

Challenges and New Approaches for Protecting Privacy in Federal Statistical Programs: A Workshop

Committee

Jerome P. Reiter

Chair

JEROME P. (JERRY) REITER is professor of statistical science at Duke University. Dr. Reiter participates in both applied and methodological research in statistics, and is most interested in applications involving social science and public policy. His methodological research focuses mainly on data confidentiality, missing data, and survey methodology. He is currently a member of CNSTAT and served on the CNSTAT Standing Committee for the American Opportunity Study-Phase 1; the CNSTAT Panel on Addressing Priority Technical Issues for the Next Decade of the American Community Survey--First Phase; the TRB Committee on the Long-Term Stewardship of Safety Data from the Second Strategic Highway Research Program; the CNSTAT-CPOP Panel on Collecting, Storing, Accessing, and Protecting Biological Specimens and Biodata in Social Surveys; and the Panel on the Census Bureau's Reengineered Survey of Income and Program Participation (SIPP). Dr. Reiter is a fellow of the American Statistical Association, an elected member of the International Statistical Institute, and deputy director of the Information Initiative at Duke, an institute dedicated to research and applications in the analysis of complex data. He has a B.S. degree in mathematics from Duke University, and an A.M. and Ph.D. in statistics from Harvard University.

Michael Hawes

Member

MICHAEL HAWES is senior advisor for Data Access and Privacy at the U.S. Census Bureau. He is also currently the chair of the Federal Committee on Statistical Methodology's Confidentiality and Data Access Committee (CDAC). Prior to joining the Census Bureau, Michael served as the director of Student Privacy at the U.S. Department of Education, where he was the senior policy official responsible for administering and enforcing federal student privacy laws. He is a certified Project Management Professional (PMP), and a Certified Information Privacy Professional/Government (CIPP/G). He has a B.A., summa cum laude, in political science and history from Duke University, and an M.A. in international relations from the University of Chicago.

Daniel Kifer

Member

DANIEL KIFER is associate professor in the Department of Computer Science & Engineering and a member of the graduate faculty in the Social Data Analytics Department at The Pennsylvania State University. Dr. Kifer's research interests include statistical privacy, machine learning, computational social science, and deep learning. He has won an influential paper award at the 2017 IEEE International Conference on Data Engineering and has developed some of the disclosure avoidance techniques used by the U.S. Census Bureau. His research has been supported by NSF, Google, Xerox, NVIDIA, Adobe, and Yahoo. Dr. Kifer has a B.A. degree from New York University, and a Ph.D. in computer science from Cornell University.

Aleksandra Korolova

Member

ALEKSANDRA KOROLOVA is the WISE Gabilan assistant professor of computer science at the University of Southern California. Her research aims to develop and deploy algorithms and technologies that enable data-driven innovations while preserving privacy. Previously, Dr. Korolova was a research scientist at Google, and co-developer of RAPPOR: Randomized Aggregatable Privacy-Preserving Ordinal Response, a technology for crowdsourcing statistics from end-user client software, anonymously, with strong privacy guarantees. That work was a runner up for the 2015 Privacy Enhancing Technologies (PET) award. She was also a co-winner of the 2011 PET award for exposing privacy violations of microtargeted advertising. Dr. Korolova has a Ph.D. in computer science from Stanford University.

Alexandra Wood

Member

ALEXANDRA WOOD is a fellow at the Berkman Klein Center for Internet and Society at Harvard University and a senior researcher collaborating with the Harvard Privacy Tools Project. Her research involves exploring legal and regulatory frameworks for privacy and data protection in light of recent advances from fields such as computer science, social science, and law. She also contributes to the development of legal instruments to facilitate the sharing and use of research data while preserving privacy, transparency, and accountability. Previously, Ms. Wood served as a legal fellow assisting with the technology, telecommunications, and intellectual property portfolio of U.S. Senator Barbara Boxer. As a law student, she worked with the Center for Democracy & Technology and the Electronic Privacy Information Center on privacy projects addressing emerging electronic surveillance, facial recognition, and mobile payments technologies. She holds a J.D. from George Washington University Law School, an M.P.P. from the University of Southern California, and a B.A. degree in economics from Reed College.