SOCN New Data Linkages Conference
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Thursday March 24

Session 1

Sandra Hofferth, Professor in the Department of Family Science at the University of Maryland, is a former Director of the Maryland Population Research Center (2008-2012) and a former co-Director of the Michigan Panel Study of Income Dynamics. She was Vice President of the Population Association of America in 2010. Her research interests are in American children's use of time and later health outcomes, work and family, fathers and fathering, and family policy. She has published on the effects of racial/ethnic disparities at the individual and neighborhood levels on father (and mother) involvement and child outcomes and published a series of papers on social capital. Dr. Hofferth has researched family issues in the context of public policy for over thirty years, publishing three books and more than 100 articles and book chapters. Besides her deep knowledge of large national databases, she has expertise in measurement, methods, and structural equation modeling. Her most recent book is the *Handbook of Measurement Issues in Family Research*. She is Principal Investigator on an NICHD-funded grant, the American Time Use Survey Data Extract System, which provides advanced extracting capabilities for seven years of time use data on individual time expenditures and on family time allocations to activities across a 24-hour period.

Cheryl Eavey is Program Director, Measurement, Methods and Statistics at the National Science Foundation, Directorate for Social, Behavioral & Economic Sciences, Division of Social and Economic Sciences. She is program director on the NSF Census Research network.

Emilio Moran is John A. Hannah Distinguished Professor at Michigan State University, associated with the Center for Global Change and Earth Observations, and the Department of Geography. Dr. Moran is the author of ten books, fourteen edited volumes and more than 150 journal articles and book chapters. His research has been supported by NSF, NIH, NOAA and NASA for the past two decades. His three latest books, *Environmental Social Science* (Wiley/Blackwell 2010), *People and Nature* (Blackwell 2006) and *Human Adaptability*, 3rd edition (Westview 2007) address broader issues of human interaction with the environment under conditions of change. His most recent book, *Meio Ambiente & Florestas* (Editora SENAC Sao Paulo 2010) addresses the value of forests in Brazil and the world. His book *Developing the Amazon* (Indiana U Press, 1981) was the first book-length study of the human and environmental impacts of the Transamazon Highway. He is a Fellow of the Linnean Society of London, Fellow of the American Anthropological Association and the Society for Applied Anthropology, Fellow of the American Association for the Advancement of Science, and was elected to the National Academy of Sciences in 2010.

Session 2

Sara Curran is an Associate Professor of International Studies and Public Affairs at the University of Washington. Dr. Curran researches internal migration in developing countries, globalization, family demography, environment and population, and gender. She is writing a book, *Shifting Boundaries, Transforming Lives: Globalization, Gender and Family Dynamics in Thailand*, which analyzes how migration and education transformed Thai society between 1984-2000. She serves on several national and international advisory committees and boards.

Elizabeth Fussell is an Associate Professor in the Department of Sociology at Brown University. Dr. Fussell's research lies at the intersection of migration, environment, and health. Her early research focused on the causes of international migration from Latin America to the United States, but Hurricane Katrina placed new research questions on her agenda. After witnessing the multiple migration streams generated by the disaster, she began studying the arrival and reception of Latin American immigrants in New Orleans as well as the causes and consequences of displacement of New Orleans's pre-disaster residents.

Klaus Hubacek is an ecological economist with a research focus on conceptualizing and modeling the interaction between human and environmental systems and developing and modeling scenarios of future change. Klaus has worked extensively with stakeholders in participatory research projects and led large interdisciplinary research teams. He has published more than 200 articles in journals, books and research reports on topics such as climate change adaptation and mitigation, participatory modeling, management of ecosystems services, land use change and governance. Klaus has conducted studies for a number of national agencies in Austria, China, Japan, UK, and U.S. and international institutions such as the European Statistical Office (EUROSTAT), the International Union for Conservation and Nature (IUCN), and the World Bank. Currently, he is on the advisory board for the City of Shanghai Climate Center in China and for the Sustainable Land Management Program of the German Federal Ministry of Education and Research; he serves on the editorial board of a number of scientific journals and is council member of the International Input-Output Association.

Chen Wang is a PhD student in Statistics at University of Maryland.
His work focuses on applying statistical model in different area. He
received his undergraduate degree from Tsinghua University.

William Rand is an Assistant Professor at the University of Maryland who examines the use of computational modeling techniques, like agent-based modeling, geographic information systems, social network analysis, and machine learning, to help understand and analyze complex systems, such as the diffusion of innovation, organizational learning, and economic markets. He serves as the Director of the Center for Complexity in Business, the first academic research center focused solely on the application of complex systems techniques to business applications and management science.

Henry Brady is Dean of the Goldman School of Public Policy and Class of 1941 Monroe Deutsch Professor of Political Science and Public Policy at the University of California, Berkeley. He has written on electoral politics and political participation, social welfare policy, political polling, and statistical methodology, and he has worked for the federal Office of Management and Budget and other organizations in Washington, D.C. He is past president of the American Political Science Association, past president of the Political Methodology Society of the American Political Science Association, and director of the University of California's Survey Research Center from 1998 to 2009. He was elected a Fellow of the American Academy of Arts & Sciences in 2003 and a Fellow of the American Association for the Advancement of Science in 2006.

Elyakim Kislev is an Assistant Professor at the Hebrew University, School of Public Policy and Government. Until May 2015, Elyakim was a Fulbright fellow and a doctoral candidate at Columbia University, New York. He holds three master's degrees, in sociology, public policy, and counseling. He is the co-editor and co-author of *Through Justice I Will See Your Face* and is now editing a new book of selected writings on vision and leadership. His research papers relate to public policy, immigration, minorities, and identity.

Andres Villarreal is a professor of Sociology at the University of Maryland. He was previously a faculty member at the University of Texas at Austin. His current research focuses on four broad areas: internal and international migration, race and ethnicity, crime and violence, and social inequality. All of his research is carried out within the context of Latin America, with a special focus on Mexico. His work has appeared in the American Sociological Review, the American Journal of Sociology, Demography, and Social Forces, among other peer-reviewed journals. Dr. Villarreal is currently heading the Migration Research Laboratory at the Maryland Population Research Center.

Lunch Session

Myron Gutmann is a historical demographer, with interests in the history of the environment, the economy, and health. He has published two books on the history of the early modern Low Countries, War and Rural Life in the Early Modern Low Countries (Princeton, 1980), and Towards the Modern Economy: Early Industry in Europe (McGraw-Hill, 1988), and now primarily studies the demographic and environmental history of the American west, especially through a long-running project entitled Population and Environment in the U.S. Great Plains. He has also published extensively on migration, race, ethnicity and family in the U.S., including "The Determinants of Early Fertility Decline in Texas," in Demography (1993), "Assimilation and Intermarriage for U.S. Immigrant Groups, 1880-1990," in History of the Family: An International Quarterly (2003), and "Emptying the Nest: Older Men in the U.S., 1880 to 2000," in Population and Development Review (2010). He is an elected Fellow of the American Association for the Advancement of Science, served as President of the Consortium of Social Science Associations (2005-2006), and co-edited the National Academy of Sciences report Putting People on the Map: Protecting Confidentiality with Linked Social-Spatial Data (2007).

Howard C. Nusbaum currently serves as Division Director of Behavioral and Cognitive Sciences at the National Science Foundation. He is professor at the University of Chicago, United States in the Department of Psychology and its College, and a steering committee member of the Neuroscience Institute. Nusbaum is an internationally recognized expert in cognitive psychology, speech science, and in the new field of social neuroscience. Nusbaum investigates the cognitive and neural mechanisms that mediate spoken language use, as well as language learning and the role of attention in speech perception. In addition, he investigates how we understand the meaning of music, and how cognitive and social-emotional processes interact in decision-making.

John Yellen serves as Program Director for Archaeology at the National Science Foundation and is a Research Associate at the Smithsonian Institution's National Museum of Natural History. He received a PhD in Anthropology at Harvard University and is the founder and President of the Paleoanthropology Society. For many years he administered the national grants competition for the Explorers Club. He conducted extended fieldwork in the Kalahari Desert studying !Kung Bushman hunter-gatherers from an archaeologist's perspective and has since excavated archaeological sites in The Democratic Republic of the Congo, Ethiopia and Kenya. His research focuses on the processes which led to the emergence of behaviorally modern humans.

Michael Spittel is a Health Science Administrator (HSA) at the Office of Behavioral and Social Science Research (OBSSR) at the National Institutes of Health (NIH). Dr. Spittel joined OBSSR in 2011 to help shape and direct new research initiatives that will advance population health science. This includes coordinating across the NIH on funding opportunity announcements (FOAs) and directing research consensus meetings. Previously, Dr. Spittel served as a Program Officer (PO) at the Demographic and Behavior Sciences Branch (DBSB) at the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD). In this capacity, Dr. Spittel managed and led a scientific portfolio of research grants, program projects, institutional training grants, SBIR/STTR projects, fellowships, contracts, and various career awards. He also served as the Program Scientist/Officer for the National Longitudinal Study of Adolescent to Adult Health (Add Health), Data Sharing for Demographic Research (DSDR), Community Child Health Network, and co-managed the DBSB pre and post-doc training program. Dr. Spittel has published various articles on population health and mortality and co-authored/co-edited several books and special issues on some of the current/latest health topics in the social & behavioral sciences.

Session 3

Catherine Eckel is Sara & John Lindsey Professor of Economics and Director of the Initiative on Behavioral Economics and Public Policy at Texas A&M University. Her research bridges economics, psychology and sociology, and uses experimental methods to investigate differences in the behavior of women and men, gender- and race-based discrimination, charitable giving, trust and reciprocity, and attitudes toward risk, among other topics. In 2012 she received the Carolyn Shaw Bell Award from the Committee on

the Status of Women of the American Economic Association for her efforts to advance women in economics. She is past president of the Southern Economic Association and North American Vice President of the Economic Science Association, and was co-editor of the *Journal of Economic Behavior and Organization* (2005-2012). She was Ashbel Smith Professor of Economics and Director of the Center for Behavioral and Experimental Economic Science at the University of Texas at Dallas (2005-2012), and Professor of Economics and director of the Lab for the Study of Human Thought and Action at Virginia Tech (1983-2005).

Michael Bader is an Assistant Professor in the Department of Sociology at American University who studies how cities and neighborhoods have evolved since the height of the Civil Rights Movement. He links long-term patterns of neighborhood racial change to the ways that race and class influence the housing search process. He has developed methodological tools that combine survey data with "big data" to study neighborhood environments.

Barbara Entwisle is Kenan Distinguished Professor of Sociology and Vice Chancellor for Research at the University of North Carolina at Chapel Hill. As vice chancellor, Dr. Entwisle leads a campus-wide research program that attracted $788 million in contract and grant funding in fiscal 2011. She oversees the research support, compliance, communication, and technology transfer offices as well as a portfolio of 16 pan-university interdisciplinary research centers and institutes, including the Carolina Population Center, which she directed from 2002 to 2010. As a faculty member, Dr. Entwisle is currently Principal Investigator of the North Carolina components of the National Children's Study, a longitudinal cohort study focusing on environment and children's health. She is also leading an interdisciplinary study of migration and population-environment interactions in Northeast Thailand. Dr. Entwisle was elected Fellow of the American Association for the Advancement of Science (AAAS) in 2003 and named Mary Lily Kenan Flagler Bingham Distinguished Professor in 2007. She is Chair of the Expert Group on Social Science Data Infrastructure for the Organization of Economic Cooperation and Development's (OECD's) Global Science Forum and is past President of the Population Association of America and a former editor of *Demography* (2012).

Christopher Browning is Professor of Sociology at Ohio State University. His research interests include the causes and consequences of community social organization; the neighborhood context of crime, risk behavior, and health; the long-term effects of maltreatment during childhood; and multilevel statistical models. His current projects apply the concepts of activity space and ecological networks to research on the mechanisms linking contextual exposures (e.g., neighborhoods and schools) to youth behavioral health and well-being.

Dalton Conley is University Professor at New York University. He holds faculty appointments in NYU's Sociology Department, School of Medicine and the Wagner School of Public Service. He also serves as an Adjunct Professor of Community Medicine at Mount Sinai School of Medicine and as a Research Associate at the National

Bureau of Economic Research (NBER). In a pro bono capacity, he is Dean of Arts and Sciences for the University of the People, a tuition-free institution committed to expanding access to higher education. He has previously served as Dean for the Social Sciences and Chair of Sociology at NYU. Conley's research focuses on the determinants of economic opportunity within and across generations. In this vein, he studies sibling differences in socioeconomic success; racial inequalities; the measurement of class; and how health and biology affect (and are affected by) social position. In 2005, he became the first sociologist to win the National Science Foundation's Alan T. Waterman Award, given annually to one young researcher in any field of science, mathematics or engineering. He is a 2011 Guggenheim Fellow.

Amy O'Hara is Chief at the Center for Administrative Records Research & Applications at the U.S. Census Bureau. Amy has previously worked as an economist and statistician in various capacities with the U.S. Census Bureau. She received her Ph.D. in Economics from the University of Notre Dame in 2003.

Michel Boudreaux is an Assistant Professor in the Department of Health Services Administration in the School of Public Health, University of Maryland. Dr. Boudreaux conducts research in interrelated areas of health policy. He is especially interested in publicly financed health programs for low-income populations and how they affect the evolution of health, human capital and socioeconomic position across the life-course. He also maintains an active research agenda focused on improving the quality and usability of health insurance measures collected in federal surveys. His work has appeared in *Health Affairs, Health Services Research, Medical Care, Medical Care Research and Review*, and *Inquiry*. He received a PhD (2014) in Health Services Research, Policy, and Administration from the University of Minnesota.

Friday March 25

Objectives and Context of Annals Volumes

Tom Kecskemethy is the Executive Director of the American Academy of Political and Social Science (AAPSS). Tom came to AAPSS from the University of Pennsylvania's Graduate School of Education, where he was the Assistant Dean and Director of Communications for over a decade. He holds a BA from Penn State and MS.Ed and Ed.D degrees in higher education management from Penn. His academic interests include organizational change in higher education and the nature of effective leadership as a collective practice. Prior to his career in higher education, Tom was a surface warfare officer in the United States Navy.

Session 4

Christine Bachrach is Research Professor in the Department of Sociology and the Maryland Population Research Center at the University of Maryland, College Park and co-Director of the Robert Wood Johnson Foundation's Health & Society Scholars program. A social demographer, her scientific interests that have spanned the areas of

fertility, family formation, marriage and divorce, adoption, sexual behavior, contraceptive practice, population health, and survey methodology. Her current research activities focus on the contributions of cognitive science to understanding culture and demographic behaviors. She served as Acting Associate Director for Behavioral and Social Sciences Research at the National Institutes of Health during 2008-2010, and as Chief of the Demographic and Behavioral Sciences Branch at the Eunice Kennedy Shriver National Institute of Child Health and Human Development during the years 1992-2008. She currently serves as Board member and Managing Director of the Interdisciplinary Association for Population Health Science, a new scientific association dedicated to advancing an integrative understanding of the multiple pathways – from the biological to the behavioral to the societal – that interact to produce health. Bachrach was President of the Population Association of America in 2013 and has served on numerous boards and committees for scientific organizations and programs in the health and population fields.

Hongying (Daisy) Dai is Associate Professor in the Department of Biomedical and Health Informatics at University of Missouri Kansas City and Sr. Biostatistician in the Department of Health Services & Outcomes Research at Children's Mercy Hospital. She received her Ph.D. in statistics from University of Kentucky and her research works focus on statistical epidemiology, social media monitoring, secondary analysis of big data, and development of novel statistical methods for medical research.

Amir Sapkota is an associate professor at the Maryland Institute for Applied Environmental Health. He received BS in Chemistry and Environmental Sciences from Clark University, Worcester MA, PhD in Environmental Health Sciences from the Johns Hopkins Bloomberg School of Public Health, Baltimore MD, and Post-Doctoral training in Environmental Epidemiology from the International Agency for Research on Cancer (IARC), Lyon France. His background is in Exposure Assessment and Environmental Epidemiology. Within this, his research focuses on two major themes: Development and Application of Novel Exposure Metrics for the Study of the Impact of Climate Change on Human Health and Combustion Related Air Pollution and Respiratory Diseases. He is currently leading a NIH funded study to investigate the relationship between frequency of extreme events, changes in plant phenology and increased risk of respiratory diseases in the Continental United States.

Jean Digitale works as a research coordinator/data analyst for the Poverty, Gender, and Youth Program at the Population Council. In this position, she has contributed to cleaning and analysis of data from the Malawi Schooling and Adolescent Study (MSAS), a longitudinal survey that draws on in-depth data from over 2,500 adolescents to elucidate relationships between young people's schooling experiences, learning, and health outcomes. Jean received her MPH in Population and Family Health and a certificate in Research Methods from Columbia University in 2014 where she was the recipient of the Population and Family Health Award for Academic Excellence.

Margaret Frye is an Assistant Professor of Sociology at Princeton University. Her research focuses on a fundamental problem at the intersection of demography and cultural sociology: how does culture influence the plans and choices of individuals,

producing the patterned behavior that we observe? She examines how socially structured standards of morality influence life course decision-making in contexts undergoing rapid cultural change. At each milestone on the transition to adulthood–continuing in school, starting a serious relationship, and having sex– her work demonstrates that individuals shape and reshape their life trajectories in accordance with these moral frames. Margaret's empirical research has primarily been based in Malawi, where she has looked at the influence of culture on educational choices, romantic experiences, and, most recently, men's evaluations of women's sexual desirability.

Tammy Leonard is an Assistant Professor of Economics at the University of Dallas. Dr. Leonard is an economist specializing in interdisciplinary applications of urban, health, and behavioral economics. Her work typically examines the dual influences of the physical and social environment as they relate to individual behavior choices - especially the choices of low-income individuals and households. Her publications have spanned a range of topics including asset poverty, financial access, social interactions, housing markets and foreclosure, and preventive health behaviors.

Sandi Pruitt is an Assistant Professor at the University of Texas Southwestern Medical Center. Her primary research interests lie at the interface of behavioral and social epidemiology, health disparities, and health services research. Her research focuses on examining geographic, socioeconomic, and racial disparities in health behaviors, healthcare outcomes, and healthcare utilization. Dr. Pruitt has more than 40 academic peer-reviewed publications many of which employ large administrative data sets such medical claims data, disease registry data, and electronic medical record data. Dr. Pruitt is co-director of the Community Assistant Research (CARe) initiative, which leverages interdisciplinary relationships between academic researchers and community stakeholders to improve the study of decision-making in low-income households.

Darrick Hamilton is an Associate Professor at Milano – *The New School* for International Affairs, Management and Urban Policy, an affiliated faculty member in the Department of Economics at *The New School* for Social Research, a faculty research fellow at the *Schwartz Center for Economic Policy Analysis*, an affiliate scholar at the *Center for American Progress*, a research affiliate at the *Research Network on Racial and Ethnic Inequality* at Duke University, and a former Associate Director of the *American Economic Association* Summer Research and Minority Training Program. Professor Hamilton was a *Ford Foundation Fellow on Poverty, the Underclass and Public Policy* at the University of Michigan, and a *Robert Wood Johnson Foundation Scholar in Health Policy Research* at Yale University. He is a stratification economist, whose work focuses on the causes, consequences and remedies of racial and ethnic inequality in economic and health outcomes, which includes an examination of the intersection of identity, racism, colorism, and socioeconomic outcomes. He has published numerous articles on socioeconomic stratification in; wealth, homeownership, health and labor market outcomes.

Michael Barton is a Professor in School of Human Evolution and Social Change, College of Liberal Arts and Sciences at Arizona State University and is Senior

Sustainability Scientist with the Julie Ann Wrigley Global Institute of Sustainability. His interests are centered on long-term human ecology and landscape dynamics where he currently has on-going projects in the Mediterranean (late Pleistocene through mid-Holocene) and American Southwest (Holocene-Archaic). His other interests and expertise revolve around hunter/gatherer and early farming societies, geoarchaeology, lithic technology, evolutionary theory with an emphasis on human/environmental interaction, landscape dynamics and techno-economic change. He has completed fieldwork in Spain, Bosnia and various locales in North America. In addition to directing The Mediterranean Landscape Dynamic project and The Open Agent Based Modeling Consortium, Dr. Barton teaches courses on Scholarly Inquiry, Human Impacts on the Environment, Spatial Technologies in Anthropological Research, Geoarchaeology, Lithic Technology and Issues in Old World Domestication Economies.

Regina Bures works in the Population Dynamics Branch of the NICHD. Regina received her Ph.D. in sociology, with a specialization in demography, from Brown University, and a Postbaccalaureate Certificate in Geographic Information Systems (GIS) from the Pennsylvania State University. She is responsible for managing the Branch portfolios on population health and the environment (including social, spatial and economic effects on health), child and adolescent obesity, internal migration and population distribution, and race and ethnicity. Before joining the Branch in 2010, Dr. Bures served as a post-doctoral fellow at the University of Chicago and on the faculty at the University of Florida. Her research has been funded by the National Science Foundation and the National Institute of Aging. Current research interests include child and family health across the life course, population dynamics, research methods, data sharing and child health policy.

David Berrigan has been a Biologist in the Office of the Associate Director of the Applied Research Program since 2003. He previously served as a Cancer Prevention Fellow with funding from the Division of Cancer Prevention from 1999-2003. Before coming to NCI, he was a postdoctoral fellow and lecturer at the University of Washington and at La Trobe University in Melbourne, Australia, with funding from the National Science Foundation and the USDA. His recent research has examined energy balance, carcinogenesis, physical activity and acculturation using a mix of animal models, population data, and methodological studies aimed at improving survey data and incorporating GIS tools and data-layers into survey data sets. He has authored or coauthored papers in *Science*, *Carcinogenesis*, *JNCI*, *American Naturalist*, *PNAS*, *American Journal of Preventive Medicine*, and some 30 other journals.

William Riley was appointed Director of the NIH Office of Behavioral and Social Sciences Research, and Associate Director of NIH for Behavioral and Social Sciences in August, 2015. He also serves as a Professorial Lecturer in the School of Public Health at George Washington University. Dr. Riley's research interests include behavioral assessment, psychosocial health risk factors, tobacco use/cessation, and the application of technology to preventive health behaviors and chronic disease management. He has been interested in applying new technologies, particularly mobile and wireless technologies, in behavioral measurement and intervention, and the potential of these technologies to

assess and intervene adaptively, in the context of the behavior, and with broad reach and scalability. His research has included the use of mobile phones and other mobile computer devices to assess and intervene on tobacco use, dietary intake, physical activity, sleep, and medication adherence.