

Contributor Biographies

Steven Casper is the Henry E. Riggs Professor of Management at the Keck Graduate Institute of Applied Life Sciences in Claremont, California. His research focuses on comparative studies of the development of new technology industries, with a special interest in processes by which biomedical science has been commercialized across the United States and Europe. He has published a book on the development of science-based industry in Europe (*Creating Silicon Valley in Europe: Public Policy Towards New Technology Industries*, Oxford University Press, 2007). Dr. Casper was previously a faculty member at the University of Cambridge, UK, where he was a University Lecturer in Innovation and Entrepreneurship at the Judge Institute of Management Studies. He was previously employed as a Senior Research Fellow at the Social Science Center, Berlin. He received a PhD in government from Cornell University. In 2009, Casper was awarded a Fulbright Research Scholarship to Canada.

Martin Kenney is a Professor at the University of California, Davis, and a Senior Project Director at the Berkeley Roundtable on the International Economy. He has published five books and over 120 scholarly articles on venture capital, university-industry technology transfer, new industry formation, and technology-enabled globalization. His two recent edited books *Understanding Silicon Valley* and *Locating Global Advantage* were published by Stanford University Press, where he is the editor of a book series in innovation and globalization. He has been a visiting scholar at the Economic Research Institute of Finland, Copenhagen Business School; Judge School of Management, University of Cambridge; Institute of Innovation Studies, Hitotsubashi University; Kobe University; and Tokyo University. In 2009 he was a visiting scholar at the Stanford University

Asia Pacific Research Center and in 2011 at the Economic Institute of Finnish Economy. He has consulted for or lectured at various private sector organizations, including Association of Computing Machinery, Cisco, Dell India, Intel, and GHX, and public sector organizations such as Inter-american Development Bank, National Academy of Engineering, National Academy of Science, the National Research Council, OECD, the President's Council on Science and Technology, World Bank, and the World Economic Forum. He is the West Coast editor for *Research Policy*.

James Lapsley is a Continuing Educator Emeritus UCD Extension, where he directed the Department of Agricultural and Natural Sciences from 1978 to 2009. After retirement he assumed a 30 percent position as an Adjunct Associate Professor UC Davis, Department of Viticulture and Enology, and as researcher in the Agricultural Issues Center. He is the author of *Bottled Poetry* (UC Press, 1996), a study of the emergence of the Napa Valley and a market for higher-quality wine in the United States. He coedited *Successful Wine Marketing*, which was awarded the OIV Grand Prize in 2001 for the Best Book on Wine Economics. Lapsley was President and Winemaker for Orleans Hill Winery from 1980 to 2002, a winery that specialized in wine produced from organically grown grapes. In 2003, Lapsley was a Fulbright Scholar in Uruguay, where he collaborated with faculty in the Schools of Chemistry and Agronomy to create a degree program in enology. He received his PhD in history from UC Davis in 1994 and has written numerous papers on California wine history.

Christophe Lécuyer is a Professor of the History of Science and Technology at the Université Pierre et Marie Curie and a Senior Research Fellow at the Charles Babbage Institute at the University of Minnesota. He is known for his research on the history of Silicon Valley and the history of high technologies. Among his publications are *Making Silicon Valley: Innovation and the Growth of High Tech, 1930–1970* (MIT Press, 2005) and *Makers of the Microchip: A Documentary History of Fairchild Semiconductor* (MIT Press, 2010, in collaboration with David C. Brock). Christophe Lécuyer has taught at MIT, Stanford University, and the University of Virginia and held a managerial position at the University of California Office of the President. He was a Senior Fellow at the Collegium de Lyon and the Institute for Advanced Study at Central European University and a Visiting Professor at Telecom Ecole de Management and the Ecole des Hautes

Etudes en Sciences Sociales. He is a graduate of the École Normale Supérieure (Ulm) and received his PhD from Stanford.

Cyrus C. M. Mody is an Assistant Professor of the History of Science, Technology, and Engineering in the Modern Era (c. 1600 to the present) at Rice University. His own research focuses on the physical and engineering sciences in the very modern era (c. 1970 to the present), with particular emphasis on the creation of new communities and institutions of science in the late Cold War and the post-Cold War periods. His book, *Instrumental Community: Probe Microscopy and the Path to Nanotechnology* (MIT 2011) explores the coevolution of an experimental technology (the scanning tunneling microscope and atomic force microscope and their variants) and the community of researchers who built, bought, used, sold, theorized, or borrowed these instruments. Currently, he is working on a history of the communities and institutions of nanotechnology, in collaboration with colleagues at the Center for Nanotechnology in Society at the University of California, Santa Barbara, and the Chemical Heritage Foundation in Philadelphia.

David C. Mowery is the William A. & Betty H. Hasler Professor of New Enterprise Development at the Walter A. Haas School of Business, University of California, Berkeley. He earned a BA, an MA, and a PhD in economics, each from Stanford University. He began his teaching career as an Assistant Professor in the Social and Decision Sciences Department, Carnegie-Mellon University in 1982, being promoted to Associate Professor prior to moving to UC Berkeley in 1988. He has also served as Assistant to the Counselor, Office of the U.S. Trade Representative and a Fellow at the Council on Foreign Relations.

Mowery has also been an expert witness at congressional hearings on science and technology policy issues; a member of National Research Council panels, including Competitive Status of the U.S. Civil Aviation Industry, Causes and Consequences of the Internationalization of U.S. Manufacturing, Federal Role in Civilian Technology Development, U.S. Strategies for the Children's Vaccine Initiative, and Applications of Biotechnology to Contraceptive Research and Development; a member of the Committee on Science, Engineering, and Public Policy, American Association for the Advancement of Science, 1997–2003; a member of the Presidential Commissions on Offsets in International Trade, 2000–2001;

a coeditor of special issues of the journals *Industrial and Corporate Change* and *Management Science*; and an advisor to the Organization for Economic Cooperation and Development, as well as various federal agencies and industrial firms.

Mowery's research interests include the impact of technological change on economic growth and employment, the management of technological change, and international trade policy and U.S. technology policy, especially high-technology joint ventures.

Donald Patton is a Research Associate with the Department of Human and Community Development at the University of California, Davis. He received his doctorate in economics from the University of California, Davis, in 1993.

His current research interests involve clusters, entrepreneurship, and economic development. Other research interests revolve around university intellectual property rights and policies affecting the transfer of university technology. In addition, he has been involved in constructing a database of all initial public offerings in the United States from 1988 to the present. Support for this effort has been provided by the National Science Foundation, the Small Business Administration, and the Kauffman Foundation.

Daniel Sumner is the Frank H. Buck Jr. Professor in the Department of Agricultural and Resource Economics at the University of California, Davis, and the Director of the University of California Agricultural Issues Center. He participates in research and teaching and directs an outreach program related to public issues related to agriculture.

He has published broadly in academic journals, books, and industry outlets. His research and writing have received numerous awards for research quality, quality of communication, and contribution to policy. He has served as Chair of the International Agricultural Trade Research Consortium, a consultant for farm organization, government agencies, and firms and is a frequent speaker at national and international conferences and symposia. In 1998, he was named a Fellow of the American Agricultural Economics Association for his career achievement.

From 1978 to 1992 Sumner was a Professor in the Division of Economics and Business at North Carolina State University. He spent much of the period after 1986 on leave for government service in Washington, D.C., where he served on the President's Council of Economic Advisers before moving to the USDA. Immediately prior to moving to California

in January 1993, Sumner was the Assistant Secretary for Economics at the U.S. Department of Agriculture, where he contributed to policy formulation and analysis on the whole range of topics facing agriculture and rural America—from food and farm programs to trade, resources, and rural development. In his role as supervisor of the USDA's economics and statistics agencies, Sumner was also responsible for data collection, outlook, and economic research.

Sumner received a bachelor's degree in agricultural management from California Polytechnic State University in San Luis Obispo in 1971, a master's degree from Michigan State in 1973, and a PhD in economics from the University of Chicago in 1978.

Mary Walshok is the Associate Vice Chancellor for Public Programs, Dean of University Extension, and Professor of Sociology at the University of California, San Diego. She oversees a \$37 million university division that educates 56,000 enrollees annually and reaches 22 million households through UCSD-TV and UCTV, as well as millions more through the web. A thought leader on aligning workforce development with regional economic growth and innovation, she is the author of *Blue Collar Women*, *Knowledge without Boundaries*, *Closing America's Job Gap*, and *Invention and Reinvention: The Evolution of San Diego's Entrepreneurial Economy* (2014, Stanford University Press). As an industrial sociologist, she has been researching various American regions for the U.S. Department of Labor, NSF, and Lilly Foundation. One of her current research projects is an NSF-funded study of the role of boundary-spanning organizations in shaping the social and cultural dynamics of the highly innovative regions. Walshok is also active on numerous community and national boards and is a cofounder of CONNECT, one of the most admired innovation cluster development organizations in the world.

Joel West is Professor of Innovation & Entrepreneurship at the Keck Graduate Institute of Applied Life Sciences. He is an internationally known researcher on innovation management, Dr. West has been invited to speak at industry and academic events on five continents. He is particularly known for his work on open innovation, as coeditor of *Open Innovation: Researching a New Paradigm* (Oxford, 2006) and cofounder (with Henry Chesbrough) of the Open Innovation Community. His other research areas include renewable energy, entrepreneurship, intellectual property, open-source software, international business, and strategies for IT vendor firms.

Before joining KGI in 2011, he spent nine years as an Associate Professor and then Professor at San José State University in its College of Business and Lucas Graduate School of Business. He has also taught at UC Irvine, Pepperdine, and Temple University Japan. He has a PhD in Management from the University of California, Irvine, and an SB in Interdisciplinary Sciences (Meteorology) from the Massachusetts Institute of Technology. Prior to becoming an academic, he had an extensive career as an engineer, manager, and entrepreneur in the software industry.