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11-2017

## 2017 Conference Program

ADRF Network

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This is the conference program for the 2017 ADRF Network Research Conference.

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## 2017 Conference Program

### **Comments**

This is the conference program for the 2017 ADRF Network Research Conference.

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ADRF NETWORK INAUGURAL CONFERENCE

**BUILDING  
FOUNDATIONS**

FOR

**DATA SHARING**

AND

**ETHICAL USE**

NOVEMBER 2017

# BUILDING FOUNDATIONS

FOR

## DATA SHARING

AND

## ETHICAL USE

MONDAY, NOVEMBER 13, 2017  
4:00pm - 7:00pm

TUESDAY, NOVEMBER 14TH, 2017  
8:15am - 5:00pm

Georgetown University Conference Center  
3800 Reservoir Rd, NW  
Washington, District of Columbia 20001

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## Organizing Team

**Dennis Culhane**, University of Pennsylvania  
**Venus Davis**, Georgetown University  
**Matthew Gee**, University of Chicago  
**Daniel L. Goroff**, Alfred P. Sloan Foundation  
**Robert M. Groves**, Georgetown University  
**Barbara Kelly**, Future of Privacy Forum  
**Monica King**, ADRF Network  
**Laura Kitson**, University of Pennsylvania  
**Amy O'Hara**, Stanford University  
**Kathy Pettit**, Urban Institute  
**Jules Polonetsky**, Future of Privacy Forum  
**Robert Shea**, Grant Thornton  
**Kathy Stack**, Laura and John Arnold Foundation  
**Ken Steif**, University of Pennsylvania  
**Ali Whitmer**, Georgetown University  
**Fred Wulczyn**, University of Chicago

## Conference Co-conveners



**Actionable Intelligence for Social Policy (AISP), University of Pennsylvania**  
Actionable Intelligence for Social Policy (AISP) at the University of Pennsylvania is an initiative that focuses on the development, use, and innovation of integrated data systems (IDS) for policy analysis and program reform. AISP engages a network of states and counties that are already demonstrating the immense potential of linked administrative data to improve services and inform decision-making, as well as learning communities of developing IDS sites. By fostering collaboration, documenting best practices, and offering individualized training and technical assistance, AISP encourages social innovation and social policy experimentation so government can work better, smarter and faster.



**Massive Data Institute at Georgetown University**  
Georgetown University is one of the world's leading academic and research institutions, offering a unique educational experience that prepares the next generation of global citizens to lead and make a difference in the world. We are a vibrant community of exceptional students, faculty, alumni and professionals dedicated to real-world applications of our research, scholarship, faith and service.

## Sponsor



**Alfred P. Sloan Foundation**  
The Alfred P. Sloan Foundation is a philanthropic, not-for-profit grantmaking institution based in New York City. Established in 1934, the Foundation makes grants in support of original research and education in science, technology, engineering, mathematics, and economics. This conference is supported through the Foundation's Economic Institutions, Behavior & Performance program, which supports research on U.S. economic structure, behavior, and performance whose findings inform and strengthen decision-making by regulators, policymakers, and the public.

## Conference Description

### ABOUT THE CONFERENCE

As surveys continue to experience declining response rates and incur rising costs, the research community from government, business, and academia have been turning to administrative data as a powerful supplement. However, guidance and standards governing the sharing and ethical use of administrative data for research purposes are currently not well established in the United States.

The extraordinary efforts of the bipartisan Commission on Evidence-Based Policymaking (CEP) took a huge step forward in laying out the roadmap for how the federal government can leverage administrative data to inform policy and decision-making while increasing privacy protection measures. With the CEP work as the foundation, this conference brings together the research community to share approaches in expanding data access in both public and private sectors, exploring novel research applications, and discussing opportunities for building out the national data infrastructure beyond the federal level.

### ABOUT THE ADRF NETWORK

The ADRF Network was recently formed to promote access to and ethical use of administrative data in social science research. We connect US-based administrative data holders, users, and intermediaries and engage with privacy leaders and other stakeholders to transform this emerging field in a coordinated effort. In our first year, we are mobilizing this coalition through research conferences, summits, and working groups to move toward developing shared resources and identifying longer term needs.

The impetus of the ADRF Network comes from The Alfred P. Sloan Foundation, which recently funded eight institutions to conduct groundbreaking work in administrative data research. We look forward to building collaborative opportunities among these institutions and beyond.

## WELCOME COLLOQUIUM

4:00 - 5:00

**Welcome Colloquium on Trust, Transparency, and Privacy (Salon H)** — Discussion by the leaders of the Commission on Evidence-Based Policymaking and the National Academies Panel on using multiple data sources to improve federal statistics will focus on the key recommendations and the promise and challenges for federal government statistical activities.

### SPEAKERS



**Katharine G. Abraham**  
**University of Maryland, Chair of the Commission on Evidence-Based Policymaking**  
 Dr. Katharine G. Abraham served as Chair of the Commission on Evidence-Based Policymaking. She is Professor of Economics and Survey Methodology at the University of Maryland and has written extensively on the effects of labor market institutions and policies on firm and worker behavior, labor market adjustment over the business cycle, and the measurement of economic activity. Dr. Abraham first joined the University of Maryland faculty in 1987, after holding prior positions at the Brookings Institution and at the Massachusetts Institute of Technology's Sloan School of Management. From 2011 to 2013, she served as a Member of the President's Council of Economic Advisers and from 1993 to 2001 she served as Commissioner of the Bureau of Labor Statistics. She is a Fellow of the Society of Labor Economists and of the American Statistical Association and has served as a Vice President of the American Economic Association. Dr. Abraham received a B.S. from Iowa State University and a Ph.D. from Harvard University.



**Ron Haskins**  
**Brookings Institute, Co-chair of the Commission on Evidence-Based Policymaking**  
 Ron Haskins is a Senior Fellow and holds the Cabot Family Chair in Economic Studies at the Brookings Institution, where he co-directs the Center on Children and Families. He is also Co-chair of the Commission on Evidence-Based Policymaking, a senior consultant at the Annie E. Casey Foundation, and past-president of the Association for Public Policy Analysis and Management. Haskins is the co-author of *Show Me the Evidence: Obama's Fight for Rigor and Evidence in Social Policy* (2015) and *Creating an Opportunity Society* (2009) and the author of *Work over Welfare: The Inside Story of the 1996 Welfare Reform Law* (2006). In 2002, he was the Senior Advisor to the President for Welfare Policy. Beginning in 1986, he spent 14 years on the staff of the House Ways and Means Committee. Haskins was selected by the National Journal as one of the 100 most influential people in the federal governments in 1997. Haskins and his colleague Isabel Sawhill were awarded the Moynihan Prize in 2016 for being "champions of the public good and advocates for public policy based on social science research." In 2016, he was appointed by Speaker Paul Ryan to co-chair the Commission on Evidence-Based Policymaking. He lives with his wife in Pasadena, Maryland and has four grown children and three grandchildren.



**Robert M. Groves**  
**Provost, Georgetown University and Chair of the National Academies Panel on Using Multiple Data Sources and State-of-the-Art Estimation Methods in Federal Statistics**  
 Robert M. Groves is the Gerard J. Campbell, S.J. Professor in the Math and Statistics Department as well as the Sociology Department at Georgetown University where he has served as the Executive Vice President and Provost since 2012. Groves is a Social Statistician, who studies the Impact of Social Cognitive and Behavioral Influences on the quality of Statistical Information. His research has focused on the impact of mode of data collection on responses in sample surveys, the social and political influences on survey participation, the use of adaptive research designs to improve the cost and error properties of statistics, and public concerns about privacy affecting attitudes toward statistical agencies.

5:00 - 7:00

**Networking Reception (Southwest Gallery)**

## SCHEDULE OF SESSIONS & KEYNOTE

8:15 - 9:00

**Continental Breakfast and Registration (Salon A)**

9:00 - 9:15

**Introductory Remarks (Salon G)**

**Robert M. Groves**, Provost, Georgetown University  
**Dennis Culhane**, Professor and Co-PI, Actionable Intelligence for Social Policy, University of Pennsylvania  
**Monica King**, Director, ADRF Network

9:15 - 10:30

**Welcome Plenary: Federal Data Suppliers Discuss Recommendations from the Commission on Evidence-Based Policymaking Report (Salon G)** — This session brings together federal statistical agencies to discuss the recommendations from the Commission on Evidence-Based Policymaking (CEP) final report. Specifically, they will discuss the key recommendations on the implementation of the proposed National Secure Data Service (NSDS). How would the NSDS advance the work of the individual agencies? What resources would the agencies need to get to the vision outlined in the report?

► **Moderator: Robert Shea, Principal, Grant Thornton LLP & Commissioner, CEP**

### ROUNDTABLE SPEAKERS

**E. Ann Carson**, Acting Chief, Corrections Unit, Bureau of Justice Statistics  
**Chris Chapman**, Associate Commissioner for Sample Surveys, National Center for Education Statistics  
**John L. Eltinge**, Assistant Director for Research and Methodology, Census Bureau  
**Lisa Mirel**, Chief, Special Projects Branch, National Center for Health Statistics

10:30 - 10:45

**Break**

10:45 - 12:00

### Two Concurrent Panels on Administrative Data Access Landscape

#### 1 Public Sector/Government Data (Salon B)

Researchers are continuing to expand access to administrative data from public sector and government sources. This panel will illustrate new projects that address the accessibility and usability of these data for researchers and policymakers.

► **Moderator: Kathy Pettit, Senior Research Associate, Urban Institute**

### PRESENTERS

**Jun Zhu**, Senior Research Associate, Housing Finance Policy Center at Urban Institute, "Administrative Data Research Facility -- Linked HMDA and ACS Database"  
**John Killeen**, Executive Director, DataWorks NC, "Fostering Trust for Community Benefit: Infrastructure for Privacy-Assured Computation (ImPACT)"  
**Eddie Tzu-Yun Lin**, Data Scientist, Center for Data Science and Public Policy at University of Chicago, "Better Together: Three Models for Combining Public and Private Data to Create New Research Data Sets"

#### 2 Private Sector Data (Salon G)

Academic researchers are increasingly turning to the private sector for sources of high-value data. Speakers will discuss why and how companies share data for academic research, strategies for mitigating risks and building trust, and recommendations for encouraging company-academic data sharing. The session also marks the release of a Future of Privacy Forum report titled "Understanding Corporate Data Sharing Decisions: Practices, Challenges, and Opportunities for Sharing Data Between Businesses and Researchers" and funded by the Alfred P. Sloan Foundation. Copies of the report will be available at the conference.



## SCHEDULE OF SESSIONS & KEYNOTE (CONTINUED)

► **Moderators:** **Matthew Gee**, Senior Fellow, Center for Data Science and Public Policy at University of Chicago & **Jules Polonetsky**, CEO, Future of Privacy Forum

### ROUNDTABLE SPEAKERS

**Steffi Bryson**, Senior Public Policy Associate, Uber  
**Daniel L. Goroff**, Vice President and Program Director, Alfred P. Sloan Foundation  
**Leslie Harris**, Senior Fellow, Future of Privacy Forum  
**Kevin Morsony**, Senior Product and Privacy Counsel, LinkedIn

12:00 – 12:15

Break

12:15 – 12:45

Lunch (West Lobby)

12:45 – 1:45

### KEYNOTE: Data Ethics in a Big Data World (Salon G)

The era of Big Data carries tremendous potential for both social goods and social perils. This presentation outlines some of the high stakes, both promise and peril, at issue with Big Data.

► **Keynote Speaker:** **Maggie Little**, Director of the Kennedy Institute of Ethics, and Professor of Philosophy at Georgetown



**Maggie Little**  
 Director of the Kennedy Institute of Ethics, and Professor of Philosophy at Georgetown

Dr. Little is Director of the Kennedy Institute of Ethics, and Professor of Philosophy at Georgetown. Her research interests include issues in reproduction, clinical research ethics, and the structure of moral theory.

A Rhodes Scholar and fellow of the Hastings Center, she has twice served as Visiting Scholar in residence at the National Institutes of Health Department of Bioethics, and was appointed to the Ethics Committee of the American College of Obstetrics and Gynecology. She is a founding member of The Ob-Gyn Risk Research Group, which brings together experts from medical epidemiology, obstetrics and gynecology, philosophy, bioethics, gender theory, and the medical humanities, for research encompassing a wide variety of issues in reproductive health and clinical research ethics. Together with Ruth Faden and Anne Lyerly, she co-founded The Second Wave Initiative, which works to promote responsible research into the health needs of pregnant women.

As director, Dr. Little has overseen a time of transformative development at the KIE, including the launch of the world's first Introduction to Bioethics MOOC in April 2014; the inauguration of Conversations in Bioethics, an annual campus-wide event focused on a critical issue in bioethics; the deployment of a series of experimental undergraduate courses utilizing project-based learning and design studio methods; and the founding of EthicsLab, a social innovation lab at Georgetown whose team-based approach unites people on the front lines of complex moral issues with expert bioethicists and strategic designers make tangible progress on real-world bioethics problems. Dr. Little is also currently teaching issues in Data Ethics.

1:45 – 2:00

Break

2:00 – 3:15

### Two Concurrent Panels on Expanding Administrative Data Access

#### 1 Machine Learning Applications (Salon G)

Large volumes of administrative data are enabling researchers in both private and public sectors to apply machine learning techniques in making data-driven decisions. Presenters in this panel will illustrate how they are leveraging administrative data and machine learning to address social issues of health, crime, and homelessness.

► **Moderator:** **Ken Steif**, Director of Masters of Urban Spatial Analytics, University of Pennsylvania

#### PRESENTERS

**Jeremy Heffner**, Senior Data Scientist, Azavea, “Managing Police Patrols with HunchLab: Humility in ML-based Systems”  
**Robert Collinson**, PhD Candidate in Public Policy, New York University, “Predicting Family Homelessness Using Machine Learning”  
**Kush Varshney**, Research Staff Member and Manager, IBM Research AI, “Machine Learning from Health Insurance Administrative Data: Opioids, Obamacare, and Other Applications”

#### 2 Research and Methods using Aggregate-Level Data (Salon B)

This panel will illustrate different approaches for rethinking the premise of relying individual-level administrative data for valuable policy research. What kind of policy-relevant analysis can be done without individual-level administrative data? What are the statistical methods that can be applied to aggregate-level data?

► **Moderator:** **Fred Wulczyn**, Senior Research Fellow at Chapin Hall, University of Chicago

#### PRESENTERS

**Laura Simmons**, Director of Community Indicators, UNC Charlotte Urban Institute, “Democratizing data with the Charlotte-Mecklenburg Quality of Life Explorer”  
**John Halloran**, Doctoral Candidate, University of Chicago, “Administrative Data in Foster Care: An Aggregate Approach”  
**Fred Wulczyn**, Senior Research Fellow at Chapin Hall, University of Chicago, “The Black / White Placement Gap”

Break

3:15 – 3:30

3:30 – 4:45

### Concluding Plenary: Roundtable Discussion with Administrative Data Networks (Salon G)

Building on the report of the Evidence-Based Policymaking Commission, this session will examine how non-federal networks and intermediary organizations can facilitate development of a national data infrastructure to 1) improve access to data, while protecting privacy, including government, proprietary, and other private data, 2) answer research questions that are important to government, the private sector, and the public, and 3) produce reproducible, reliable, and where possible, reusable results.

► **Moderator:** **Kathy Stack**, Vice President of Results-Driven Government, Laura and John Arnold Foundation

**J. Trent Alexander**, Associate Director, ICPSR  
**Dennis Culhane**, Professor and Co-PI, Actionable Intelligence for Social Policy, University of Pennsylvania  
**Jonathan Morgan**, Senior Research Scientist, NYU CUSP

Concluding Remarks

4:50 – 5:00

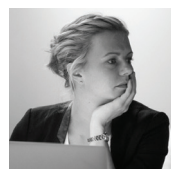
# Presenter Biographies



**J. Trent Alexander**  
Associate Director,  
ICPSR

Trent Alexander is the Associate Director of the Inter-university

Consortium for Political and Social Research (ICPSR), at the University of Michigan. Prior to joining ICPSR in 2017, Trent was at the U.S. Census Bureau, where he was Assistant Center Chief in the Center for Administrative Records Research and Applications (CARRA). ICPSR maintains the world's largest archive of social science data, including hundreds of administrative records datasets. ICPSR provides leadership and training in data access, curation, and analysis for the social science research community. As part of the Sloan Foundation's recent initiatives, ICPSR is developing a system of researcher credentialing to increase the willingness of data owners to provide access to confidential and restricted files.



**Steffi Bryson**  
Senior Public Policy  
Associate, Uber

Steffi works on data privacy, security, and consumer protection

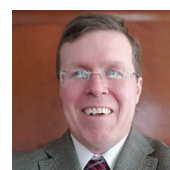
as part of Uber's global public policy research team, based in San Francisco. In that role, she is actively working to find new and innovative ways to strike the balance between data sharing and protecting both privacy and competitive intelligence. Before Uber, Steffi worked on Google's global public policy team, where she covered consumer privacy and strategy. She is passionate about shaping how both government and the private sector handle privacy in the information age. Steffi's interest in data privacy began with the politics of and different conceptions of privacy in the transatlantic relationship. She wrote her master's thesis on the conditions under which transatlantic data protection agreements fail or endure. Steffi has a B.A. in International Studies and German and European Studies from

California State University Long Beach, and an MPhil in International Relations from Oxford University, where she studied as a Rhodes Scholar.



**E. Ann Carson**  
Acting Chief,  
Corrections Unit,  
Bureau of Justice  
Statistics

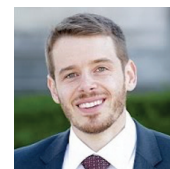
Ann Carson has been a statistician at the U.S. Department of Justice's Bureau of Justice Statistics (BJS) since 2011 and is currently the acting chief of the Corrections Unit. She is the program manager of the National Prisoners Statistics program, the National Corrections Reporting Program, and the BJS Analytical Resource Center, and is working on expanding BJS' use of administrative data through a collaboration with the U.S. Census Bureau's Center for Administrative Records Research and Applications. Prior to coming to BJS, Ann worked as the contract program manager for the U.S. Department of Veterans Affairs OEF/OIF Epidemiological and Health Surveillance System. She obtained her Ph.D. in biological anthropology from the University of New Mexico in 2006, and was a postdoctoral research associate in a quantitative genetics laboratory in the Department of Anatomy and Neurobiology, Washington University in St. Louis School of Medicine. She was awarded a Fulbright Fellowship in 2003 to collect her dissertation data on human crania in Hallstatt, Austria, and served as a forensic anthropology consultant to the Office of the Medical Investigator for the State of New Mexico.



**Chris Chapman**  
Associate  
Commissioner for  
Sample Surveys,  
NCES

Chris Chapman is the Associate Commissioner for the Sample Surveys Division (SSD) of the National Center for Education

Statistics (NCES). A component of the U.S. Department of Education's Institute of Education Sciences (IES), NCES is the primary federal entity for collecting and analyzing data related to education in the U.S. and other nations. NCES fulfills a Congressional mandate to collect, collate, analyze, and report complete statistics on the condition of American education; conduct and publish reports; and review and report on education activities internationally. Studies in SSD cover a comprehensive set of education topics ranging from the cognitive development of preschool children to the labor market experiences of college graduates. Mr. Chapman has worked at NCES for 20 years, starting as a technical advisor to NCES' household surveys. Prior to coming to NCES, Mr. Chapman was a project director at the American Institutes for Research (AIR) as part of the Education Statistical Services Institute (ESSI), and The Ohio State University's survey research laboratory.



**Robert Collinson**  
PhD Candidate in  
Public Policy, New  
York University

Rob is a PhD Candidate at NYU

Wagner and doctoral fellow at the NYU Furman Center. His research interests span public and labor economics, but his work focuses on the design of low-income housing program, the causes and consequences of housing instability, and the role of neighborhood effects. Prior to pursuing his PhD, Rob served in the Office of the Deputy Assistance Secretary for Policy Development at the U.S. Department of Housing and Urban Development. Rob has a Master's degree from the University of Chicago, and a bachelor's degree from the College of Wooster.



**Dennis Culhane**  
Professor and Co-  
PI of Actionable  
Intelligence for Social  
Policy, University of  
Pennsylvania

Dennis Culhane is the Dana and Andrew Stone Professor of Social Policy at the School of Social Policy and Practice at The University of Pennsylvania, a Senior Research Associate at the Center for Population Studies, and the Director of Research for the National Center on Homelessness among Veterans at the United States Department of Veterans Affairs. Culhane's primary expertise in the field of homelessness. He co-directs the Actionable Intelligence for Social Policy initiative, a MacArthur-funded project to promote the development of integrated data systems by state and local governments for policy analysis and systems reform. His homelessness work has positioned him as an early innovator in the use of administrative data for research and policy analysis, particularly for populations and program impacts which are difficult to assess and track.

**John L. Eltinge**  
Assistant Director  
for Research and Methodology,  
Census Bureau

Dr. John L. Eltinge has been the Assistant Director for Research and Methodology since December, 2016. He previously served at the Bureau of Labor Statistics as the Associate Commissioner for Survey Methods Research (2004-2016) and as a Senior Mathematical Statistician (1999-2004); and as an associate professor with tenure in the Department of Statistics at Texas A&M University, where he supervised numerous doctoral and masters' students. He is the current chair of the Federal Committee on Statistical Methodology; a fellow of the American Statistical Association; an associate editor for the Journal of Official Statistics and for the Survey Methodology Journal; the

co-chair of the advisory board for Journal of Survey Statistics and Methodology; and a member of the Committee on Fellows of the American Statistical Association. He previously served as the President of the Washington Statistical Society; the overall program chair for the 2003 Joint Statistical Meetings; and an associate editor for the Journal of the American Statistical Association and for The American Statistician. He is the recipient of a Founders Award from the American Statistical Association and of the Roger Herriot Award for Innovation in Federal Statistics.



**Matt Gee**  
Senior Fellow, Center  
for Data Science  
and Public Policy,  
University of Chicago

Matt Gee is a Senior Fellow at the University of Chicago's Center for Data Science and Public Policy, is the co-founder of both Data Science for Social Good Fellowship and the Impact Lab. He also holds research affiliations at the Urban Center for Computation and Data, and the Center for Opportunity Engineering and Analysis. His research and applied work focuses on combining the social sciences with computer science and machine learning to better enable adaptive and effective social policy and programs. His work on automated evaluation, measurement, and verification has enabled outcomes-based policy reforms in areas as diverse as energy and resource management, sustainable development and urban system modeling, education and workforce development, and homelessness prevention. He is principal investigator on the Workforce Data Initiative, establishing public-private data trusts around labor market data aimed at lowering data access transaction costs for researchers, and expanding public transparency around labor market outcomes to help drive economic growth.



**Daniel L. Goroff**  
Vice President and  
Program Director,  
Alfred P. Sloan  
Foundation

Daniel L. Goroff is Vice President and Program Director at the Alfred P. Sloan Foundation, a private philanthropy that supports breakthroughs in science, technology, and economics. His interests include behavioral economics, government regulation, reproducible research, mathematical knowledge management, as well as the economics of science and higher education. Goroff is Professor Emeritus of Mathematics and Economics at Harvey Mudd College, where he served as Vice President for Academic Affairs and Dean of the Faculty. Before that, he was a faculty member at Harvard University for over twenty years. He earned his B.A.-M.A. degree at Harvard, an M.Phil. in Economics at Cambridge, and a Ph.D. in Mathematics at Princeton. Daniel Goroff has twice worked for the President's Science Advisor in the White House Office of Science and Technology Policy, most recently as Assistant Director for Social, Behavioral, and Economic Sciences.



**John Halloran**  
Doctoral Candidate,  
University of Chicago

John Halloran is a doctoral candidate at the University of Chicago School of Social Service Administration where he studies the intersection of law and social work in Child Welfare Courts. His dissertation focuses uses aggregated administrative data from both child welfare agencies and court systems. He currently holds an appointment as an Assistant Professor of Social Work at Lewis University.



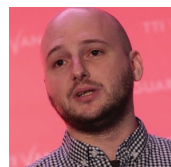
# Presenter Biographies



**Leslie Harris**  
Senior Fellow, Future of Privacy Forum

Leslie Harris is a Senior Fellow at the Future of Privacy

Forum as well as the Principal of the Harris Strategy Group, a strategic services and public policy firm focused on the intersection of technology and rights. She is a globally recognized expert on Internet and technology law and public policy and its intersection with human rights and civil liberties, and has played a key role in building a policy architecture for the Internet that supports free expression, innovation and openness. From 2005 to 2014, Harris served as President /CEO of the Center for Democracy & Technology, a globally respected Internet freedom organization working to keep the Internet open, innovative and free. She is currently an Adjunct Professor in the Communications, Culture and Technology Masters Degree Program at Georgetown University. Ms. Harris received her law degree cum laude from the Georgetown University Law Center and her BA at the University of North Carolina at Chapel Hill, where she graduated Phi Beta Kappa.



**Jeremy Heffner**  
Senior Data Scientist, Azavea

Jeremy Heffner is the Senior Data Scientist and

Product Manager for HunchLab at Azavea, a geospatial software development firm based in Philadelphia. In addition to leading the development of the firm's HunchLab crime forecasting product, he also heads up external research collaborations. His projects include: independently building a long-term crime forecasting system which placed in the National Institute of Justice's Crime Forecasting Challenge, designing the statistical methodology used by Rutgers University's Risk Terrain

Modeling Diagnostics Utility, collaborating with Temple University on an NIJ-funded open-source predictive policing project for both long-term and short-term crime forecasting, and implementing a randomized controlled trial tool for burglary near repeat areas with The Police Foundation. Jeremy studied mathematics and computer science at the Schreyer Honors College at Pennsylvania State University.



**John Killeen**  
Executive Director, DataWorks NC

John Killeen is the Executive Director of DataWorks NC, a

non-profit data intermediary based in Durham, North Carolina. In that role he facilitates the transaction of quantitative data and community knowledge to move local efforts toward productive and equitable outcomes. Since 2012 John has managed the Durham Neighborhood Compass for the City of Durham, a community indicators tool for measuring access to core services and needs, economic activity, and neighborhood change throughout Durham County. His previous work includes researching demographic and economic dynamics for the NC Rural Economic Development Center. He received a master's degree in city and regional planning (MCRP) from the University of North Carolina at Chapel Hill and is a member of the American Institute of Certified Planners (AICP).



**Lisa Mirel**  
Chief of the Special Projects Branch (SPB), Office of Analysis and Epidemiology at the Centers for Disease Control and Prevention, National Center for Health Statistics

Lisa Mirel is the Chief of the Special Projects Branch (SPB) in the Office of Analysis and Epidemiology at

the Centers for Disease Control and Prevention's (CDC) National Center for Health Statistics (NCHS). In her current role Ms. Mirel coordinates and oversees NCHS' data linkage activities and technical assistance to users of linked data files. Ms. Mirel has also held positions as a Statistician at the Centers for Medicare and Medicaid Services, the Agency for Healthcare Research and Quality, the Government Accountability Office, the Division of Health and Nutrition Examination Surveys at NCHS, and in the Division of Parasitic Diseases at CDC. Her work has primarily focused on linking surveys and administrative records, sample design and estimation. She received her Master's of Science degree in Biostatistics from the University of Michigan.



**Jonathan Morgan**  
Senior Research Scientist, NYU CUSP

In his position as Senior Research Scientist, Jonathan

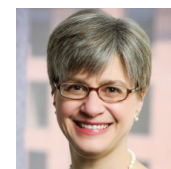
works with the CUSP Data Facility team and their collaborators on the Census Bureau Prototype Data Facility project to design and implement secure, reliable and scalable software services that support distributed research collaboration.

Jonathan has a Master of Arts in Journalism from New York University and is in the process of completing his PhD in Media and Information Studies at Michigan State University (MSU) as a University Enrichment Fellow, MSU's most prestigious graduate fellowship. In addition to his vast technical experience and programming skills, Jonathan continues to teach on varied class topics including scalable computational science and journalism.



**Kevin Morsony**  
Senior Product and Privacy Counsel LinkedIn

Kevin Morsony is a senior product and privacy counsel at LinkedIn. Currently, he works with product, data, and sales teams on legal and regulatory questions related to internal and external use of data from LinkedIn's 500 million members. In this role, he helps LinkedIn's Economic Graph team partner with universities, governments, and NGOs to deliver on LinkedIn's mission to create economic opportunity for every member of the global workforce. Prior to LinkedIn, Kevin worked as a technology transactions associate at Wilson, Sonsini, Goodrich & Rosati in Palo Alto. He attended law school at the University of Texas at Austin. Before law school, Kevin worked as a legal assistant for Google's product counsel team.



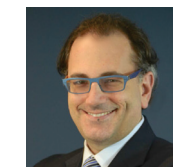
**Kathy Pettit**  
Senior Research Associate, Urban Institute

Kathryn Pettit is a senior research

associate in the Metropolitan Housing and Communities Policy Center at the Urban Institute, where her research focuses on measuring and understanding neighborhood change. Pettit is a recognized expert on several small-area local and national data sources and on the use of neighborhood data in research, policymaking, and program development. She has conducted research on many topics, including neighborhood redevelopment, federally assisted housing, and local housing markets and conditions.

Pettit directs the National Neighborhood Indicators Partnership, a network of three dozen local organizations that collect, organize, and use neighborhood data to inform local

advocacy and decision making. She frequently presents the model and accomplishments of the network and local partners. She has produced two books on the role of data in community change: *Strengthening Communities for Neighborhood Data* and *What Counts: Harnessing Data for America's Communities*. Her current projects include cross-site project that combines civic data and civic technology to help low-income households and a five-city project exploring how to measure neighborhood change to promote inclusive development. Before assuming her current position, Pettit worked in Urban's Center on Nonprofits and Philanthropy, where she analyzed Internal Revenue Service data on nonprofit organizations. Pettit earned her bachelor's degree in international affairs and humanities and her master's degree in public policy from Georgetown University.



**Jules Polonetsky**  
CEO, Future of Privacy Forum

Jules serves as CEO of the Future of Privacy Forum,

a Washington, D.C.-based non-profit organization that serves as a catalyst for privacy leadership and scholarship, advancing principled data practices in support of emerging technologies. FPF is supported by the chief privacy officers of more than 130 leading companies, several foundations, as well as by an advisory board comprised of the country's leading academics and advocates. FPF's current projects focus on Big Data, Mobile, Location, Apps, the Internet of Things, Wearables, De-Identification, Connected Cars and Student Privacy.

Jules previous roles have included serving as Chief Privacy Officer at AOL and before that at DoubleClick, as Consumer Affairs Commissioner for New York City, as an elected New York State

Legislator and as a congressional staffer, and as an attorney.

Jules is a regular speaker at privacy and technology events and has testified or presented before Congressional committees and the Federal Trade Commission.



**Robert Shea**  
Principal, Grant Thornton LLP

Robert is a Principal at Grant Thornton

where he leads the Public Sector Strategy Practice. He leads strategic and performance management engagements for federal, state, and local government agencies. Robert was recently appointed to the Commission on Evidence-based Policymaking, which developed recommendations to improve access to and use of evidence in policymaking.

Before joining Grant Thornton, Robert was at the Office of Management and Budget as Associate Director for Administration and Government Performance. In addition to managing OMB's internal operations, Robert led the President's Performance Improvement Initiative, administered the Program Assessment Rating Tool, advised on government human capital policy and led interagency collaborations in the areas of food safety and implementation of the Federal Funding Accountability and Transparency Act.

Robert holds a Juris Doctorate from South Texas College of Law and a Bachelor of Arts in Government from Connecticut College, New London, Connecticut.

# Presenter Biographies



**Laura Simmons**  
Director of  
Community  
Indicators, UNC  
Charlotte Urban  
Institute

Laura serves as the Director of Community Indicators at the UNC Charlotte Urban Institute, where she works to help people find, interpret, and present data. She leads the Institute's indicator projects including the Charlotte-Mecklenburg Quality of Life Explorer, which provides a wealth of data on neighborhoods across Mecklenburg County, and the Charlotte Regional Indicators, a resource for a variety of data on the region's 14 counties. She also coordinates the Institute's mapping and spatial analysis efforts.

Laura holds a masters in geography from UNC Charlotte and a bachelor's in geography from Macalester College in St. Paul, MN.

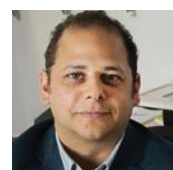


**Kathy Stack**  
Vice President of  
Results-Driven  
Government, Laura  
and John Arnold  
Foundation

Kathy joined the Laura and John Arnold Foundation after a distinguished career in the federal government, including 27 years at the White House Office of Management and Budget (OMB), where she served under five Presidents. Under the George W. Bush and Barack Obama administrations, Kathy helped federal agencies design innovative grant-making models that allocate funding based on evidence and evaluation.

While at OMB, she oversaw budget, policy, legislation, regulations, and management issues for the Departments of Education and Labor, the Social Security Administration, the Corporation for National and Community Service, and major human services programs. In addition, she devised strategies for sharing data—while preserving privacy protections—among federal agencies.

Since joining the Foundation in 2015, Kathy has focused on improving government's capacity to access and use data to improve decision making; building evidence about effective treatment for opioid use disorder; and strengthening public-private collaborations to improve social programs through greater use of data and evidence. Kathy is a graduate of Cornell University and is a Fellow of the National Academy of Public Administration.



**Ken Steif**  
Director of Masters  
of Urban Spatial  
Analytics, University  
of Pennsylvania

Ken Steif has been at the forefront of data driven public policy for more than a dozen years. He combines technical knowledge of Geographic Information Systems and applied statistics with an interest in housing policy, education, the economics of neighborhood change, transportation policy and more. Ken is the Director of the Master of Urban Spatial Analytics at the University of Pennsylvania and teaches multiple courses in the City Planning department at Penn. His work has focused on the costs and benefits of gentrification; on the Philadelphia school crisis and the connection between good schools and neighborhood economic development; and on the use of machine learning to help democratize the planning process.



**Eddie Tzu-Yun Lin**  
Data Scientist, Center  
for Data Science and  
Public Policy at  
University of Chicago

Eddie Lin is a data scientist at the Center for Data Science and Public Policy of University of Chicago. His works focus on data engineering and analysis with machine learning, NLP and visualization. He was a fellow of the Eric and Wendy Schmidt Data Science for Social Good

fellowship in 2016. Prior to joining the DSaPP team, he was a Data Analyst at a health care start-up company in Taiwan. He received his MS in Electrical Engineering and BS in Physics from National Taiwan University.



**Kush Varshney**  
Research Staff  
Member and Manager,  
IBM Research AI

Kush R. Varshney was born in Syracuse, NY in 1982. He received the B.S. degree (magna cum laude) in electrical and computer engineering with honors from Cornell University, Ithaca, NY, in 2004. He received the S.M. degree in 2006 and the Ph.D. degree in 2010, both in electrical engineering and computer science from the Massachusetts Institute of Technology (MIT), Cambridge.

He is a research staff member and manager in the Data Science Department at the IBM Thomas J. Watson Research Center, Yorktown Heights, NY where he co-directs the IBM Science for Social Good initiative. He is also a data ambassador with DataKind, New York, NY. He applies data science and predictive analytics to human capital management, healthcare, olfaction, public affairs, and international development. He conducts academic research on the theory and methods of statistical signal processing and machine learning. His work has been recognized through best paper awards at the Fusion 2009, SOLI 2013, KDD 2014, and SDM 2015 conferences.



**Fred Wulczyn**  
Senior Research  
Fellow at Chapin Hall,  
University of Chicago

Fred Wulczyn is a Senior Research Fellow at Chapin Hall, where he directs the Center for State Child Welfare Data. The Center works with public and private child welfare

systems to strengthen the use of research evidence thereby shaping investments in policy and practice. Dr. Wulczyn is the 2011 recipient of the James E. Flynn Prize for Research and has been recipient of the National Association of Public Child Welfare Administrators' (NAPCWA) Peter Forsythe Award for leadership in public child welfare. In 2014, he was elected to the American Academy of Social Work and Social Welfare. He is lead author of Beyond Common Sense: Child Welfare, Child Well-Being, and the Evidence for Policy Reform (Aldine, 2005) and coeditor of Child Protection: Using Research to Improve Policy and Practice (Brookings 2007). Dr. Wulczyn's principal areas of expertise focus on child welfare broadly defined, with an emphasis on child maltreatment and foster care.



**Jun Zhu**  
Senior Research  
Associate, Housing  
Finance Policy Center  
at Urban Institute

Jun Zhu is a senior research associate in the Housing Finance Policy Center at the Urban Institute. She designs and conducts quantitative studies of housing finance trends, challenges, and policy. Before joining Urban, Dr. Zhu worked as a senior economist in the Office of the Chief Economist at Freddie Mac, where she conducted research on the mortgage and housing markets, including default and prepayment modeling. She was also a consultant to the Treasury Department on housing and mortgage modification issues. Dr. Zhu received her PhD in real estate from the University of Wisconsin-Madison.

