The Scope, Components, and Key Characteristics of a 21st Century Data Infrastructure

Committee

Robert M. Groves

Chair

Robert M. Groves (NAS/NAM) is executive vice president and provost of Georgetown University, where he is also the Gerard J. Campbell professor in the Department of Mathematics and Statistics and a professor in the Department of Sociology. Prior to joining Georgetown as provost, he served as director of the U.S. Census Bureau (2009-2012) after being appointed by President Barack Obama. Previously, he was director of the University of Michigan Survey Research Center and research professor at the Joint Program in Survey Methodology at the University of Maryland. He also served as associate director for research and methodology of the U.S. Census Bureau (1990-1992). His research focuses on the effects of the 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 how public concerns about privacy affect attitudes toward statistical agencies. He is an elected member of the National Academy of Sciences (NAS) and the National Academy of Medicine (NAM). He has been chair of the Academies' Committee on National Statistics since 2017; served as a member of CNSTAT (2000-2006); as a member of DBASSE (2014-2016); and on numerous Academies boards, panels, and committees, including chair of the Panel on Improving Federal Statistics for Policy and Social Science Research Using Multiple Data Sources and State-of-the-Art Estimation Methods. He is an elected fellow of the American Statistical Association and an elected member of the International Statistical Institute and the American Academy of Arts and Sciences. He has an A.B. in sociology from Dartmouth College and an M.A. and Ph.D. in sociology from the University of Michigan.

danah boyd

Member

danah boyd is a partner researcher at Microsoft Research, the founder of the research institute, Data & Society, and a visiting professor at New York University's Interactive Telecommunications Program.
Her research blends science and technology studies, sociology, and computer science to examine how society shapes and is shaped by sociotechnical systems, with an eye towards how inequity and societal values manifest in algorithmic and data-oriented systems. She is the author of It’s Complicated: The Social Lives of Networked Teens and Participatory Culture in a Networked Era. She is the chairperson of the board of Crisis Text Line, a director of Crisis Text Line, and a member of the Council on Foreign Relations. She has received numerous awards, including the Electronic Frontier Foundation’s Pioneer/Barlow Award, the American Sociological Association’s Communication and Information Technology Public Sociology Award, MIT Tech Review’s TR35, and a Young Global Leader of the World Economic Forum. She holds a B.S. in computer science from Brown University, an M.A. in media arts from the MIT Media Lab, and a Ph.D. from the School of Information, University of California, Berkeley.

Anne Case

Member

Anne C. Case (NAS/NAM) is the Alexander Stewart 1886 professor of economics and public affairs emeritus at the Woodrow Wilson School of Public and International Affairs and the Economics Department at Princeton University. She is also the director of the Research Program in Development Studies at Princeton. Her current research examines the relationship between economic status and health status over the lifecourse in developed and developing countries. Her research on midlife morbidity and mortality is summarized in her book Deaths of Despair and the Future of Capitalism (Princeton University Press 2020). She is a current member of the Academies’ Committee on National Statistics and previously served on the Committee on Population (CPOP) in the Division of Behavioral and Social Sciences and Education from 2005 to 2008. She served on the NIH National Research Advisory Council, Child Health and Human Development (2014-18) and the President’s Committee on the National Medal of Science (2017-19). She is an elected member of the American Philosophical Society, the American Academy of Arts and Sciences, and the National Academy of Sciences and the National Academy of Medicine. She has a B.S. from the State University of New York, Albany, an M.P.A. from Princeton University, and a Ph.D. in economics from Princeton University.

Janet Currie

Member

Janet M. Currie (NAM/NAS) is the Henry Putnam professor of economics and public affairs at
Princeton University and director of Princeton's Center for Health and Well Being. Her research focuses on the impact of government policies and poverty on the health and well-being of children over their life cycle. She has written about early intervention programs and expansions of the Medicaid program, public housing, and food and nutrition programs. Her current research focuses on socioeconomic differences in child health and environmental threats to children's health. She is a member of the National Academy of Medicine (NAM). She currently serves on the Academies' Committee on National Statistics and previously on the Board on Children, Youth and Families (2012-2014) and the Committee on Population (2001-2004). She has served on several Academies' ad hoc committees on the promotion of well- being of children and families. She is currently on the Board of Reviewing Editors of Science magazine and the editorial board of the Quarterly Journal of Economics. She has been elected to membership positions in numerous professional associations, including member of the American Academy of Arts and Sciences; member of the American Academy of Political and Social Sciences; and a fellow of the Econometric Society. She served as both president (2014-15) and vice president (2013-14) of the Society of Labor Economists, and served as vice president of the American Economic Association (2010). She has a B.A. and M.A. in economics from the University of Toronto and a Ph.D. in economics from Princeton University.

Erica Groshen

Member

Erica L. Groshen is senior labor economics advisor at Cornell University--ILR, research fellow at the Upjohn Institute for Employment Research and a member of the Federal Economic Statistics Advisory Council. From 2013 to 2017, she served as 14th Commissioner of the U.S. Bureau of Labor Statistics, the principal federal agency responsible for measuring labor market activity, working conditions, and inflation. Before that she was vice president in the Research and Statistics Group of the Federal Reserve Bank of New York. Her research centers on employers' roles in labor market outcomes. She co-edited "Improving Employment and Earnings in Twenty-First Century Labor Markets" (RSF: The Russell Sage Foundation Journal of the Social Science), co-authored "How New is the "New Employment Contract"?"(W.E. Upjohn Institute Press) and co-edited "Structural Changes in U.S. Labor Markets: Causes and Consequences" (M.E. Sharpe, Inc.). She is a member of the Academies' Committee on National Statistics. Groshen received the 2017 Susan C. Eaton Outstanding Scholar-Practitioner Award from the Labor and Employment Relations Association and was appointed a fellow of the American Statistical Association in 2020. She holds a B.S. in mathematics and economics from the University of Wisconsin-Madison and a Ph.D. in economics from Harvard University.

Margaret Levenstein

Member

Margaret C. Levenstein, an economist, is the director of the Inter-university Consortium for Political and Social Research (ICPSR) at the University of Michigan, research professor for both the Survey Research Center and the School of Information and adjunct professor of business economics and public policy at the Ross School of Business at the University of Michigan. Levenstein first joined ISR's Survey Research Center (SRC) in 2003 as executive director of the Michigan Census Research Data Center (MCRDC), a joint project with the U.S. Census Bureau. She has taken an active role at ISR, joining the director’s advisory committee on diversity in 2009, and serving as chair of ISR's diversity, equity, and inclusion strategic planning committee, and as the liaison to the larger university program. Levenstein’s research and teaching interests include industrial organization, competition policy, business history, data confidentiality protection, and the improvement of economic statistics. She is associate chair of the American Economic Association's Committee on the Status of Women in the Economics Profession and past president of the Business History Conference. Levenstein has a B.A. degree from Barnard College, Columbia University, and a Ph.D. in economics from Yale University.

Ted McCann

Member

Ted McCann is vice president for programs and policies at the American Idea Foundation where he engages third-party organizations in order to ensure that evidence is fully utilized in the federal policy-making process. He was previously on staff to the U.S. Congress as a senior advisor to the Speaker of the House, staff director of the House Ways and Means Social Security Subcommittee, and an analyst with the House Budget Committee. He negotiated and drove the passage of dozens of pieces of legislation, including passage of the ‘Evidence Act’, the first FCC reauthorization bill in over two decades, criminal justice reform, and improvements to Social Security’s finances. He developed strategy for the most extensive use of the Congressional Review Act in history and helped spearhead former Speaker Paul Ryan’s Better Way agenda and the Roadmap for America’s Future. In addition to studying at the Naval War College, he holds a B.A. in foreign affairs and economics from Miami University.

C. Matthew Snipp

Member

C. Matthew Snipp is Burnet C. and Milfred Finley Wohlford professor of sociology at Stanford University. At Stanford, he currently serves as director of the Secure Data Center, deputy director of the Institute for Research in the Social Sciences, and chair of the Native American Studies program. He has written extensively on American Indians, focusing specifically on the interaction of American Indians and the U.S. census. He is a member of the Academies' Committee on National Statistics. Previously, he served as a member of the Panel to Review the 2010 Census, the Panel on Residence Rules in the Decennial Census, the Panel on the Research on Future Census Methods, and as co-chair of the Steering Committee for a Workshop on Developing a New National Survey on Social Mobility. He has also served on the Census Bureau's Technical Advisory Committee on Racial and Ethnic Statistics and the Native American Population Advisory Committee. He is the former director of the Center for Comparative Studies of Race and Ethnicity. Prior to moving to Stanford, he was associate professor and professor of rural sociology at the University of Wisconsin–Madison, where he held affiliate appointments with several other units, and assistant and associate professor of sociology at the University of Maryland. He has a M.S. and Ph.D. in sociology from the University of Wisconsin, Madison.

Patricia Solis

Member

Patricia Solís is executive director of the Knowledge Exchange for Resilience and an associate research professor of geography in the School of Geographical Sciences and Urban Planning, both at Arizona State University. The Knowledge Exchange for Resilience is a campus-wide effort to link multi-sector community needs with research innovations in building community resilience. Her research focuses on applications of open geospatial technologies to address socially relevant challenges, from water resource conflict to climate change induced hazards to broadening participation in higher education. Solís is co-founder and director of YouthMappers, a consortium of student-led chapters on more than 208 university campuses in 48 countries who create and use open spatial data for humanitarian and development needs in collaboration with the United States Agency for International Development. Prior to joining ASU, she was co-director of the Center for Geospatial Technology at Texas Tech University and deputy director and director of research at the American Association of Geographers. In 2021, she was awarded Ronald F. Abler Distinguished Service Honors from the American Association of Geographers. Solís received a B.S. in physics, a B.A. in German, and an M.A. in geography from Kansas State University. She holds a Ph.D. in geography from the University of Iowa.