

### *Presenter Biographical Sketches*

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**Kenneth Frank** received his Ph.D. in measurement, evaluation and statistical analysis from the School of Education at the University of Chicago in 1993. He is currently a professor in Counseling, Educational Psychology and Special Education as well as in Fisheries and Wildlife and adjunct in Sociology at Michigan State University. His substantive interests include the study of schools as social organizations and the social embeddedness of natural resource use. His substantive areas are linked to several methodological interests: social network analysis, causal inference and multi-level models. His publications include quantitative methods for representing relations among actors in a social network, robustness indices for inferences, and the effects of social capital in schools and other social contexts. He teaches general introductory courses in research methods and quantitative methods as well as advanced courses in multivariate analysis and seminars in social network analysis and causal inference. Ken's current projects include a study of the effects of the Michigan Merit Curriculum on educational outcomes and how knowledge about climate change diffuses to policy-makers and educators.

**Stephen Mastrofski** is University Professor in the Department of Criminology, Law and Society and Director of the Center for Justice Leadership and Management at George Mason University. His research interests include police discretion, police organizations and their reform, and systematic field observation methods in criminology. He has published extensively on the application of systematic observation methods to street-level police work. He is currently engaged in research projects on measuring the quality of street-level policing, assessing the role of first-line police supervisors, and measuring police organization development and change. He is a co-principal investigator on the NIJ-funded National Police Research Platform project. In 2000 he received the O.W. Wilson Award from the Academy of Criminal Justice Sciences for education, research, and service on policing. He served on the National Academy of Sciences panel on Fairness and Effectiveness in Policing: The Evidence. In 2008 he and his coauthors received the Law and Society Association's article prize for their article using different organizational theories to explain Compstat's implementation as a police reform. In 2010 he was elected a Fellow of the American Society of Criminology.

**Robert Saunders** is a program officer in the Roundtable on Value and Science-Driven Health Care at the Institute of Medicine of the National Academies, fielding issues related to value and costs of health care. Rob received a B.S. in Physics from the College of William and Mary in 2000 and a Ph.D. in physics from Duke University in 2006. His graduate research focused on quality measures of medical imaging systems, specifically evaluating breast imaging systems for their performance in breast cancer detection. After his graduate work, he continued his research as a postdoctoral fellow in the Duke University Medical Center Department of Radiology. In 2008, he was selected as the Guenther Congressional Science Fellow, where he served in the office of Rep. Rush Holt (New Jersey). At the completion of his fellowship, he was hired as a legislative assistant for Rep. Holt, handling health reform, Medicare and Medicaid, small business, the Congressional Biomedical Research Caucus, and budget policy areas. In addition to these activities, he has served on the Duke University Board of Trustees and is a current member of the William and Mary Graduate Studies Advisory Board.