience in higher education and government, he builds partnerships that link university, community, and industry resources. He has researched and designed recent projects with manufacturers producing transportation equipment, composite materials and biopolymers. His work has been supported by various local, state and national funders, including the United States Economic Development Administration, United States Department of Labor and the Ford Foundation.
Megan Ronayne is an Economic Geographer based at the Birmingham Business School, University of Birmingham, UK. Her research interests focus on understanding the evolving economic geography of manufacturing in developed market economies with a particular focus on identifying and understanding survival strategies and competitiveness and emergent industries.

Greg Schrock is an Assistant Professor in the Nohad A. Toulan School of Urban Studies and Planning at Portland State University, USA. His research focuses on workforce development policies and their role in promoting industrial revitalization and social equity.

Carey Durkin Treado is an Economist whose research focuses on industrial organization in the context of international markets, including a four-year study of the steel industry value chain at the University of Pittsburgh, USA. In addition to academia, she has worked with the public sector and is the co-founder of a high-tech company. She is currently working as a consultant to the Competitive Industries Global Practice of the World Bank.

Vida Vanchan is an Associate Professor of Geography and Planning at SUNY-Buffalo State, USA. She is the author and co-author of a book and several journal articles on the competitive characteristics and dynamics of industrial design firms. Her research interests include industrial competitiveness and competitive characteristics of firms; development; international trade, foreign direct investment; multicultural management and negotiation; Southeast Asia; and emerging economies.

Susan Walcott is a Professor of Geography at the University of North Carolina at Greensboro, USA. She is the author and co-author of papers on China and the furniture industry, including a 2012 paper titled ‘Developing China’s West: Producer Services in Metropolitan Xi’an’ (with Chen Ying), Special Issue Regional Science Policy and Practice; and ‘The Furniture Foothills and the Spatial Fix: Globalization in the Furniture Industry’ (2011) Southeastern Geographer. Her current research interests focus on industry changes relating to global competitive restructuring of the furniture industry, and Chinese outward foreign direct investment.

Ben Wang is Executive Director of Georgia Tech Manufacturing Institute, USA. He holds the Gwaltney Chair in Manufacturing Systems in the School of Industrial and Systems Engineering and is a Professor in the School of Materials Science and Engineering.

Michael Ward is Professor of Micro Electro Mechanical Systems (MEMS) Technology at Birmingham City University, UK. He initially trained as a physicist. His research focus is on various aspects of microelectronics and micro engineering. He worked at the RSRE (now Qinetiq), Malvern UK. At the RSRE he worked on the development of narrow band gap infrared detectors and radiation hard electronics, and became interested in MEMS. In 1999 he moved to the University of Birmingham, where he established a research activity on micro sensors. He is now based at Birmingham City University and remains interested in micro sensors and their applications, but has a special interest in energy harvesting technology, including micro nuclear power sources and additive manufacture.
Andrew Warren is Lecturer in Economic Geography at the University of Wollongong, Australia. His research interests include cultural and political economic theory, manufacturing, labour geographies and regional development. Andrew is a lifelong surfer. His recent book with Chris Gibson is titled *Surfing Places, Surfboard Makers* (University of Hawaii Press, 2014).

Sally Weller is an Australian Research Council Future Fellow at Monash University, Victoria, Australia. Her current research is focused on the restructuring of regional agricultural and energy sector labour markets as a consequence of shifts in government policy. Her 2001 book, *Re-fashioning the Rag Trade* (University of New South Wales Press), co-authored with Michael Webber, traces the decline of the Australian clothing industry after trade liberalisation.

Lars Winther is Associate Professor at the Department of Geosciences and Natural Resource Management, University of Copenhagen, Denmark and head of the research group Transformation of Cities and Landscapes. His research area is within economic geography, with special focus on industrial location and change, urban and regional development, and the geography of the knowledge economy.

Laura Wolf-Powers is an Assistant Professor of City and Regional Planning at the University of Pennsylvania, USA. Her research involves metropolitan labour markets and employment policies as well as the political economy of urban economic and community development.