

About the Contributors

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Chen, chief of the research projects unit of the Office of the Chief Economist at Canadian Department of Foreign Affairs, Trade and Development (DFATD), is responsible for economic analysis in support of the department's trade negotiations and promotion. His research focus has been on all aspects of global commerce, particularly in the field of economic modeling to assess the potential economic impact of Canada's trade policy initiatives. Chen earned a PhD in economics from Dalhousie University in Halifax, Canada.

Justino De La Cruz

International Economist, U.S. International Trade Commission

De La Cruz conducts research, writes and leads reports for the U.S. trade representative and Congress. Prior to joining the U.S. International Trade Commission, De La Cruz taught international trade and finance, econometrics and statistics, and business forecasting at the University of Texas and Trinity University. He has been a visiting scholar at Banco de México and an economist at the Inter-American Development Bank and at Wharton Econometrics Forecasting Associates. He earned his PhD in economics from Iowa State University.

Alan V. Deardorff

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In addition to serving as the John W. Sweetland Professor of International Economics, Deardorff is a professor of economics and public policy at the University of Michigan. A member of the faculty since 1970, he has previously served as chair of the economics department and is associate dean of the Gerald R. Ford School of Public Policy. He is coauthor, with Robert M. Stern, of *The Michigan Model of World Production and Trade* and *Computational Analysis of Global Trading Arrangements* and author of *Terms of Trade: Glossary of International Economics* (now in its second edition). His work on international trade theory has dealt primarily with the theory of comparative advantage and the Heckscher–Ohlin and other models that explain the patterns and effects of international trade. His work on trade policy has included analyses of antidumping laws, the safeguards clause of the GATT, and arguments for and against extending intellectual property protection to developing countries. Deardorff holds a PhD from Cornell University.

Peter B. Dixon

Professor, Victoria University

Dixon is a professor in the Centre of Policy Studies at Victoria University in Melbourne. Most recently, he has led the development of the USAGE model of the U.S., a product used by the U.S. International Trade Commission and the Departments of Agriculture, Commerce, Energy, Transportation and Homeland Security. Previously, Dixon led the teams that created Australia's ORANI model, the first detailed (100+ industries) computable general equilibrium model regularly used in policy analysis, and its successor, MONASH. He is coeditor with Dale Jorgenson of the two-volume *Handbook of Computable General Equilibrium Modeling*. Dixon holds a doctoral degree from Harvard University.

Peyton Ferrier

Research Economist, U.S. Department of Agriculture

Ferrier has been a research economist in the Markets and Trade Division of the USDA's Economic Research Service since 2006. His work focuses on the interaction of food regulation and trade. Ferrier's recent work examines whether phytosanitary measures act as trade barriers to U.S. imports of fruits and

vegetables and how costs associated with new regulations under the Food Safety and Modernization Act pass through to consumers of produce. His previous work has considered the effectiveness of current food safety tests for beef trim in improving food safety, the size of consumer welfare benefits associated with the liberalization of Indian mango imports, and the role that alternative phytosanitary treatments play in fostering fruit and vegetable imports. Ferrier earned a PhD in economics from North Carolina State University.

Alan K. Fox

International Economist, U.S. International Trade Commission

Fox, an international economist at the U.S. International Trade Commission, has focused on the analysis of international trade policy and the interaction of trade and environmental policy. His work with Pilar Londoño-Kent (CIPROMA) on NAFTA border-crossing issues began over a decade ago and has also included collaborative work with Paul Kent (Nathan Associates), investigating the economic effects of port efficiency. His decade of research and publication with Carolyn Fischer (Resources for the Future) on modeling the interaction of trade and environmental policy has contributed to the understanding of the importance of considering preexisting taxes and market distortions when comparing the effectiveness of different abatement mechanisms. Fox has also contributed extensively to the analysis of the effects of trade liberalization and free trade agreements. He earned a PhD in economics from the University of Michigan.

James Gerber

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Gerber has been at San Diego State University since 1985 and is currently a professor of economics. He served as director of the International Business Program from 2009 to 2012 and was director of the Center for Latin American Studies from 2002 to 2009. He is the author of *International Economics*, and coauthor of *Fifty Years of Change on the U.S.–Mexico Border*. He has also published numerous journal articles and book chapters on U.S.–Mexico relations, the U.S.–Mexico border and the Mexican economy. His current research is focused on the history of financial crises in Latin America and the U.S.–Mexico border economy. Gerber earned his doctorate in economics from the University of California, Davis.

Jeremy T. Harris

Economist, Inter-American Development Bank

Harris has worked as an economist and integration and trade specialist at the Inter-American Development Bank (IDB) for more than eight years. He participated in supporting several trade negotiation processes, including the Free Trade Area of the Americas and the Dominican Republic–Central America Free Trade Agreement as well as others within Latin America, with an emphasis on rules of origin and market access. At the IDB, he has participated in the design and development of several databases and information systems regarding market access. He also has written on preferential trade agreements and their systemic effects on regional and global trade. Prior to joining the IDB, he worked as a consultant for the United Nations–Economic Commission for Latin America and the Caribbean, the Caribbean Community Secretariat, the Department for International Development and the GIZ (German Agency for Technical Cooperation). Harris holds a PhD in economics from the University of Maryland.

Timothy J. Kehoe

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Since 1987, Kehoe has been a professor in the department of economics at the University of Minnesota, where he is currently Distinguished McKnight University Professor. He is also an adviser at the Federal Reserve Bank of Minneapolis. Kehoe's research and teaching focus is on the theory and application of general equilibrium models. He advised the Spanish government on the impact of joining the European Community in 1986, the Mexican government on the impact of joining NAFTA in 1994 and the

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Anne O. Krueger

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Krueger is senior research professor of international economics at the School of Advanced International Studies at Johns Hopkins University. She joined the faculty in 2007 following her post at the International Monetary Fund, where she served as first deputy managing director and as acting managing director. Other positions include serving as the Herald L. and Caroline L. Ritch Professor in Humanities and Sciences (emeritus) in the economics department at Stanford University, founding director of Stanford's Center for International Development, senior fellow at the Hoover Institution, teaching positions at the University of Minnesota and Duke University, visiting professorships at a number of universities in the U.S. and abroad and as chief economist of the World Bank. Krueger has published many books and articles on international economics. Her most recent book, *Struggling with Success: Challenges Facing the International Economy*, was published in 2012. Krueger received her PhD in economics from the University of Wisconsin.

Pilar Londoño-Kent

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Londoño-Kent is a consultant with 30 years of experience in international trade, port institutional framework and transportation. She has conducted projects of trade facilitation in Colombian government agencies, including institutional analysis and rationalization of the import operations of the Colombian Institute of International Trade. Londoño-Kent has also worked extensively for the World Bank Trade Facilitation and Transportation offices, where she has published numerous articles on the road freight industry and cost of efficiency in maritime and land border crossing. She has also been an invited guest witness at a U.S. International Trade Commission hearing and a guest lecturer at the McDonough School of Business at Georgetown University. Londoño-Kent received a PhD in international trade and transportation economics from Erasmus University in Holland.

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In addition to serving as the James A. Baker III and Susan G. Baker Fellow in Energy and Resource Economics at Rice University's Baker Institute, Medlock is the senior director of the Center for Energy Studies and adjunct professor and lecturer in the Department of Economics at Rice University. He is a principal in the development of the Rice World Natural Gas Trade Model and has published numerous scholarly articles on natural gas markets, energy commodity price relationships, gasoline markets, transportation, national oil company behavior, economic development and energy demand, and energy use and the environment. Medlock has served as an adviser to the U.S. Department of Energy and the California Energy Commission in their respective energy modeling efforts. He was the lead modeler of the Modeling Subgroup of the 2003 National Petroleum Council (NPC) study of long-term natural gas markets in North America and was a contributing author to the NPC study "North American Resource Development." Medlock received his PhD in economics from Rice University.

André Varella Mollick

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Mollick is a professor of economics at the University of Texas–Pan American. He joined the university in 2004 and held previous positions at Mexico's ITESM in Monterrey and in the U.S. private sector. His research interests are in development economics, international finance and macroeconomics. His research has been published in professional journals, including *Economic Development Quarterly*, *Journal of*

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Pia M. Orrenius

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Orrenius, vice president and senior economist at the Federal Reserve Bank of Dallas, works on regional economic growth and demographic change. She manages the Texas Business Outlook Surveys and is executive editor of the Dallas Fed publication *Southwest Economy*. Her academic research focuses on the labor market impacts of immigration, unauthorized immigration and U.S. immigration policy. She is coauthor of the book *Beside the Golden Door: U.S. Immigration Reform in a New Era of Globalization*. Orrenius is a research fellow at the Tower Center for Political Studies at Southern Methodist University and at the IZA Institute of Labor in Bonn, Germany, a visiting scholar at the American Enterprise Institute, and adjunct professor at Baylor University (Dallas campus) in the executive MBA program. She earned a PhD in economics from the University of California, Los Angeles.

Fernando Parro

Economist, Federal Reserve System Board of Governors

Parro, an economist in the international finance division, has been at the Federal Reserve Board since 2011. He has previously served as a research assistant at the University of Chicago, research assistant to Governor Vittorio Corbo at the Central Bank of Chile, lecturer at Pontificia Universidad Católica de Chile and research associate at Vittorio Corbo y Asociados. Parro's primary field of interest is in international trade. Other areas of interest are macroeconomics, development economics and human capital. His work has been published in the *American Economic Journal: Macroeconomics*, 2013; *New Developments in Computable General Equilibrium Analysis for Trade Policy (Frontiers of Economics and Globalization*, vol. 7); and *Latin American Journal of Economics*, among others. Parro earned a PhD in economics from the University of Chicago.

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Rimmer is a professor in the Centre of Policy Studies at Victoria University in Australia. Her main area of expertise is model development and application. Rimmer is the author or coauthor of 55 scholarly published articles appearing in mathematics and economics journals and edited volumes. She is also the coauthor of numerous consultancy reports. With Peter Dixon, she is the codeveloper of the MONASH model of the Australian economy. In the last 15 years, she has been a key contributor in the development, application and documentation of USAGE, a 500-industry dynamic model of the U.S. economy, with facilities for generating results for the 50 states and 700 occupations. Rimmer holds a PhD in mathematics from La Trobe University in Melbourne, Australia.

José Romero

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Romero has been a research professor in the Center for Economic Studies at El Colegio de México since 1988. His areas of interest include the Mexican economy, international trade, international finance and economic development. Romero is coauthor, with Alicia Puyana, of *México: De la crisis de la deuda al estancamiento económico*. He has also been published in *EconoQuantum* and *Economía Informa*, among others. Romero earned a PhD in economics from the University of Texas at Austin.

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Schmitt is a professor of economics at Simon Fraser University in Vancouver, Canada. His fields of research are international trade and international organization. His research has been published widely, including in the *American Economic Review*, *Journal of International Economics*, *International Economic Review* and *Journal of Public Economics*, on topics such as immigration, nontariff barriers, parallel imports, the role of intermediaries in international trade, product differentiation and European economic integration. He previously held positions at the University of Geneva (Switzerland), the University of Western Ontario and at Laval University. Schmitt earned a PhD in economics from the University of Toronto.

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Sempere has been a professor of economics at El Colegio de México since 1992. He has also served as director and coordinator of graduate studies at the college's Center for Economic Studies. He was recently a visiting professor and Marie Curie Researcher at the Universidad Carlos III de Madrid. Sempere's research on greenhouse gas emissions has been published in *Environment and Ecology Research* and *Environmental and Resource Economics*. He has worked as a consultant to the Tax Administration Service and the office of the assistant secretary for communications of the Secretariat of Communications and Transport in Mexico as well as on joint projects of the Mexican Federal Competition Commission and the Organization for Economic Cooperation and Development. Sempere earned a PhD in economics from the European University Institute.

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Shikher is an international economist at the research division of the U.S. International Trade Commission. Prior to recently joining the USITC, he was an assistant professor of economics at Suffolk University in Boston. His research interests are primarily in the fields of international trade, international production and macroeconomics. His recent papers investigate the determinants of trade and specialization, describe a new model of international production and evaluate the accuracy of forecasted effects of trade agreements. His papers have been published in the *Journal of International Economics*, *Economic Inquiry*, *Journal of International Trade and Economic Development* and other journals. Shikher received a PhD in economics from Boston University.

Eric Verhoogen

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Verhoogen is an associate professor of economics and international affairs at Columbia University, with a joint appointment in the School of International and Public Affairs and the Department of Economics. His primary research area is industrial development—empirical microeconomic work on firms in developing countries. A common theme in his work has been the process of quality upgrading by manufacturing firms, both its causes and its consequences. His work has been published in the *Quarterly Journal of Economics*, *American Economic Review*, *Review of Economic Studies* and other journals. He is a co-director of the Center for Development Economics and Policy at Columbia University, as codirector of the Trade Research Program of the International Growth Center and on the board of the Bureau for Research in the Economic Analysis of Development. He holds a PhD in economics from the University of California, Berkeley.

Irving A. Williamson

Chairman, U.S. International Trade Commission

Williamson, chairman of the U.S. International Trade Commission, has more than 40 years of experience in the international and trade policy fields. Prior to his appointment with USITC, Williamson served as president of Williamson International Trade Strategies Inc., working with over 20 U.S. Agency for

International Development (USAID) and other donor-funded projects; advising countries on World Trade Organization (WTO) accession, compliance and participation; and conducting WTO and other trade-related training programs. He has also served as deputy general counsel in the Office of the U.S. Trade Representative; vice president for trade, investment and economic development programs at the Africa-America Institute in New York; manager of trade policy for the Port Authority of New York and New Jersey; and as a foreign service officer with the U.S. Department of State. Williamson holds an MA in international relations from Johns Hopkins School of Advanced International Studies and a JD from the George Washington University Law School.