

## University-wide Committee on Data-Intensive Social Science

2017-18



### **Alan Gerber, PhD (Chair)**

Alan Gerber is the Dean of the Social Science Division of the Faculty of Arts and Science, the Charles C. and Dorathea S. Dilley Professor of Political Science, Faculty in Residence at the Institution for Social and Policy Studies, and director of the Center for the Study of American Politics at Yale University. His current research focuses on the application of experimental methods to the study of campaign communications, and he has designed and performed experimental evaluations of many political communications programs, both partisan and non-partisan in nature.

He has received various academic honors and awards, including the Best Book Award from the APSA Organized Section on Experimental Research (2013) and the Heinz Eulau Award for the best article in the American Political Science Review (2002), and was recently selected to be a fellow at the Society for Political Methodology (elected 2016). He was elected to the American Academy of Arts and Sciences (2009) and the American Academy of Political and Social Sciences (2011), and was a fellow at the Center for Advanced Studies in the Behavioral Sciences (2004-2005).

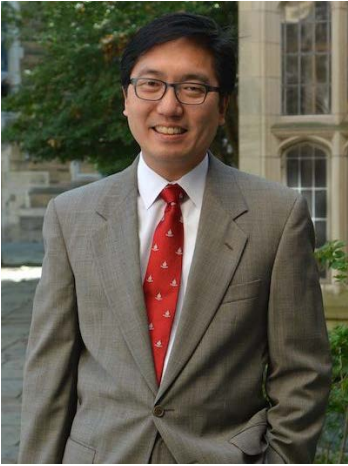
He has served as president of the APSA Organized Section on Experimental Research as well the chair of the APSA Organized Section on Experimental Research Reporting Standards Committee. Professor Gerber is also a Faculty Research Associate in Political Economy at NBER and a Faculty Affiliate at the Jameel Poverty Action Lab-North America.

He received his B.A. from Yale University in 1986 and his Ph.D. from Massachusetts Institute of Technology in 1994.



### **Judith A. Chevalier, PhD**

Professor Chevalier's research is in the areas of both finance and industrial organization. Some of her recent research examines the interaction between customer reviews and firm strategy, consumer foresight in markets for durable goods, the impact of state regulations in the market for funeral products and services, and the taste for leisure as a determinant of occupational choice. She has written a series of papers on the economics of electronic commerce, the interaction between firm capital structure and product market competition, price seasonality and cyclicity, and tests of models of agency relationships and career concerns, and firm diversification. She is a former co-editor of the American Economic Review and of the Rand Journal of Economics.



### **Marvin M. Chun, PhD**

Marvin M. Chun is Dean of Yale College and the Richard M. Colgate Professor of Psychology, with secondary appointments in the Cognitive Science Program and the Yale School of Medicine Department of Neuroscience. He leads a cognitive neuroscience laboratory that uses functional brain imaging to study how people see, attend, remember, and perform optimally.

Chun's research has been honored with several early-mid career awards, such as the Troland Research Award from the United States National Academy of Sciences, and the American Psychological Association Distinguished Scientific Award for an Early Career Contribution to Psychology. His undergraduate teaching of Introduction to Psychology, one of the largest classes in Yale College, has been recognized with both the Phi Beta Kappa William Clyde DeVane Medal for Distinguished Scholarship and Teaching in Yale College, and the Lex Hixon '63 Prize for Teaching Excellence in the Social Sciences. He served as the John B. Madden head of Berkeley College from 2007-2016.



### **Pinelopi Koujianou Goldberg, PhD**

Pinelopi Koujianou Goldberg is the Elihu Professor of Economics at Yale University and Co-Editor of the *American Economic Review*. She was the Editor-in-Chief of the *American Economic Review* from 2011 to 2017. She is Member of the American Academy of Arts and Sciences, Recipient of the John Simon Guggenheim Memorial Foundation Fellowship in 2010-11 and the Bodossaki Prize in Social Sciences in 2003, Elected Fellow of the Econometric Society, Research Associate at the National Bureau of Economic Research (NBER), and Board Member of the Bureau for Research and Economic Analysis of Development (BREAD). Prior to Yale, she was faculty at Princeton and Columbia University. Professor Goldberg holds a Diplom in Economics from the University of Freiburg, Germany and a Ph.D in Economics from Stanford University.



### **Harlan Krumholz, MD, SM**

Harlan Krumholz is a cardiologist and health care researcher at Yale University and Yale-New Haven Hospital. He received a BS from Yale, an MD from Harvard Medical School, and a Masters in Health Policy and Management from the Harvard University School of Public Health. He is the Harold H. Hines, Jr. Professor of Medicine and Director of the Yale Center for Outcomes Research and Evaluation (CORE), one of the nation's first and most productive research units dedicated to producing innovations to improve patient outcomes and promote better population health. He is also a Director of the Robert Wood Johnson Foundation Clinical Scholars Program, which prepares talented physicians to become future health care leaders.



**Yair Listokin, JD, PhD**

Yair Listokin is the Shibley Family Fund Professor of Law at Yale Law School. His scholarship examines tax law, corporate law, and contract law from both empirical and theoretical perspectives. He is particularly interested in the interactions between law and macroeconomics. He argues that law provides an unexplored tool for stabilizing depressed economies when monetary and fiscal policy prove inadequate. Professor Listokin has been honored with a Milton Friedman Fellowship from the Becker-Friedman Institute at the University of Chicago and has served as a Visiting Professor at Columbia Law School, Harvard Law School, and NYU School of Law. His research has been featured in *Fortune*, *cnn.com*, *The Boston Globe*, and *Slate*.



**John D. Lafferty, PhD**

John D. Lafferty, the John C. Malone Professor of Statistics and Data Science, conducts research on statistical machine learning, with a focus on computational and statistical aspects of nonparametric methods, high-dimensional data, graphical models, and statistical language modeling.

Lafferty earned his doctoral degree in mathematics from Princeton University, where he was a member of the Program in Applied and Computational Mathematics. He worked as a research staff member at the IBM Thomas J. Watson Research Center, before joining the faculty at Carnegie Mellon University. He was previously the Louis Block Professor of Statistics and Computer Science at the University of Chicago before joining Yale in July 2017 as professor of statistics and data science, with a secondary appointment in computer science.



**David Paltiel, MBA, PhD**

The objective that guides Dr. Paltiel's scholarly activities is to promote a reasoned approach to decision making and resource allocation in public health and medicine. Trained in the field of Operations Research, Dr. Paltiel designs and implements policy models and cost-effectiveness analyses. He has a special interest and expertise in HIV/AIDS and has published broadly on the cost-effectiveness of testing, prevention, treatment, and care, both in the United States and around the world.

Paltiel earned his MBA from Yale University in 1985 and his doctoral degree in Operations Research also from Yale, in 1992.



**Andrew Metrick, PhD**

Andrew Metrick joined the Yale School of Management in 2008 as a professor of finance. He has previously held faculty positions in the finance department at Wharton and the economics department at Harvard. In the 2009-2010 academic year, he was on leave working for the Council of Economic Advisers. He is also a Research Associate at the National Bureau of Economic Research and the Director of the Yale Program on Financial Stability.

Professor Metrick's current research and teaching is focused on financial stability, including the regulation of systemic risk, the activities of complex financial institutions, and the causes and consequences of the financial crisis of 2007-2009. His past work has been in financial intermediation more generally, with a focus on investment management and corporate governance.



**Karen Seto, PhD**

Karen Seto is the Frederick C. Hixon Professor of Geography and Urbanization Science at the Yale School of Forestry and Environmental Studies. She is an urban and land change scientist whose central research focus is how urbanization will affect the planet. A geographer by training, she integrates remote sensing, field interviews, and modeling methods to study urbanization and land change, forecast urban growth, and examine the environmental consequences of urban expansion. She is an expert in satellite remote sensing analysis and has pioneered methods to reconstruct historical land-use and to develop empirical models to explain and forecast the expansion of urban areas. Seto is a specialist in contemporary urbanization in China and India, where she has conducted research for over 20 and 10 years, respectively. Her research is notable for its systematic use of big data and a scientific lens to study urbanization as a process and to understand

the aggregate global impacts of urbanization. Seto's research has generated new insights on the interaction between urbanization and food systems, the effects of urban expansion on biodiversity and cropland loss, urban energy use and emissions, and urban mitigation of climate change.



**Ebonya Washington, PhD**

Ebonya Washington is Professor of Economics and Political Science. She received her PhD in economics at MIT in 2003. She specializes in public finance and political economy with research interests in the interplay of race, gender and political representation; the behavioral motivations and consequences of political participation and the processes through which low income Americans meet their financial needs. Her work has appeared in the *Journal of Human Resources* and the *Quarterly Journal of Economics*.