## Notes on Contributors

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KENNETH J. ARROW Kenneth J. Arrow is a Nobel Laureate in Economic Sciences and Professor Emeritus at Stanford University. He was awarded the Nobel Prize in 1972 "for pioneering contributions to general economic equilibrium theory and welfare theory." Arrow began his graduate study in economics and statistics at Columbia University. He has held positions on the Cowles Commission for Research in Economics and at the University of Chicago, Harvard University, and Stanford University. His research, apart from social choice theory, has focused on general economic equilibrium. The profound transformation of the general equilibrium theory is marked by his groundbreaking work. He helped open new productive paths for research in this area and, in so doing, has made fundamental contributions to the renewal of the theory. Kenneth Arrow earned his Ph.D. at Columbia University.

BRUCE C. GREENWALD Professor Bruce C. Greenwald holds the Robert Heilbrunn Professorship of Finance and Asset Management at Columbia Business School and is the academic director of the Heilbrunn Center for Graham & Dodd Investing. Described by the New York Times as "a guru to Wall Street's gurus," Greenwald is an authority on value investing with additional expertise in productivity and the economics of information. Greenwald has been recognized for his outstanding teaching abilities. He has been the recipient of numerous awards, including the Columbia University Presidential Teaching Award, which honors the best of Columbia's teachers for maintaining the university's long-standing reputation for educational excellence.

ROBERT SOLOW Robert Solowis Professor Emeritus at Massachusetts Institute of Technology. He was awarded the 1987 Nobel Memorial Prize in economics for contributing to what is still the standard method of analyzing the mechanics of economic growth and for exhibiting the importance of research and technological innovation in improving economic productivity. In 1961, he received the John Bates Clark Award, given to the best economists under age 40. Mr. Solow also served on the staff of President John F. Kennedy's Council of Economic Advisors and was president of the American Economic Association in 1979. In 2000, he was awarded the National Medal of Science. Since 2000, Solow has been a Foundation Fellow at the Russell Sage Foundation.

JOSEPH E. STIGLITZ Joseph E. Stiglitz received his Ph.D. from MIT in 1967, became a full professor at Yale in 1970, and in 1979 was awarded the John Bates Clark Award. He has taught at Princeton, Stanford, and MIT and was the Drummond Professor and a fellow of All Souls College, Oxford. He is now University Professor at Columbia University in New York and cochair of Columbia University's Committee on Global Thought. He is also the founder and copresident of the Initiative for Policy Dialogue at Columbia. In 2001, he was awarded the Nobel Prize in economics for his analyses of markets with asymmetric information, and he was a lead author of the 1995 *Report of the Intergovernmental Panel on Climate Change*, which shared the 2007 Nobel Peace Prize. In 2011, *Time* named Stiglitz one of the 100 most influential people in the world.

MICHAEL WOODFORD Michael Woodford is the John Bates Clark Professor of Political Economy at Columbia University. His first academic appointment was at Columbia in 1984, after which he held positions at the University of Chicago and Princeton University, before returning to Columbia in 2004. He received his A.B. from the University of Chicago, his J.D. from Yale Law School, and his Ph.D. in Economics from the Massachusetts Institute of Technology. He has been a MacArthur Fellow and a Guggenheim Fellow and is a Fellow of the American Academy of Arts and Sciences, as well as a Fellow of the Economic Research, and a Research Fellow of the Centre for Economic Policy Research.

