Northwestern CENTER ON LAW, BUSINESS, AND ECONOMICS

Fifteenth Annual Northwestern Conference on Antitrust Economics and Competition Policy

Participant Biographies

SUSAN ATHEY is the Economics of Technology Professor at Stanford Graduate School of Business. She is currently on partial leave from Stanford to serve as Chief Economist of the Antitrust Division, United States Department of Justice. She received her bachelor's degree from Duke University and her PhD from Stanford, and she holds honorary doctorates from Duke University and London Business School. She previously taught at the economics departments at MIT, Stanford and Harvard. She is an elected member of the National Academy of Science, and is the recipient of the John Bates Clark Medal, awarded by the American Economics Association to the economist under 40 who has made the greatest contributions to thought and knowledge. Her research spans several areas, including the economics of digitization, marketplace design, and the intersection of econometrics and machine learning. She has worked on several application areas, including timber auctions, internet search, online advertising, the news media, and the use of technology for social impact. As one of the first "tech economists," she served as consulting chief economist for Microsoft Corporation for six years, and has served on the boards of multiple private and public technology firms. She also served as a long-term advisor to the British Columbia Ministry of Forests, helping architect and implement their auction-based pricing system. She was a founding associate director of the Stanford Institute for Human-Centered Artificial Intelligence, and she is the founding faculty director of the Golub Capital Social Impact Lab at Stanford GSB.

DAVID BESANKO is the IBM Professor of Regulation and Competitive Practice at the Kellogg School of Management at Northwestern University. Besanko is a Northwestern graduate, having received his Ph.D. in Managerial Economics and Decision Sciences in 1982. He received his BA in Political Science from Ohio University in 1977. Before joining the Kellogg faculty in 1991, Professor Besanko was a member of the faculty of the School of Business at Indiana University from 1982-84 and 1986-1991. In 1985, he was a member of the Economics Staff at Bell Communications Research.

Professor Besanko teaches courses in public economics and infrastructure strategy at the Kellogg School. In 2015, Besanko received the Aspen Institute's Faculty Pioneer Award, sometimes referred to as the Oscars for the business school world. ☐ In 2013 he

was a finalist for this award. Besanko has received the two most prestigious teaching awards at the Kellogg School: the L.G. Lavengood Professor of the Year Award in 1995, 2010, and 2016 he is the only three-time winner of this award since its inception in 1975 and the Alumni Choice Teaching Award in 2006. At the Kellogg School, he has also received the Sidney J. Levy Teaching Award (1998, 2000, 2009, 2011, 2013, 2018, and 2020), the Chair's Core Teaching Award (1999, 2001, 2003, and 2005), and the Kellogg Impact Award (2009, 2010, 2011, 2012, 2013, 2015, 2016, 2017, 2018, 2019, 2020, and 2021).

Professor Besanko's research covers topics relating to the intersection of competitive strategy and public policy, the economics of regulation, and the theory of the firm. He has published over 50 articles in leading professional journals in economics and business. Among other places, his work has appeared in the *American Economic Review*, *Econometrica*, the *Quarterly Journal of Economics*, the *RAND Journal of Economics*, the *Review of Economic Studies*, the *Journal of Law and Economics*, *Journal of Economic Theory*, and *Management Science*. Along with Daniel Diermeier and Jose-Miguel Abito, he is co-author of *Corporate Reputation and Social Activism*, published in 2019. He has co-authored the widely used textbook, *Microeconomics*, with Ronald Braeutigam, now in its sixth edition. And with David Dranove, Mark Shanley, and Scott Schaefer, Besanko is a co-author of *Economics of Strategy*.

Professor Besanko served as Senior Associate Dean for Academic Affairs: Strategy and Planning at the Kellogg School from 2007 to 2009 and Senior Associate Dean for Academic Affairs: Curriculum and Teaching at Kellogg from 2001 to 2003.

ALESSANDRO BONATTI is the John Norris Maguire (1960) Professor and a Professor of Applied Economics at the MIT Sloan School of Management.

His research focuses on (a) the provision of incentives in research-intensive and creative industries, and (b) on the impact of technological advances on firms' online advertising and pricing strategies.

Bonatti holds an MA, an MPhil, and a PhD in economics from Yale University.

ZAREK BROT-GOLDBERG is an Assistant Professor at the Harris School of Public Policy at the University of Chicago.

His work is concerned with market structure, organizational structure, and regulatory design in the U.S. health care sector. In prior and ongoing research, he has studied the efficiency of high-deductible health plans in reducing health care spending; the effects of vertical integration in physician markets on patient referral patterns; the extent of 'mistakes' in insurance choice in Medicare Part D; and measuring the costs and benefits of paperwork for physicians. He received the NIHCM Foundation Research Award for best health economics research paper in 2018. He received his PhD in economics from

UC Berkeley in 2019, funded by the National Science Foundation's Graduate Research Fellowship Program.

ZACK COOPER is an Associate Professor of Public Health and Associate Professor of Economics at Yale University. He also serves as Director of Health Policy at Yale's Institution for Social and Policy Studies. Professor Cooper is a health economist whose work is focused on producing data-driven scholarship that can inform public policy. In his academic work, he has analyzed the impact of competition in hospital and insurance markets, studied the influence of price transparency on consumer behavior, investigated the causes of surprise out-of-network bills, and examined the influence of electoral politics on health care spending growth. Cooper has published his research in leading economics and medical journals including the *Quarterly Journal of Economics* and the *New England Journal of Medicine*. He has also presented his research at the White House, the Department of Justice, the Federal Trade Commission, and the Department of Health and Human Services.

In January 2021, Zack Cooper and Fiona Scott Morton launched the 1% Steps for Health Care Reform project. The aim of the project is harness the power of rigorous economic scholarship to identify tangible steps that can be taken to reduce health care spending in the US without harming quality. The project includes 16 briefs written by leading economists that describe 16 specific interventions, which would collectively lower health care costs in the US by approximately \$400 billion annually. You can hear a description of the project on the Freakenomics Podcast (Part 1 and Part 2).

Cooper received his undergraduate degree from the University of Chicago and his PhD from the London School of Economics, where he received the Richard Titmuss prize for Best PhD thesis. He was an Economic and Social Science Research Council Postdoctoral Fellow in economics at the LSE's Centre for Economic Performance where he remains a Faculty Associate. Cooper is a Faculty Research Fellow at the National Bureau of Economic Research and a 2019 winner of and Andrew Carnegie Fellowship from the Carnegie Corporation of New York.

His research on health care spending on the privately insured can be found at: <u>healthcarepricingproject.org</u>.

LEEMORE S. DAFNY is the Bruce V. Rauner Professor of Business Administration and the Mary Ellen Jay and Jeffrey Jay Fellow at the Harvard Business School, and Professor of Public Policy at the Harvard Kennedy School. Dafny is an applied microeconomist whose research examines competitive interactions among payers and providers of healthcare services and pharmaceutical products, and the intersection of industry and public policy. Current projects include studies of patient assistance for pharmaceuticals, vertical integration of insurers and healthcare providers, and effects of private equity acquisition of physician practices.

Dr. Dafny teaches courses on healthcare strategy and policy to master's students and advises doctoral candidates. She is a Research Associate of the National Bureau of Economic Research, an Associate Editor of Management Science and on the Board of Editors of American Economic Journal: Policy, and Treasurer of the American Society of Health Economists.

In addition to her academic roles, Dr. Dafny served on the Panel of Health Advisers to the Congressional Budget for over a decade and was Deputy Director for Health Care and Antitrust at the Federal Trade Commission from 2012-2013. She has testified on competition issues to both houses of Congress and in federal court. Dafny advises companies, government agencies, and nonprofits on a variety of issues including antitrust matters, strategic decisions, and public policy. She is a Partner in the Antitrust and Healthcare Practices at Bates White Economic Consulting.

Dafny has an undergraduate degree in Economics from Harvard College and a PhD in economics from the Massachusetts Institute of Technology.

MERT DEMIRER is an Assistant Professor of Applied Economics at the MIT Sloan School of Management and a Faculty Research Fellow at the National Bureau of Economic Research.

Demirer's main area of research is industrial organization with a particular focus on developing new methods to analyze firm behavior, productivity, and market power. He also conducts research on machine learning for causal inference. This work investigates how to incorporate machine learning tools into econometrics to identify causal effects in economic research.

Prior to joining MIT Sloan, Demirer was a Postdoctoral Researcher at Microsoft Research. He holds a PhD in economics from MIT.

CHRISTOPHER GARMON is an Assistant Professor of Health Administration at the Henry W. Bloch School of Management at the University of Missouri Kansas City. Prior to joining UMKC, he served as a staff economist at the Federal Trade Commission. At the FTC, he led the economic analysis for numerous antitrust investigations, across a range of industries. He has particular expertise in the economic analysis of health care provider markets through his research and work on many hospital, physician, and pharmaceutical antitrust investigations. He was also the FTC's primary staff-level economic liaison to other agencies and organizations on issues of health care provider competition.

JUSTIN JOHNSON received his PhD from MIT and is currently the Deane W. Malott Professor of Management at Cornell University. He is past editor at both the Journal of Industrial Economics and the International Journal of Industrial Organization and is

currently an associate editor at the RAND Journal of Economics. Much of his research is motivated by events and issues in high-tech markets, including work on online platforms, the agency model of pricing, retail price-parity restrictions, targeted advertising and online privacy, open-source software, and the anticompetitive use of algorithms. Other work examines product line choices and pricing, retail competition and loss-leading, acquihiring, mergers, and more.

Professor Johnson discusses his research and its relevance to current matters of interest with governmental bodies and other parties around the world, including the US Department of Justice, the US Federal Trade Commission, the EU Directorate General for Competition, the European Commission, and the UK Competition Authority.

LOUIS KAPLOW is Finn M.W. Caspersen and Household International Professor of Law and Economics at Harvard University and a Research Associate at the National Bureau of Economic Research. Publications on antitrust include the forthcoming book, Rethinking Merger Analysis, with MIT Press; Competition Policy and Price Fixing (2013); an extensive survey, "Antitrust" (Handbook of Law and Economics 2007) (with Carl Shapiro); and articles in leading economics and other journals. He has also published extensively in taxation and public economics as well as in law and economics, and he has received lifetime achievement awards from professional associations in both of those fields.

MICHAEL KATZ has taught at Berkeley since 1987. He holds the Sarin Chair in Strategy and Leadership and professorships in both the Economics Department and the Haas School of Business, where he is a member of the Economic Analysis and Policy Group. Professor Katz has served as Deputy Assistant Attorney General for Economic Analysis in the Antitrust Division of the U.S. Department of Justice; Chief Economist at the Federal Communications Commission, where he received the Chairman's Special Achievement Award; and Assistant Professor of Economics at Princeton University. He is a two-time recipient of the Earl F. Cheit Award for Excellence in Teaching and was an Alfred P. Sloan Research Fellow. He received his Ph.D. from Oxford University.

SIMON LOERTSCHER is professor of economics and director of the Centre for Market Design (CMD) at the University of Melbourne. His research focuses on Mechanism Design and Industrial Organization. Recent publications of his work appeared in the American Economic Review, the Journal of Political Economy, Theoretical Economics, the Journal of Economic Theory and the American Economic Journal: Microeconomics. He is an Associate Editor at the Journal of Economic Theory and the Journal of Industrial Economics and a member of the editorial board at the American Economic Journal: Microeconomics. He is also a founding member of the Asia-Pacific Industrial Organization Society, which organizes the annual APIO Conference.

ALEXANDER MACKAY is an assistant professor of business administration in the Strategy Unit.

Professor MacKay's research focuses on matters of competition, including pricing, demand, and market structure. His research has been cited by *The New York Times*, the *Financial Times*, *TIME*, *National Public Radio*, and the Economic Report of the President.

Professor MacKay earned his Ph.D. in economics from the University of Chicago. Prior to his doctoral degree, he worked at a consulting firm that specialized in the design and analysis of business experiments. He has a B.A. in economics from the University of Virginia.

LUCA MAINI is an Assistant Professor of Health Care Policy in the Department of Health Care Policy at Harvard Medical School. Before his current appointment, he served as an Assistant Professor of Economics at the University of North Carolina at Chapel Hill. Dr. Maini's work focuses on competition and regulation in pharmaceutical markets. His research examines topics such as the effect of government price regulation on the strategic choices of drug manufacturers, the role of Pharmacy Benefit Managers in negotiating drug prices and formularies, and the impact of biosimilar entry.

NATHAN MILLER is Professor at the Georgetown University McDonough School of Business and Department of Economics. He also serves as an editor at the *Journal of Law and Economics* and an associate editor at the *International Journal of Industrial Organization*. His research covers topics in the fields of industrial organization and antitrust economics, and has been published in journals such as *The American Economic Review*, *Econometrica*, and *The RAND Journal of Economics*. Prior to joining Georgetown University, Professor Miller served as an economist at the U.S. Department of Justice, where he provided economic analysis for antitrust investigations. He holds a Ph.D. in economics from the University of California, Berkeley and a B.A. from the University of Virginia.

AVIV NEVO is the George A. Weiss and Lydia Bravo Weiss Penn Integrates Knowledge Professor at the University of Pennsylvania with appointments in the Economics Department is SAS and the Marketing department in Wharton.

He is currently on leave to serve as the Director of the Bureau of Economics at the U.S. Federal Trade Commission,

His research focuses on empirical Industrial Organization, Marketing, Antitrust and Competition Economics, and Econometrics. His past work has focused on estimating the demand for consumer packaged goods and the implications for price competition,

mergers, and marketing. He has also done research in the areas of health economics, health care, telecom, and real estate.

He is a fellow of the Econometric Society, a research associate of NBER, an international research fellow at the Institute for Fiscal Studies in London. He was the Deputy Assistant Attorney General for Economic Analysis at the Antitrust Division of the DOJ 2013-2014.

Professor Nevo earned a Ph.D. in 1997 and AM in 1994 in economics from Harvard University and a BSc with Special Honors in mathematics and economics from Tel Aviv University in 1991.

JONATHAN ORSZAG is a Senior Managing Director and Member of the Global Executive Committee. As a consultant, Orszag has conducted economic and financial analysis on a wide range of complex issues in antitrust, regulatory, policy, and litigation matters for corporations and public-sector entities. These engagements have involved a wide array of mergers and other economic matters in various markets, such as the sports, media, telecommunications, retail, healthcare, financial services, and high-tech industries. He has testified before the United States Congress, U.S. and international courts, the European Court of First Instance, and U.S. and international regulatory authorities on competition and economic policy issues.

In 2004, Orszag was named by the *Global Competition Review* as the youngest member of "the world's 40 brightest young antitrust lawyers and economists" in its "40 under 40" survey. In 2006, the *Global Competition Review* named Orszag as one of the world's "Best Young Competition Economists." In multiple years, *Who's Who Legal* has named Orszag as one of the most highly regarded competition economists in the world. Prior to entering the private sector, Orszag served as the Assistant to the U.S. Secretary of Commerce and Director of the Office of Policy and Strategic Planning. In this capacity, Orszag was the Secretary of Commerce's chief policy adviser and was responsible for coordinating the development and implementation of policy initiatives, from telecommunications issues to international trade issues. Previously, Orszag served as an Economic Policy Advisor on President Clinton's National Economic Council. In 1999, the Corporation for Enterprise Development awarded Orszag its leadership award for "forging innovative public policies to expand economic opportunity in America."

In addition to his work at Compass Lexecon, Orszag has taught at both the University of Southern California and UCLA; most recently, he taught an antitrust class at UCLA Law School. He is involved in a number of philanthropic activities, including serving on the board of directors of the Friends of the Global Fight Against AIDS, Tuberculosis, and Malaria; and on the Board of Governors of The First Tee and the TGR Foundation. Orszag received a MSc from Oxford University, which he attended as a Marshall Scholar. He graduated *summa cum laude* in Economics from Princeton University, was elected to Phi Beta Kappa, and was named a *USA Today* All-USA College Academic Team. He is also a graduate of Phillips Exeter Academy.

Orszag and his wife (Mary) have three daughters (Baye, Eden, and Maine) and a Black Lab (Petite). Orszag is an avid surfer and golfer; he has played all top 100 golf courses in the world. He is also a lifelong Boston Red Sox and New England Patriots fan.

WILLIAM P. ROGERSON is Professor of Economics at Northwestern University and received his PhD in economics from Cal Tech in 1980. His main research interests are industrial organization and regulation. He spent the 1998-99 academic year serving as Chief Economist at the Federal Communications Commission. He is currently serving as Chair of the Department of Economics and previously served as Chair during 1996-98. He also currently serves at Northwestern as: (i) Co-Director of the Center for the Study of Industrial Organization; (ii)Director of the Program in Mathematical Methods in the Social Sciences and (iii) Research Director of the Program in Competition, Antitrust and Regulation for the Searle Center on Law, Regulation and Economic Growth. He is a Fellow of the Econometric Society and has worked as a consultant for a number of government agencies, including the Federal Trade Commission, Institute for Defense Analysis, Logistics Management Institute, Office of the Secretary of Defense (Program Analysis and Evaluation), RAND Corporation, and US Department of Justice.

NANCY L. ROSE is the Charles P. Kindleberger Professor of Applied Economics in the Massachusetts Institute of Technology Economics Department, and Visiting Scholar at the Harvard Kennedy School Mossavar-Rahmani Center for Business and Government. Rose served as Economics Department Head at MIT from 2017 - 2020, Deputy Assistant Attorney General for Economic Analysis in the Antitrust Division of the U.S. Department of Justice from 2014 – 2016, and director of the National Bureau of Economic Research (NBER) research program in Industrial Organization from its creation in 1991 until her appointment to the Department of Justice in 2014.

Her research and teaching focus on industrial organization, competition policy, and the economics of regulation. Her published work includes analyses of antitrust law and economics, economic regulation, and firm behavior in a variety of transportation and energy markets, as well as of labor rent-sharing and determinants of executive pay. Her edited volume *Economic Regulation and Its Reform: What Have We Learned? (NBER, 2014)* describes the regulatory landscapes and lessons learned from deregulation and regulatory restructuring across eight broad industries, and the interplay of competition policy and economic regulation.

Professor Rose received her Ph.D. in Economics from MIT and an A.B. in Economics and Government from Harvard University. She is a fellow of the American Academy of Arts and Sciences, and Distinguished Fellow of the Industrial Organization Society, and Research Associate in the NBER. Her accomplishments have been recognized by numerous other fellowships, including those from the Radcliffe Institute, Center for Advanced Study in the Behavioral Sciences, Hoover Institution, John Simon Guggenheim Foundation, Alfred P. Sloan Foundation, and National Science

Foundation. She received the 2020 Carolyn Shaw Bell Award from the American Economic Association's Committee on the Status of Women in the Economics Profession (CSWEP), given to an individual who has furthered the status of women in economics profession, through example, achievements, increasing understanding of how women can advance in the economics profession, or mentoring others. Rose was awarded the MIT Undergraduate Economics Association Teaching Award in 2000, 2004, and 2011, and was named a Margaret MacVicar Faculty Fellow in 2012 for her contributions to undergraduate teaching at MIT. She presently serves as President of the Industrial Organization Society and Vice President of the Western Economics Association International, and has previously served as Vice President and Executive Committee member of the American Economic Association (AEA), among other positions. She has been a member of the Board of Editors of the American Economic Review and the Journal of Industrial Economics, and associate editor for several journals. She is a member of advisory boards for the American Antitrust Institute, the Hamilton Project, and the CEPR's Research and Policy Network for Competition Policy, and is an associate editor of the *Journal of Economic Perspectives*. Professor Rose has served as an independent director for Charles River Associates. Sentinel Investments, and the Whitehead Institute for Biomedical Research, and in those roles has chaired board governance and finance committees.

FIONA M. SCOTT MORTON is the Theodore Nierenberg Professor of Economics at the Yale School of Management, where she has been on the faculty since 1999. Her area of academic research is industrial organization, with a focus on empirical studies of competition. The focus of her current research is competition in healthcare markets and the economics of antitrust. From 2011–12, Professor Scott Morton served as the Deputy Assistant Attorney General for Economic Analysis (Chief Economist) at the Antitrust Division of the U.S. Department of Justice, where she helped enforce the nation's antitrust laws. At Yale SOM, she teaches courses in the area of competitive strategy and antitrust economics. She served as Associate Dean from 2007–10 and has won the school's teaching award three times. She founded and directs the Thurman Arnold Project at Yale, a vehicle to provide more antitrust programming and policy projects to Yale students. Professor Scott Morton has a BA from Yale and a PhD from MIT, both in Economics. She is a frequent speaker at seminars and conferences across the United States and Europe

CARL SHAPIRO is a Professor at Berkeley Haas and the Department of Economics at the University of California at Berkeley. He also is the Berkeley Haas Transamerica Professor of Business Strategy Emeritus.

Shapiro served as a Senate-confirmed Member of the President's Council of Economic Advisers during 2011 to 2012. For the two years immediately prior to that, he was the Deputy Assistant Attorney General for Economics at the Antitrust Division of the U.S. Department of Justice; he also held that position during 1995 to 1996. From 1998 to

2008, he served as Director of the Institute of Business and Economic Research at UC Berkeley.

Shapiro has been editor and co-editor of the Journal of Economic Perspectives and a Fellow at the Center for Advanced Study in the Behavioral Sciences, among other honors. He earned his PhD in Economics from the Massachusetts Institute of Technology in 1981, taught at Princeton University during the 1980s, and served on the faculty at UC Berkeley since 1990.

Shapiro has published extensively in the areas of industrial organization, competition policy, patents, the economics of innovation, the design and use of patents, and competitive strategy.

Shapiro is the co-author, with Hal R. Varian, of "Information Rules: A Strategic Guide to the Network Economy," published by the Harvard Business School Press. "Information Rules" has received critical acclaim for its application of economic principles to the Information Economy and has been widely read by managers and adopted for classroom use.

HOWARD SHELANSKI earned his B.A. from Haverford College and received his J.D. and Ph.D. in economics from the University of California at Berkeley. After graduating from law school he clerked for Judge Stephen F. Williams of the U.S. Court of Appeals for the D.C. Circuit, Judge Louis H. Pollak of the U.S. District Court in Philadelphia, and Justice Antonin Scalia of the United States Supreme Court. After practicing law in Washington, D.C., Professor Shelanski joined the Berkeley faculty in 1997, where he remained until coming to Georgetown in 2011.

Professor Shelanski has held several positions in the federal government. From 2013 to 2017, he served as Administrator of the White House Office of Information and Regulatory Affairs (OIRA). Before President Obama nominated him to OIRA, Professor Shelanski was Director of the Bureau of Economics at the Federal Trade Commission from 2012 to 2013, where he had previously been Deputy Director from 2009 to 2011. Earlier in his career, he was Chief Economist of the Federal Communications Commission (1999-2000) and a Senior Economist for the President's Council of Economic Advisers at the White House (1998-1999).

In addition to being a member of the Georgetown Law faculty, Professor Shelanski practices antitrust law and is a member of the law firm of Davis Polk & Wardwell LLP. Professor Shelanski's teaching and research focus on antitrust and regulation. In addition to numerous articles, he has co-authored leading casebooks, treatises and edited volumes in both antitrust and telecommunications law. A selection of Professor Shelanski's scholarship can be found by clicking the scholarship and publications link on this page.

AMANDA STARC is an Associate Professor of Strategy at the Kellogg School of Management and a Faculty Research Fellow at the National Bureau of Economic Research (NBER). She received her BA in Economics from Case Western Reserve University, and her PhD in Business Economics from Harvard University. Dr. Starc's research interests include industrial organization and health economics.

Her research examines the Medicare Advantage, Medicare Part D, and Medicare Supplement ("Medigap") markets, as well as consumer behavior in insurance exchanges. Recent work measures the effectiveness of direct-to-consumer advertising of pharmaceuticals. Her work links models of consumer choice and supply side incentives, and uses a range of econometric techniques to analyze data.

She received her Doctor of Philosophy in 2011, Business Economics, Harvard University; and her Bachelor of Arts, 2006, Economics, Case Western Reserve University, Summa Cum Laude.

ANDREW SWEETING is a tenured Professor and the current Chair of the Department of Economics at the University of Maryland, College Park. He received his PhD in Economics from MIT in 2004 and he has also held positions at Northwestern University (2004-2007) and at Duke University (2007-2014, with tenure 2012-14). Andrew has been a Faculty Research Fellow and then Research Associate of the National Bureau of Economic Research (NBER) since 2007, and became affiliated with the Center for Economic Policy Research (CEPR) in 2021. He served as Director of the Bureau of Economics at the Federal Trade Commission in 2020. He is currently a Co-Editor of the RAND Journal of Economics, and has previously been a Co-Editor of the Journal of Industrial Economics and a Foreign Editor of the Review of Economic Studies. He created the Washington DC IO Conference, and will be the local organizer for the 2023 International Industrial Organization Conference in DC.

His research has covered a range of topics in theoretical, computational and empirical Industrial Organization, including several topics that are relevant to antitrust policy. Topics include the analysis of entry and product repositioning (work received the 2018 Robert F. Lanzillotti Prize for the best paper in antitrust economics), competition between firms when their marginal costs or merger synergies are uncertain, the design of auctions and the effect of strategic buyers on predation. His research has been supported by multi-year grants from the National Science Foundation, and it has been published in leading general interest journals including *Econometrica*, the *American Economic Review* and the *Journal of Political Economy*.

JOHN VICKERS has been Warden of All Souls College since October 2008. He studied PPE at Oxford University, where, after a period working in the oil industry, he taught economics and was Drummond Professor of Political Economy from 1991 to 2008. He was Chief Economist at the Bank of England and a member of the Monetary Policy Committee 1998-2000; Director General/Chairman of the Office of Fair Trading

2000-05; President of the Royal Economic Society 2007-10; Chair of the Independent Commission on Banking 2010-11; and President of the European Association for Research in Industrial Economics (2018-2020). His research interests, which combine theory and policy, mainly concern competition and regulation.

MICHAEL D. WHINSTON is the *Sloan Fellows Professor of Management* in the Applied Economics Group at MIT Sloan and Professor of Economics in the Economics Department.

Whinston was the Robert E. and Emily H. King Professor of Business Instutions in the Department of Economics, Northwestern University from 1998-2013. Previously, he was a Professor of Economics at Harvard University.

He is an elected Fellow of the American Academy of Arts and Sciences, and a Fellow of the Econometric Society. He was also a Fellow at the Center for Advanced Studies in the Behavioral Sciences, and an Alfred P. Sloan Research Fellow from 1990-1992. Whinston was awarded the Compass Lexicon Prize in 2008.

His research has covered a variety of topics in microeconomics and industrial organization, including firm behavior in oligopolistic markets, antitrust, game theory, the design of contracts and organizations, law and economics, and most recently, health economics.

Whinston is a coauthor of the leading graduate textbook in microeconomics, *Microeconomic Theory* [Oxford University Press, 1995], and is the author of *Lectures on Antitrust Economics* [The MIT Press, 2006]. Most recently he co-authored *Microeconomics* [McGraw-Hill, 2007; second edition 2013], an intermediate microeconomics text.

He has served as a coeditor of the *RAND Journal of Economics*, the leading journal in industrial organization, and is currently on the editorial board of the *American Economic Journals: Microeconomics*.

Whinston received a BS in economics and an MBA in finance from the Wharton School at the University of Pennsylvania, and a PhD in economics from MIT.

BO "BOBBY" ZHOU received his Ph.D. in Marketing from the Fuqua School of Business at Duke University in 2014. His research focuses on competitive marketing strategies, in particular, pricing and promotion. He uses both analytical models as well as experimental approaches in his research. His work has been published in the Journal of Marketing Research, Marketing Science, and Management Science. He has presented papers at the INFORMS Marketing Science conference, INFORMS POMS conference, UT Dallas FORMS conference, Summer Institute in Competitive Strategy (SICS) at UC Berkeley, DC IO Day, among others. He teaches Marketing Research

Methods in the undergraduate programs, Pricing at the MBA/MS programs, and Analytical Models in Marketing in the PhD programs. He also serves on the editorial board of Decision Science, International Journal of Research in Marketing, Journal of Marketing Research, Journal of Retailing, and Marketing Science.