Hearings on Competition and Consumer Protection
in the 21st Century

An FTC-AU Washington College of Law Event | November 6-8, 2018

SPEAKER BIOS

Tuesday, November 6, 2018

Welcome and Introductory Remarks

Jonathan B. Baker is Research Professor of Law at American University Washington College of Law, specializing in the areas of antitrust and economic regulation. Professor Baker served as the Chief Economist of the Federal Communications Commission from 2009 to 2011, and as the Director of the Bureau of Economics at the Federal Trade Commission from 1995 to 1998. He previously served as a Senior Economist on the President's Council of Economic Advisers and Special Assistant to the Deputy Assistant Attorney General for Economics in the Antitrust Division of the Department of Justice.

The Economics of Big Data, Privacy & Competition – An Introduction

Ginger Zhe Jin is a Professor of Economics at the University of Maryland, College Park. She was on leave at the FTC in 2015-2017, and served as the Director of the FTC Bureau of Economics from January 2016 to July 2017. She has been Research Associate of NBER since 2012. In October 2014, she co-founded Hazel Analytics, an analytics company that promotes the use of open government data.

Panel 1: The Economics of Big Data and Personal Information

Alessandro Acquisti is a Professor of Information Technology and Public Policy at the Heinz College, Carnegie Mellon University (CMU), the PwC William W. Cooper Professor of Risk and Regulatory Innovation, and an Andrew Carnegie Fellow (inaugural class). He is the director of the Peex (Privacy Economics Experiments) lab at CMU and the co-director of CMU CBDR (Center for Behavioral and Decision Research).

Omri Ben-Shahar is the Leo and Eileen Herzel Professor of Law and the Kearney Director of the Coase-Sandor Institute for Law and Economics at the University of Chicago Law School. Before coming to Chicago, he was the Kirkland & Ellis Professor of Law and Economics at the University of Michigan. Prior to that, he taught at Tel-Aviv University, was a member of Israel's Antitrust Court and clerked at the Supreme Court of Israel.

Liad Wagman is Associate Professor of Economics at the IIT Stuart School of Business in Chicago. He was a Visiting Assistant Professor of Managerial Economics and Decision Sciences at Northwestern University's Kellogg School of Management, a research fellow at the Duke University's Computer Science Department and Social Sciences Research Institute.

Florian Zettelmeyer is the Nancy L. Ertle Professor of Marketing at the Kellogg School of Management at Northwestern University. He is the founder and Director of the Program on Data Analytics at Northwestern. Prior to his appointment at Kellogg, he was an Associate Professor of Marketing and chair of the marketing group at the Haas School of Business, University of California at Berkeley. Before his Ph.D., he briefly worked in consulting at McKinsey and Company's German office.

Ginger Zhe Jin is a Professor of Economics at the University of Maryland, College Park. She was on leave at the FTC in 2015-2017, and served as the Director of the FTC Bureau of Economics from January 2016 to July 2017. She has been Research Associate of NBER since 2012. In October 2014, she co-founded Hazel Analytics, an analytics company that promotes the use of open government data.

Jeremy Sanford is an economist with the Federal Trade Commission's Bureau of Economics. He is an adjunct professor at the Johns Hopkins University, where he teaches a masters level course in economics and game theory. Prior to working at the FTC, he was an assistant professor of economics at the University of Kentucky.

Panel 2: The Business of Big Data

Christopher Boone is the Vice President of Real World Data and Analytics for Pfizer. He is an adjunct professor in health informatics program at the University of Cincinnati, the Faculty Chair for the Big Data Certificate Program at Southern Methodist University, and a cofounder of a few start-up companies. Prior to Pfizer, he was a Vice President at Avalere Health and the Executive Director/CEO of the Health Data Consortium, a public-private partnership advocating for an open health data system.

Liz Heier serves as Garmin's Director of Global Data Privacy, tasked with creating a data protection and privacy compliance program spanning Garmin's five product segments and 60+ locations worldwide with initial focus on GDPR. Previously, Liz managed multiple engineering teams at Garmin and was responsible for the development, security, and stability of multiple web-based platforms that processed personal data for millions of Garmin customers.

Marianela López-Galdos is the Director of Competition & Regulatory Policy at the Computer and Communications Industry Association. Previously, she was the Director for Research Projects in Competition Law and Policy at the George Washington School of Law and worked as an international comparative competition law and policy consultant for the FTC, the World Bank Group and the Inter-American Development Bank. Prior to that, she worked as an associate at Hogan Lovells.

Mark MacCarthy is Senior Vice President for Public Policy at the Software & Information Industry Association (SIAA), the principal trade association for the software and digital information industries. He is also an adjunct faculty member in the Communication, Culture & Technology Program at Georgetown University. He has been a consultant on technology policy issues for the Organization for Economic Cooperation and Development and for the Aspen Institute. His previous policy experience includes positions with Visa, and with the House Energy & Commerce Committee.

Morgan Reed is President of ACT | The App Association. He also serves as Executive Director of the organization's Connected Health Initiative (CHI). Experienced as a coder and business owner, Mr. Reed has led ACT | The App Association's growth into the leading voice for app companies, representing more than 5,000 app makers in the mobile ecosystem. Before coming to Washington, Morgan worked for a Taiwan-based trading company specializing in the manufacture of technology products for the U.S. market.

Andrew Reiskind is the Senior Vice President for Data Policy for MasterCard Worldwide. In this capacity Andrew manages a global team responsible for privacy and data protection issues globally for MasterCard, including implementing privacy by design, managing GLBA and EU Safe Harbor compliance programs, employee privacy, regulatory outreach, records management and information incident response. He is a certified information privacy professional (CIPP), a certified information privacy manager (CIPM), and a registered patent attorney.

Florian Zettelmeyer is the Nancy L. Ertle Professor of Marketing at the Kellogg School of Management at Northwestern University. He is the founder and Director of the Program on Data Analytics at Northwestern. Prior to his appointment at Kellogg, he was an Associate Professor of Marketing and chair of the marketing group at the Haas School of Business, University of California at Berkeley. Before his Ph.D., he briefly worked in consulting at McKinsey and Company's German office.

James Cooper is the Deputy Director for Economic Analysis in the Bureau of Consumer Protection at the FTC and an Associate Professor of Law (on leave) at George Mason University Antonin Scalia Law School. He has previously served as Deputy and Acting Director of the Office of Policy Planning and as an Advisor to Federal Trade Commissioner William Kovacic.

Panel 3: The Impact of GDPR on EU Technology Venture Investment

Liad Wagman is Associate Professor of Economics at the IIT Stuart School of Business in Chicago. He was a Visiting Assistant Professor of Managerial Economics and Decision Sciences at Northwestern University's Kellogg School of Management, a research fellow at the Duke University's Computer Science Department and Social Sciences Research Institute.

Andrew Stivers is Deputy Director in the Bureau of Consumer Protection at the FTC. He has previously served as Acting Deputy of the Office of Analytics and Outreach, Director of the Public Health Informatics and Analytics, and Senior Economist, all at the Center for Food Safety and Applied Nutrition at the U.S. Food and Drug Administration. He was also previously an Assistant Professor in the Department of Economics at Oregon State University.

Big Data Fails: Recent Research into the Surprising Ineffectiveness of Black-Box AI

Catherine Tucker is the Sloan Distinguished Professor of Management Science and Professor of Marketing at MIT Sloan. She is also Chair of the MIT Sloan PhD Program and a research associate at the National Bureau of Economic Research. In 2011, she received the National Science Foundation Career Award for her research on digital privacy. She would like to acknowledge the financial support of the NSF, the Net Institute, and the Cryptoeconomics Lab at MIT for the research she is presenting today. She also has a general disclosure statement at http://mitmgmtfaculty.mit.edu/cetucker/disclosure/.

Corporate Data Ethics: Risk Management for the Big Data Economy

Dennis Hirsch is Professor of Law and Director of the Program on Data and Governance at The Ohio State University Moritz College of Law. He also holds the title of Professor of Law at Capital University Law School. He teaches course on Information Privacy Law, Big Data Law and Policy, and Environmental Law. Previously, he was a Fulbright Senior Professor at the University of Amsterdam, served as a law clerk to Judge Walker of the Second Circuit Court of Appeals. He would like to acknowledge the support of the Translational Data Analytics Institute at The Ohio State University, the Risk Institute at The Ohio State University Fisher College of Business, and Facebook, each of which provided funding for his research on corporate big data ethics.

Free Speech and Data Policy

Jane Bambauer is a Professor of Law at the University of Arizona, James E. Rogers College of Law. Her research assesses the social costs and benefits of Big Data and explores the implications of privacy laws. Jane has also served as a Visiting Assistant Professor of Law and Brooklyn Law School and the Director of Project SEAPHE at the UCLA School of Law.

FTC Experience with Data Markets

Haidee Schwartz is an Acting Deputy Director in the FTC's Bureau of Competition, where she also worked as an Attorney in the Mergers IV division. In the interim, Haidee served as an Attorney Advisor for former-Commissioner and Acting Chairman Maureen K. Ohlhausen. Prior to joining the FTC, she was Counsel at O'Melveny & Myers LLP and Senior Vice President of Powell Tate/Weber Shandwick.

SPEAKER BIOS

Wednesday, November 7, 2018

Panel 1: Antitrust Analysis of Data

Jonathan B. Baker is Research Professor of Law at American University Washington College of Law. He specializes in the areas of antitrust and economic regulation. Professor Baker served as the Chief Economist of the Federal Communications Commission from 2009 to 2011, and as the Director of the Bureau of Economics at the FTC from 1995 to 1998. He previously served as a Senior Economist on the President's Council of Economic Advisers and Special Assistant to the Deputy Assistant Attorney General for Economics in the Antitrust Division of the Department of Justice.

Michael R. Baye is the Bert Elwert Professor of Business at Indiana University's Kelley School of Business. He served as the Director of the Bureau of Economics at the FTC during 2007 and 2008. Michael has lectured and spoken at conferences and academic institutions throughout North America and Europe, and has held visiting appointments at Cambridge, Oxford, Erasmus University, Tilburg University, and the New Economic School in Moscow.

Allen P. Grunes is the Co-Founder of the Konkurrenz Group in Washington D.C. Mr. Grunes spent more than a decade at the U.S. Department of Justice Antitrust Division, where he led many merger and civil non-merger investigations. Mr. Grunes currently serves as Chair of the Antitrust Committee of the Bar Association of the District of Columbia. He serves on the Advisory Boards of the American Antitrust Institute and the Institute for Consumer Antitrust Studies at Loyola University Chicago School of Law.

Renata B. Hesse is a partner at Sullivan & Cromwell LLP. Hesse was previously the Acting Assistant Attorney General, Principal Deputy Assistant Attorney General, Chief of the Networks and Technology Section, and a Trial Attorney in the Antitrust Division at the DOJ. Hesse has also served as Senior Counsel to the Chairman of the Federal Communications Commission.

Alexander Okuliar is a Partner at Orrick. From 2012-2015, Alex served as advisor to FTC Commissioner Maureen Ohlhausen, counseling her on the agency's numerous investigations, enforcement actions, and policies. Earlier, from 2010-2012, Alex was a trial attorney at the DOJ Antitrust Division focused on technology and finance. Prior to his government service, Alex spent more than a decade in private practice at other leading international law firms.

D. Daniel Sokol is the University of Florida Research Foundation Professor and University Term Professor of Law at the University of Florida Levin College of Law and Senior Of Counsel in the Washington, D.C., office of Wilson Sonsini Goodrich & Rosati. He is also the editor of the *Antitrust and Competition Policy Blog*. In 2014, the *Global Competition Review* named Daniel the Antitrust Academic of the Year, the first non-PhD economist so honored.

Gail Levine is currently Deputy Director in the FTC's Bureau of Competition. She previously served as Director of U.S. Competition Law, and head of US Regulatory Affairs, at Uber, and Vice President and Associate General Counsel at Verizon. Her prior experience at the FTC included serving as an Attorney Advisor to Chairman Deborah Majoras, as Deputy Assistant General Counsel, and as Assistant Director of the Office of Policy Planning.

Panel 2: Remedies for Anticompetitive Effects

Kevin Bankston is the director of New America's Open Technology Institute, where he works in the public interest to ensure that all communities have equitable access to an internet that is both open and secure. He previously served as OTI's policy director. Prior to leading OTI's policy team, Bankston was a senior counsel and the director of the Free Expression Project at the Center for Democracy & Technology. He also has served since 2005 on the board of the First Amendment Coalition and previously was a nonresidential fellow at the Stanford Law School's Center for Internet & Society.

Courtney Dyer is a Partner at O'Melveny & Myers LLP and a member of the firm's Antitrust and Competition Practice. Courtney's areas of focus include government merger and non-merger investigations, private antitrust litigation, and counseling clients on antitrust issues. In recent years Courtney has represented clients in major transactions in the technology, biotech, healthcare, airline, food products, manufacturing, telecommunications, and energy industries.

Andrew Gavil has taught law at Howard University since 1989, and has written, lectured, and commented extensively on antitrust law. He has co-authored several books, including Microsoft and the Globalization of Antitrust Law: Competition Policy for the Twenty-First Century, and Antitrust Law in Perspective: Cases Concepts and Problems in Competition Policy. From September 2012 to December 2014, he served as the Director of the FTC's Office of Policy Planning. He currently serves as the Chair of the Editorial Board of the Antitrust Law Journal.

Frank Pasquale is a Professor of Law at the University of Maryland, Francis King Carey School of Law. His book, *The Black Box Society: The Secret Algorithms that Control Money and Information* (Harvard University Press, 2015), develops a social theory of reputation, search, and finance, and offers pragmatic reforms to improve the information economy. Pasquale has been a Visiting Fellow at Princeton's Center for Information Technology (CITP), Cambridge's Center for Research in Arts, Social Sciences, and Humanities (CRASSH), and National Taiwan University.

D. Daniel Sokol is the University of Florida Research Foundation Professor and University Term Professor of Law at the University of Florida Levin College of Law and Senior Of Counsel in the Washington, D.C., office of Wilson Sonsini Goodrich & Rosati. He is also the editor of the *Antitrust and Competition Policy Blog*. In 2014, the *Global Competition Review* named Daniel the Antitrust Academic of the Year, the first non-PhD economist so honored.

Katie Ambrogi is an Attorney Advisor in the Federal Trade Commission's Office of Policy Planning. She was previously an attorney in the Mergers IV Division of the FTC's Bureau of Competition and served as an Attorney Advisor to former Commissioner Julie Brill.

Economics of Online Advertising

Garrett Johnson teaches marketing at Boston University's Questrom School of Business. His research on Internet Marketing examines online display advertising: the medium's effectiveness and privacy issues. His privacy research quantifies the value of online behavioral targeting to industry and considers the impact of policy & self-regulatory approaches. He is a recipient of the Paul E. Green Award for marketing research.

Panel 3: Competition and Consumer Protection Issues in Online Advertising

Howard Beales is Professor of Strategic Management and Public Policy at the George Washington University, where he teaches classes on applied microeconomics, managerial economics, and the relationship between business and government. His research has covered a range of consumer protection regulatory issues, including privacy, law and economics, the new drug approval process, and the regulation of marketing and advertising. He served as Director of the FTC's Bureau of Consumer Protection. He has consulted for the Network Advertising Initiative and the Digital Advertising Alliance.

Allie Bohm is Policy Counsel at Public Knowledge, focusing on government affairs work in key issue areas including broadband policy, privacy, artificial intelligence, and other tech policy initiatives. Prior to law school, Allie was the Advocacy & Policy Strategist at the American Civil Liberties Union (ACLU) covering state policy nationwide related to speech, privacy, and technology, among other issues.

Leigh Freund is the President and CEO of the Network Advertising Initiative. Freund joined NAI in 2015 after an eleven-year career at AOL Inc., where she served as vice president & chief counsel for global public policy. Before joining AOL in 2004, Leigh worked at K&L Gates and on Capitol Hill with Rep. Fred Upton from her home state of Michigan.

Garrett Johnson teaches marketing at Boston University's Questrom School of Business. His research on Internet Marketing examines online display advertising: the medium's effectiveness and privacy issues. His privacy research quantifies the value of online behavioral targeting to industry and considers the impact of policy & self-regulatory approaches. He is a recipient of the Paul E. Green Award for marketing research.

Anja Lambrecht is an Associate Professor of Marketing at the London Business School. Her research focuses on digital marketing, with an emphasis on digital marketing communications (including online advertising and targeting) and monetization in digital markets (including pricing and promotion). Anja has previously taught at UCLA and was a Visiting Scholar at Stanford Graduate School of Business. In 2018, Anja received the William F. O'Dell Award, in 2014 the Paul E. Green Award and in 2016 and 2017 she was a finalist for the INFORMS Society of Marketing Science Long Term Impact Award. She has consulted for Google and Facebook and received funding and grants from the Marketing Science Institute, the Deloitte Institute for Innovation and Entrepreneurship (at London Business School) and the Computer & Communications Industry Association. She has received data from multiple firms including Havas Digital.

Katie McInnis is a policy counsel in Consumers Union's Washington DC office. Before joining CU in 2016, Katie served as a Privacy & Technology Fellow at the Center for Democracy & Technology and the Enforcement Bureau of the Federal Communications Commission.

James Cooper is the Deputy Director for Economic Analysis in the Bureau of Consumer Protection at the FTC and an Associate Professor of Law (on leave) at George Mason University Antonin Scalia Law School. He has previously served as Deputy and Acting Director of the Office of Policy Planning and as an Advisor to Federal Trade Commissioner William Kovacic.

Panel 4: The Impact of Privacy Regulations on Competition and Innovation

Jane Bambauer is a Professor of Law at the University of Arizona, James E. Rogers College of Law. Her research assesses the social costs and benefits of Big Data and explores the implications of privacy laws. Jane has also served as a Visiting Assistant Professor of Law and Brooklyn Law School and the Director of Project SEAPHE at the UCLA School of Law.

Avi Goldfarb is the Rotman Chair in Artificial Intelligence and Healthcare at the Rotman School of Management, University of Toronto. Avi also serves as the Chief Data Scientist at the Creative Destruction Lab, Senior Editor at Marketing Science, and Research Associate at the National Bureau of Economic Research. His research focuses on the opportunities and challenges of the digital economy, particularly as related to marketing, statistics, law, computing, and economics.

Anja Lambrecht is an Associate Professor of Marketing at the London Business School. Her research focuses on digital marketing, with an emphasis on digital marketing communications (including online advertising and targeting) and monetization in digital markets (including pricing and promotion). Anja has previously taught at UCLA and was a Visiting Scholar at Stanford Graduate School of Business. In 2018, Anja received the William F. O'Dell Award, in 2014 the Paul E. Green Award and in 2016 and 2017 she was a finalist for the INFORMS Society of Marketing Science Long Term Impact Award. She has consulted for Google and Facebook and received funding and grants from the Marketing Science Institute, the Deloitte Institute for Innovation and Entrepreneurship (at London Business School) and the Computer & Communications Industry Association. She has received data from multiple firms including Havas Digital.

Amalia Miller is an Associate Professor of Economics at the University of Virginia, an Adjunct Economist at the RAND Corporation, and a Research Fellow for IZA Institute of Labor Economics. Her research was recognized with the 2013 IZA Young Labor Economist Award, the 2012 Garfield Economic Impact Award, and the 2006 Arrow Prize for Junior Economists.

Lior Strahilevitz is the Sidley Austin Professor of Law at the University of Chicago Law School, where he has taught since 2002. Some of his teaching and research interests include law and economics, law and technology, and privacy. Prior to joining academia, Lior was a litigation associate in private practice and clerked for the U.S. Court of Appeals, Ninth Circuit.

Rahul Telang is Professor of Information Systems and Management at Carnegie Mellon University (Heinz College and Tepper School of Business). Some of Rahul's research focuses on the economics of information security and privacy – and how the digitization of information affects consumers, business, and policies. Recent research includes data breach disclosure laws and identity theft. He received the NSF CAREER award for his work on economics of information security.

Daniel Gilman is an Attorney Advisor in the FTC's Office of Policy Planning, where he works on competition issues in health care and technology, and on the impact of regulation. He has received the FTC's Paul Rand Dixon Award and its' Janet D. Steiger award. He visited Harvard as the Victor H. Kramer Foundation Fellow in antitrust in 2014-15. Previously, he taught at Maryland, Penn State, and Washington University, and worked in private practice in Washington.

Panel 5: The Potential Impact of GDPR on Competition and Innovation

Jim Halpert is a partner at DLA Piper, and Co-Chair of the firm's US Cybersecurity practice, and of the firm's Global Data Protection, Privacy and Security practice. He has represented clients in security and privacy cases in the federal courts, before the FTC, and under European, Asian and Latin American privacy regimes. He has also assisted in drafting many of the United States' Internet privacy laws. Prior to that, he was a law clerk to Judge Sarokin on the District Court for the District of New Jersey.

Garrett Johnson teaches marketing at Boston University's Questrom School of Business. His research on Internet Marketing examines online display advertising: the medium's effectiveness and privacy issues. His privacy research quantifies the value of online behavioral targeting to industry and considers the impact of policy & self-regulatory approaches. He is a recipient of the Paul E. Green Award for marketing research.

Orla Lynkey is an Associate Professor of Law at the London School of Economics and Political Science. She teaches and conducts research in the areas of data protection and digital rights, technology regulation, and EU law. Orla is a general editor of *International Data Privacy Law* and a case-note editor of the *Modern Law Review*. She is also a member of the EU Commission multi-stakeholder expert group on the GDPR and a member of several advisory boards on matters relevant to data protection. Prior to entering into academia, she worked for two years in competition law practice in Brussels.

Simon McDougall is an Executive Director in the UK's Information Commissioner's Office. A member of the Executive Team, he is responsible for leading the work of the Technology Policy and Innovation Directorate, ensuring delivery of ICO strategic goals through stakeholder liaison, guidance, research and international activity. Prior to this appointment, Simon led a global privacy consulting practice at Promontory, an IBM company, leading projects across Europe, the US and Asia. He previously led a similar team for Deloitte in the UK.

Renato Nizzini is a Professor at King's College London where he focuses on competition law and commercial arbitration. He previously served as a Professor of Competition Law and Arbitration at the University of Southampton and as Deputy Director of the Legal and Policy Department, Office of Fair Trading (the UK's competition authority, now named the Competition and Markets Authority). Renato has acted as an arbitrator, expert witness, and represented clients worldwide on competition issues.

Rainer Wessely is posted at the Delegation of the European Union to the US and responsible for Competition and Justice policy. Before this he served for four years as Assistant to Director General Johannes Laitenberger and Director General Alexander Italianer at DG Competition in Brussels, during that time responsible amongst other for Antitrust and Merger enforcement and international cooperation in this field. Rainer worked several years as a senior associate at Hogan Lovells and has conducted numerous cartel investigations, working in the Cartel Directorate of DG Competition for almost 7 years. He holds a PhD in international trade law and an LLM in European and international law.

Hugh Stevenson is the Deputy Director for International Consumer Protection in the FTC's Office of International Affairs. He is the U.S. Vice Chair of the OECD working party on security and privacy in the digital economy, and has worked on Safe Harbor and Privacy Shield issues. Hugh has taught comparative US-EU privacy law as an Adjunct Professor at Georgetown University.

SPEAKER BIOS

Thursday, November 8, 2018

Panel 1: Perspectives on Data Policy

Allie Bohm is Policy Counsel at Public Knowledge, focusing on government affairs work in key issue areas including broadband policy, privacy, artificial intelligence, and other tech policy initiatives. Prior to law school, Allie was the Advocacy & Policy Strategist at the American Civil Liberties Union (ACLU) covering state policy nationwide related to speech, privacy, and technology, among other issues.

Tom Lenard is Senior Fellow and President Emeritus at the Technology Policy Institute. His research spans telecommunications, antitrust, privacy e-commerce and other regulatory issues. Tom has served in senior economics positions at the Office of Management and Budget, the FTC, the Council on Wage and Price Stability, and taught economics at UC Davis. He is the former president and Chairman of the board of the National Economics Club.

Katie McInnis is a policy counsel in Consumers Union's Washington DC office. Before joining CU in 2016, Katie served as a Privacy & Technology Fellow at the Center for Democracy & Technology and the Enforcement Bureau of the Federal Communications Commission.

Eric Null is senior policy counsel at the Open Technology Institute, where he focuses on internet openness and affordability, network neutrality, and privacy issues. Prior to joining OTI, he was a senior staff attorney at the Institute for Public Representation at Georgetown Law where he represented public interest organizations in front of the FTC, FCC, and courts of appeals. In private practice, Eric has also served as an attorney for an intellectual property firm.

Ramsi Woodcock is an assistant professor of law at the University of Kentucky College of Law, with a particular focus on the consequences of the information age for the antitrust treatment of personalized pricing, dynamic pricing, and advertising. He also has a secondary appointment as an assistant professor of management at the Gatton College of Business and Economics. He received his B.A. from Yale University (2000); his J.D. from Harvard Law School (2006) and a M.Sc. in Finance and Economics from the London School of Economics (2008). His article *The Obsolescence of Advertising in the Information Age* recently appeared in The Yale Law Journal.

Peggy Bayer Femenella is an attorney at the FTC in the Mergers II division. Previously, Peggy was Counsel to the Director and an attorney in the Anticompetitive Practices division. She has worked for the FTC for 18 years and has worked on both conduct and merger cases in a wide variety of industries, including technology, chemicals, healthcare, real estate, and gasoline. She has litigated cases in both Federal Court and before the FTC Part 3 administrative hearings.

Panel 2: Former Enforcers Perspective: Where Do We Go From Here? What is Right, Wrong, or Indeterminate about Data Policy?

Bill Baer is a partner at Arnold & Porter. Previously, he served as Acting Attorney General at the DOJ, Assistant Attorney General for the Antitrust Division at the DOJ, and Director of the Bureau of Competition at the Federal Trade Commission. Prior to that, he was the Assistant General Counsel & Director of Congressional Relations, and an Attorney Advisor to the Chairman of the FTC.

Julie Brill is the Corporate Vice President and Deputy General Counsel for Global Privacy and Regulatory Affairs at Microsoft. Julie is a former Commissioner of the FTC, where she served from 2010 – 2016 and was widely recognized for her work on internet privacy and data security issues related to advertising and financial fraud. In 2015, she was named one of the "Top 50 Influencers on Big Data."

Maureen K. Ohlhausen is a former FTC Commissioner, serving in that role from 2012 to 2018, and as Acting FTC Chairman from 2017 until May 2018. Before that, she was a partner at Wilkinson Barker Knauer, where she focused on FTC issues, including privacy, data protection, and cybersecurity. She previously served 11 additional years at the FTC, most recently as Director of the Office of Policy Planning, where she led the FTC's Internet Access Task Force. Before that, she worked at the U.S. Court of Appeals for the D.C. Circuit, serving as a law clerk for Judge David B. Sentelle and as a staff attorney. She has authored a variety of articles on competition law, privacy, and technology matters.

Daniel Gilman is an Attorney Advisor in the FTC's Office of Policy Planning, where he works on competition issues in health care and technology, and on the impact of regulation. He has received the FTC's Paul Rand Dixon Award and its Janet D. Steiger award. He visited Harvard as the Victor H. Kramer Foundation Fellow in antitrust in 2014-15. Previously, he taught at Maryland, Penn State, and Washington University, and worked in private practice in Washington.

Katie Ambrogi is an Attorney Advisor in the Federal Trade Commission's Office of Policy Planning. She was previously an attorney in the Mergers IV Division of the FTC's Bureau of Competition and served as an Attorney Advisor to former Commissioner Julie Brill.