NATIONAL ACADEMIES

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Presenter Biosketches

Day 3: Thursday, May 25, 2023

Kevin M. Scott is the principal deputy director of the Bureau of Justice Statistics (BJS). In this role, he oversees BJS's statistical collections and is a member of BJS's leadership team. Dr. Scott has served as deputy director of statistical operations at BJS, chief of the Law Enforcement Statistics Unit, and chief of the Judicial Statistics Unit, where he supervised data collections that covered federal, state, and local law enforcement agencies and training academies, forensic laboratories, and medical examiners and coroners' offices. He was also responsible for the Federal Justice Statistics Program and BJS's prosecution, indigent defense, and judicial statistics data collections. Before joining BJS, Dr. Scott served as an analyst for the Congressional Research Service, as an analyst for the Administrative Office of the U.S. Courts, and as director of the Policy Analysis Unit in the Department of Justice's Office of Legal Policy. He has a Ph.D. in political science from The Ohio State University.

Lauren Beatty is a statistician with the Corrections Statistics Unit of the Bureau of Justice Statistics (BJS). Her work and statistical products have focused primarily on institutional and community corrections as well as special topics in corrections, such as incarcerated parents, firearm use and sources, and mental health. Ms. Beatty has managed a variety of BJS projects including more recently redesigning and fielding BJS's national omnibus survey of prisoners, the Survey of Prison Inmates (SPI), and serving as the BJS lead on SPI data linkage activities and the results stemming from those efforts. She received her M.S. in survey methodology from the University of Maryland, College Park.

Michael Mueller-Smith is assistant professor in the Department of Economics at the University of Michigan and faculty associate in the Population Studies Center. His research focuses on measuring the scope and prevalence of the criminal justice system in the United States as well as its broadly defined impact on the population. Professor Mueller-Smith's research has been published in leading journals, including the *Quarterly Journal of Economics*, the *Review of Economic Studies*, the *Review of Economics and Statistics*, and the J*ournal of Policy Analysis and Management*. He is co-founder and director of the Criminal Justice Administrative Records System (CJARS). Professor Mueller-Smith has a Ph.D. in economics from Columbia University, and he completed a NICHD post-doctoral fellowship at Michigan's Population Studies Center.

Julie Waters serves as a senior technical advisor for data and analytics at the Federal Emergency Management Agency (FEMA), where she oversees FEMA's efforts to modernize its enterprise data and analytics capabilities through investments in people, processes, and technology. Dr. Waters has served for over a decade within the Department of Homeland Security in leadership roles advancing the use of data and analysis to inform decision-making, including all-hazards risk analysis, biosurveillance, and emergency management. She has a Ph.D. in mechanical engineering from Brown University.

Edward J. Kearns is the chief data officer at the First Street Foundation, where he communicates environmental risks through data. Prior to this, Dr. Kearns served as the interim chief data officer at the U.S. Department of Commerce, where he led governance of the department's data assets, promoted effective data management, and led the implementation of the Federal Data Strategy and the Foundations of Evidence Based Policymaking Act. He has also led the climate data record program at NOAA, where he oversaw their data archive; guided coastal ecosystem restoration projects for the National Park Service; evaluated environmental "big data" to inform Everglades restoration; and vicariously calibrated ocean products from NASA's satellites and developed regional integrated ocean observing and data management systems as a professor at the University of Miami. Dr. Kearns has a Ph.D. in physical oceanography from the University of Rhode Island.

Kobbi Nissim is professor of computer science in the Department of Computer Science at Georgetown University and an affiliate professor at Georgetown Law. Prior to joining Georgetown, Dr. Nissim held a position in the Department of Computer Science at Ben-Gurion University. From 2012 to 2017, he worked at the Center for Research in Computation and Society at Harvard University. His research interests include establishing rigorous practices for privacy in computation; identifying problems that result from the collection, sharing, and processing of information; formalizing these problems and studying them toward creating solid practices and technological solutions. Dr. Nissim introduced differential privacy with Dwork, McSherry, and Smith—a formal mathematical framework of privacy. For this contribution they received the Gödel Prize in 2017 and the Paris Kanellakis award in 2021.

Michael Hawes is senior survey statistician for scientific communication at the U.S. Census Bureau. He is responsible for outreach and engagement with the Census Bureau's data users on issues relating to the impact of privacy protection methodologies on the accessibility and usability of census data. Prior to joining the Census Bureau, Mr. Hawes served as director of student privacy at the U.S. Department of Education, the department's senior policy official responsible for the administration and enforcement of federal laws governing the privacy and confidentiality of education records. He is a member of the Federal Committee on Statistical Methodology and chair of its Confidentiality and Data Access Committee. Mr. Hawes has a B.A. degree in political science and history from Duke University, and an M.A. degree in international relations from the University of Chicago. He is a member of the American Statistical Association, a Certified Information Privacy Professional/Government by the International Association of Privacy Professionals, and a Certified Project Management Professional by the Project Management Institute.