

“Harnessing the Power of Economics to Solve Whole-of-Nation Challenges”

A Conference Hosted by The MITRE Corporation

Wednesday, September 6, 2023

SPEAKER BIOS

Chris Fall

Chris Fall is vice president for applied sciences at The MITRE Corporation. He leads core research and development in emerging technology domains, including quantum computing, material science, synthetic biology, and space. He oversees five MITRE Labs innovation centers spanning life, physical, and health sciences; transportation; economics; acquisition; and enterprise strategy. These groups include more than 1,100 engineers, scientists, analysts, clinicians, and strategists solving critical scientific challenges for our nation.

<https://www.mitre.org/who-we-are/our-people/chris-fall>

Rob Axtell

Rob Axtell is a professor and researcher at George Mason University where he serves as a Professor in the Department of Computational and Data Sciences and is Co-Director of the Computational Public Policy Lab. Axtell holds a Bachelor's degree from the University of Detroit and a Ph.D from Carnegie Mellon University. Axtell's research focuses on understanding the emergent properties of social, economic, and organizational systems using computational methods. He has developed a wide range of agent-based models to explore topics such as the formation of social networks, the dynamics of labor markets, and the evolution of cooperation and conflict in human societies. He has been published in leading academic journals such as the American Economic Review: Papers and Proceedings, Economic Journal, and the National Tax Journal. In addition to his research, Axtell is a dedicated educator and teaches courses on agent-based modeling, complexity theory, and social network analysis, inspiring students to think critically about the role of computation in understanding and shaping the social world.

<https://science.gmu.edu/directory/robert-axtell>

Anton Korinek

Anton Korinek is a David M. Rubenstein Fellow at the Brookings Institution, a Professor at the University of Virginia, Department of Economics and Darden School of Business as well as a Research Associate at the NBER, a Research Fellow at the CEPR and the Economics of AI Lead at the Centre for the Governance of AI. He received his PhD from Columbia University in 2007 after several years of work experience in the IT and financial sectors. He has also worked at Johns Hopkins and at the University of Maryland and has

been a visiting scholar at Harvard University, the World Bank, the IMF, the BIS and numerous central banks. His research analyzes how to prepare for a world of transformative AI systems. He investigates the implications of advanced AI for economic growth, labor markets, inequality, and the future of our society. In his past research, he investigated the mechanics of financial crises and developed policy measures to prevent future crises, including an influential framework for capital flow regulation in emerging economies.

<https://www.brookings.edu/people/anton-korinek/>

Jonathan Leslie

Jonathan Leslie is a Ph.D. student in the Department of Economics at Indiana University Bloomington. Leslie holds a Bachelor's degree in International Economics and Political Science from the University of Notre Dame. Leslie's research interests span a wide range of topics within economics, including but not limited to labor economics, public economics, and health economics. He employs advanced econometric techniques and machine learning methodologies to investigate pressing economic issues such as physician shortages, medical fraud prediction, and economic growth. Through his research, Leslie aims to provide valuable insights that can help inform public policies and promote economic well-being. One of the newest members of the Economics family at MITRE, he was an intern this past summer supporting L225 and the Center for Strategic Competition and will be joining MITRE as a Senior Health Economist in June of 2024.

<https://www.jonathanrleslie.com/>

John Pang

John K. Pang is a distinguished engineer, a member of the leadership team for MITRE's Systems Engineering Innovation Center, and currently leads the modeling & analytics efforts for MITRE's Great Power Competition (GPC) initiative. John is passionate about complexity, STEM education, thinking deeply about simple things, and making connections between people. His areas of expertise span strategy formulation and execution, modeling & analytics, and complex adaptive systems. John holds a BS/MS in Electrical Engineering from Johns Hopkins University and an MBA from Tuck School of Business at Dartmouth College.

Tara Watson

Tara Watson is the Director of the Center for Economic Security and Opportunity at the Brookings Institution. Watson is an economist focused on U.S. social policy, with interests in the safety net, health, and immigration. She is on leave as professor of economics at Williams College, a research associate of the National Bureau of Economic Research (NBER), and a co-editor of the Journal of Human Resources. In 2015-16, Watson served as deputy assistant secretary for microeconomic analysis in the U.S. Treasury Department's Office of Economic Policy. She was previously a Robert Wood Johnson Scholar in Health Policy Research at the University of Michigan, a visiting scholar at the Federal Reserve Bank of Boston,

and a research associate at the Princeton Center for Research on Child Wellbeing. Dr. Watson earned her Ph.D. in economics from Harvard University in 2003. Her 2021 book, "The Border Within: The Economics of Immigration in an Age of Fear," written with journalist Kalee Thompson, was published by University of Chicago Press.

<https://www.brookings.edu/people/tara-watson/>

Diane Lim

Diane Lim is the Inaugural Director of the Equity Hub at the U.S. Treasury Department. Previously, she was the Policy Director for the U.S. House Select Committee on Economic Disparity & Fairness in Growth. She is an economist who has spent her 30-plus year career in a variety of prominent roles in the federal government, nonprofit, and academic sectors. She began her post-PhD career as an assistant professor at Penn State University before going to the Congressional Budget Office in the early 1990s, and she has lived and worked in the DC area ever since. Ms. Lim has served as chief economist for the House Ways and Means Committee, House Budget Committee, the Concord Coalition, and the Pew Charitable Trusts. She was a senior economist on the staff of the President's Council of Economic Advisers during the final year of the Clinton administration and first 100 days of the George W. Bush administration. She has also worked for The Conference Board, the Brookings Institution, and the Urban Institute. She received her Ph.D. in Economics from the University of Virginia.

<https://batten.virginia.edu/people/diane-lim>

Josh Stadlan

Josh Stadlan is interested in how we can make more effective and equitable public policy by combining the insights of mathematical models, Big Data, and lived experience. An engineer by training, he applies systems modeling methods to socio-economic policy questions as a Lead Computational Social Scientist at MITRE and Modeling Lead for MITRE's Social Justice Platform, working on tools for social equity assessment and topics ranging from the racial wealth gap to community-based urban climate resilience projects. Outside of MITRE, Josh serves on the Cambridge Human Rights Commission and is pursuing a PhD at Tufts University, researching human contact network models.

Sarah Oh Lam

Sarah Oh Lam is a Senior Fellow at the Technology Policy Institute. Oh completed her PhD in Economics from George Mason University, and holds a JD from GMU and a BS in Management Science and Engineering from Stanford University. She was previously the Operations and Research Director for the Information Economy Project at George Mason School of Law. She has also presented research at the 39th Telecommunications Policy Research Conference and has co-authored work published in the Northwestern Journal of Technology & Intellectual Property among other research projects. Her research interests include law and economics, regulatory analysis, and technology policy.

<https://techpolicyinstitute.org/team/sarah-oh/>

Thomas Hazlett

Thomas W. Hazlett holds the H.H. Macaulay Endowed Chair in Economics at Clemson, conducting research in the field of Law and Economics and specializing in the Information Economy, including the analysis of markets and regulation in telecommunications, media, and the Internet. Prof. Hazlett served as Chief Economist of the Federal Communications Commission, and has held faculty positions at the University of California, Davis, Columbia University, the Wharton School, and George Mason University School of Law. His research has appeared in such academic publications as the Journal of Law & Economics, the Journal of Legal Studies, the Journal of Financial Economics and the Rand Journal of Economics, and he has published articles in the Univ. of Pennsylvania Law Review, the Yale Journal on Regulation, the Columbia Law Review, and the Berkeley Technology Law Journal. He also writes for popular periodicals including the Wall Street Journal, New York Times, Reason, The New Republic, The Economist, Slate, and the Financial Times, where he was a columnist on technology policy issues, 2002-2011. Prof. Hazlett also serves as Director of the Information Economy Project at Clemson University. He has provided expert testimony to federal and state courts, regulatory agencies, committees of Congress, foreign governments, and international organizations. His latest book, THE POLITICAL SPECTRUM: The Tumultuous Liberation of Wireless Technology, from Herbert Hoover to the Smartphone, was published by Yale University Press in 2017.

<https://www.clemson.edu/business/about/profiles/hazlett>

Giulia McHenry

As Chief of Office of Economics and Analytics (OEA) at the U.S. Federal Communications Commission (FCC), Giulia McHenry leads this Office which is responsible for expanding and deepening the use of economic analysis into Commission policy making, enhancing the development and use of auctions, and implementing consistent and effective agency-wide data practices and policies. Giulia joined OEA in 2018 after serving for three years as Chief Economist of the National Telecommunications and Information Administration (NTIA). She is an expert in the economics of the Internet, telecommunications, and media. She has advised and written reports on a range of issues including broadband policy, adoption and access; the digital economy; and the economics of spectrum and spectrum management.

<https://www.fcc.gov/economics-analytics/chief>

Emily Blanchard

Dr. Emily Blanchard was sworn-in as Chief Economist on January 3, 2022. She is a leading expert on international economic policy, a professor at Dartmouth's Tuck School of Business, and a research fellow with the Center for Economic Policy Research.

Professor Blanchard's research lies at the intersection of international economics and public policy. She has written extensively on how foreign investment and global value chains are changing the role of trade and trade agreements in the 21st century, and how globalization and education shape policy outcomes

and the distribution of income within and across countries. Her research is published in leading journals and has been covered by major publications including the *Wall Street Journal*, *Bloomberg*, *Financial Times*, *Washington Post*, and *the New York Times*. She has partnered with leading institutions including the World Trade Organization, the World Bank, the UN, and the IMF, to bring research to practice; she currently serves on the editorial boards of the *Journal of International Economics*, *Review of World Economics*, *Economics and Politics*, and the *World Trade Review*; and she is former Chair and a Founding Board member for the national non-partisan, non-profit National Economic Education Delegation.

An award-winning teacher, Blanchard has taught at the University of Virginia and the London School of Economics in addition to her courses at the Tuck School of Business at Dartmouth College. She graduated with honors in Economics from Wellesley College and earned MSc. and Ph.D. degrees in Economics from the University of Wisconsin-Madison.

<https://www.state.gov/biographies/emily-blanchard/>

Ariel Weinberger

Ariel Weinberger is an Assistant Professor of International Business at the George Washington University School of Business. Professor Weinberger specializes in the efficiency and distributional implications of international trade and financial globalization, with a focus on both developing and developed countries. His research examines frameworks in which there is imperfect competition or other distortions potentially present in markets. Within this context, Professor Weinberger has investigated the welfare impacts of globalization taking into consideration, 1) the effect on prices of individual products, 2) the allocation of production across firms, and 3) the relative impact between labor and capital payments. For example, although trade liberalization generally lowers prices and raises productivity, it also raises profits—and distortions—that certain firms generate. In addition, although wages generally increase as productivity increases, financial liberalization has raised the payments to capital more so than labor. Dr. Weinberger publishes in leading Economics journals, including *Journal of International Economics* and *Economic Journal*. He teaches courses related to his expertise: Global Finance and International Trade. Ariel Weinberger joined the International Business department at GW as an Assistant Professor in 2019. Previously, he was an assistant professor of Economics at the University of Oklahoma for 4 years, as well as a research associate at the Dallas Federal Reserve Bank. He received his Ph.D. in Economics from the University of California, Davis in 2015. Prior to his doctoral studies, Ariel received a B.S. in Management Science from UC-San Diego and worked for two years at the St. Louis Federal Reserve Bank.

<https://business.gwu.edu/ariel-weinberger>

Lin Jones

Lin Jones is a Lead International Economist at the Office of Economics of U.S. International Trade Commission. Her research work focuses on global value chains (GVC), trade in value added (TiVA), trade specialization, competitiveness, re-exports, China, semiconductors, among others. She led two multilateral APEC and NA TiVA initiatives during 2014-21 that contributed to the advancement of global TiVA compilation effort. She initiated and has been leading GVC Research Program and Working Group at

the Commission since 2017. She also has led several statutory studies at the Commission, including the latest one on U.S. foreign trade zones and similar programs in Canada and Mexico that was published in May 2023. Lin has a Master Degree of International Business from the University of Sydney (Sydney, Australia) and a Master Degree of Public Policy from the University of Michigan (Ann Arbor).