Sustaining Domain Repositories for Digital Data
Ann Arbor, MI June 24-25, 2013

Participant Biographies

Karen Adolph—Databrary.org
Karen Adolph is Professor in the Department of Psychology and the Center for Neuroscience at New York University. She received her B.A. from Sarah Lawrence College and her M.A. and Ph.D. from Emory University, and completed a postdoctoral fellowship at the Albert Einstein College of Medicine. Adolph was previously on the faculty at Carnegie Mellon University. She received a James McKeen Cattell Sabbatical Award, the APF Robert L. Fantz Memorial Award, the APA Boyd McCandless Award, the ISIS Young Investigator Award, FIRST and MERIT awards from NICHD, and four teaching awards from NYU. She chaired the NIH study section on Motor Function and Speech Rehabilitation, is on the Advisory Board of the McDonnell Foundation and the editorial board of *Developmental Psychobiology*, and is leading the NSF/NIH-funded Databrary.org project to build the community and cyberinfrastructure for open sharing of video data among developmental scientists. Adolph is author of the SRCD monograph, *Learning in the Development of Infant Locomotion*, and multiple handbook chapters on motor development*.* Her research, supported by NICHD since 1991, examines learning and development in the context of motor skill acquisition in infants, children, and adults. She is especially interested in effects of body growth, exploratory activity, environmental and social supports, and culture on perceptual-motor learning and development.

George Alter—Inter-university Consortium for Political and Social Research (ICPSR)
George Alter is Director of ICPSR, an international consortium of more than 700 academic institutions and research organizations, which provides leadership and training in data access, curation, and methods of analysis for the social science research community. One of the world's largest archives of digitized social science research data, ICPSR is a unit within the Institute for Social Research at the University of Michigan in Ann Arbor. Alter is Professor of History and Research Professor in the Population Studies Center. His research grows out of interests in the history of the family, demography, and economic history. He is particularly interested in methods for reconstructing and analyzing life histories from longitudinal data. Alter has recently participated in two cross-national comparative projects. The "Eurasia Project" examines demographic responses to economic stress in five societies in Europe and East Asia. The "Early Life Conditions" project asks whether experiences in childhood have long-run effects on health in old age. He received his B.A. in History from the University of Pennsylvania, his M.A. in Applied Economics from the University of Michigan, and his Ph.D. in History from the University of Pennsylvania.

Helen M. Berman—Worldwide Protein Data Bank (wwPDB)
Helen M. Berman is the director of the RCSB Protein Data Bank – one of the member organizations of the Worldwide Protein Data Bank and a Board of Governors Professor of Chemistry and Chemical Biology at Rutgers University. Dr. Berman's crystallographic studies have focused on nucleic acids, protein-nucleic acid complexes, and collagen. She has also done systematic analyses of the hydration patterns of biological molecules, including nucleic acids and collagen. Since the earliest days of her career, she has been interested in establishing methods to collect and archive structural data so that systematic studies of the data could be facilitated. She was part of the original team that developed the PDB at Brookhaven National Laboratory in 1971, and in 1991 she founded the Nucleic Acid Database

(NDB; http://ndbserver.rutgers.edu/). In 1998, she led the team of Research Collaboratory for Structural Bioinformatics (RCSB) members that won the contract to manage the PDB. A structural biologist, her work includes structural analysis of protein-nucleic acid complexes, and collagen. She has served as President of the American Crystallographic Association (ACA) and has also held leadership positions in the Biophysical Society and the International Union of Crystallography (IUCr). She received the 2000 Biophysical Society Award for Distinguished Service and is a Fellow of the Biophysical Society and of the American Association for the Advancement of Science.

Bobray Bordelon—Cultural Policy and the Arts National Data Archive (CPANDA)
Bobray Bordelon joined Princeton University as the Economics & Finance Librarian in 1993. In 2004, he added to his duties the role of heading Data and Statistical Services. He has been managing the Cultural Policy and the Arts National Data Archive since 2006 and has served as its director since 2007. In fall of 2012, Bordelon also joined Rutgers University School of Communication and Information as a part-time lecturer in the Master of Library and Information Science program. He is the 2006 recipient of the American Library Association's Business Reference and Services Section (BRASS) Thomson Gale Award for Excellence in Business Librarianship. He is active in ALA, the International Association for Social Science Information Services & Technology (IASSIST), and the New Jersey State Data Center. Bordelon chaired BRASS from 2000-2001. Prior to coming to Princeton, he was a business reference librarian at New Mexico State University. He has a B.S. in Finance and an M.L.I.S. from Louisiana State University, as well as an M.B.A from New Mexico State University.

Robert S. Chen—Center for International Earth Science Information Network (CIESIN)
Robert Chen is Director of CIESIN, a research unit of the Earth Institute at Columbia University. He manages the NASA Socioeconomic Data and Applications Center (SEDAC), part of NASA's network of earth science data centers. He also co-manages the Intergovernmental Panel on Climate Change (IPCC) Data Distribution Center, which provides access to data and information from IPCC assessments and reports. Chen recently completed two terms as Secretary-General of the Committee on Data for Science and Technology (CODATA), an interdisciplinary body of the International Council for Science. He is currently a co-chair of the Data Sharing Working Group of the Group on Earth Observations (GEO), an intergovernmental initiative to implement a Global Earth Observing System of Systems. He is also a member of the U.S. National Research Council (NRC) Board on International Scientific Organizations. Chen is a member of the Science Advisory Boards of Creative Commons and of the Climate Change Science Institute of the Oak Ridge National Laboratory. At Columbia, Chen is an ex officio member of the Earth Institute Faculty and a member of its Practice Committee. His research areas include data access and stewardship, disaster risk assessment, climate change vulnerability and adaptation, and environment and security. Chen received his Ph.D. in Geography from the University of North Carolina at Chapel Hill and M.S. and B.S. degrees from the Massachusetts Institute of Technology.

G. Sayeed Choudhury—Data Conservancy
Sayeed Choudhury is the Associate Dean for Research Data Management and Hodson Director of the Digital Research and Curation Center at the Sheridan Libraries of Johns Hopkins University. He is also the Director of Operations for the Institute of Data Intensive Engineering and Science (IDIES) based at Johns Hopkins. He is a member of the National Academies Board on Research Data and Information, the ICPSR Council, DuraSpace Board, and a Senior Presidential Fellow with the Council on Library and Information Resources. Previously, he was a member of the Digital Library Federation advisory committee, Library of Congress' National Digital Stewardship Alliance Coordinating Committee and Federation of Earth Scientists Information Partnership (ESIP) Executive Committee. He has been a Lecturer in the Department of Computer Science at Johns Hopkins and a Research Fellow at the Graduate School of

Library and Information Science at the University of Illinois at Urbana-Champaign. He is the recipient of the 2012 OCLC/LITA Kilgour Award. He has testified for the Research Subcommittee of the Congressional Committee on Science, Space and Technology.

Choudhury has served as principal investigator for projects funded through the National Science Foundation, Institute of Museum and Library Services, the Library of Congress' NDIIPP, the Andrew W. Mellon Foundation, Microsoft Research and a Maryland based venture capital group. He is the Principal Investigator for the Data Conservancy, one of the original awards through NSF's DataNet program. He has oversight for data curation research and development at the Sheridan Libraries at Johns Hopkins University. Choudhury has published articles in journals such as the International Journal of Digital Curation, D-Lib, the Journal of Digital Information, First Monday, and Library Trends. He has served on committees for the Digital Curation Conference, Open Repositories, Joint Conference on Digital Libraries, and Web-Wise. He has presented at various conferences including Educause, CNI, DLF, ALA, ACRL, and international venues including IFLA, the Kanazawa Information Technology Roundtable, eResearch Australasia and the North America-China Conference.

Ruth Christensen—Association of Religion Data Archives (ARDA)
Ruth Christensen is a software developer at the ARDA, where she has worked for the past nine years. She develops software that streamlines and automates the various processes necessary to support the ARDA's archives and various Web site features. Prior to working with the ARDA, she was a software engineer for Lockheed Missile and Space Company and Minitab, Inc. Christensen holds a B.S. in Software Engineering from the Rochester Institute of Technology and has worked in that field for twenty-eight years.

Christopher Cieri—Linguistic Data Consortium (LDC)
Christopher Cieri is Executive Director of the Linguistic Data Consortium, an open consortium of universities, companies and government research laboratories. It creates, collects and distributes speech and text databases, lexicons, and other resources for research and development purposes. The University of Pennsylvania is the LDC's host institution. The LDC was founded in 1992 with a grant from the Advanced Research Projects Agency (ARPA), and is partly supported by grant IRI-9528587 from the Information and Intelligent Systems division of the National Science Foundation. Cieri provides oversight for the Linguistic Data Consortium including planning, operations, project management, external relations and financial performance.

Jonathan Crabtree—Odum Institute for Research in Social Science
Jonathan Crabtree is Assistant Director of Computing and Archival Research at the Odum Institute for Research in Social Science at University of North Carolina Chapel Hill. The institute's social science data archive is one of the oldest and most extensive in the country. As assistant director, Crabtree completely revamped the institute's technology infrastructure and has positioned the institute to assume a leading national role in information archiving. His current efforts include working with the University of Michigan, the Harvard-MIT Data Center and preservation partners across the country to create a national preservation strategy for social science data and developing policy based auditing systems for LOCKSS based preservation systems. Crabtree's experience in information technology and networking as well as his engineering background bring a different perspective to his current role. Crabtree joined the institute nineteen years ago and is responsible for designing and maintaining the technology infrastructure that supports the institute's wide array of services. Before moving to the social science side of campus he was an information systems technologist for the University of North Carolina at Chapel Hill School of Medicine. His grounding in medical information technology adds to his education

and training in electrical engineering, library and information science, digital preservation, computer science, economics, geographic information systems, hydrology and geomorphology.

Ruth Duerr–National Snow and Ice Data Center (NSIDC)
Ruth Duerr has many years' experience as a systems/software engineer and project manager. She was the software manager for the space and ground systems for the SOLSTICE instrument that flew on the Upper Atmosphere Research Satellite. This included instrument planning, platform pointing, flight software, engineering analysis, and data processing components. As the Alaska SAR Facility's first Project System Engineer, she was responsible for establishing systems engineering as a discipline at that facility and had overall responsibility for all ASF data systems. Duerr is Principal Investigator and/or Project Manager for several ongoing and recent data management and cyberinfrastructure projects at NSIDC funded by NSF, NASA and NOAA. In addition, she recently has been acting as a Product Owner on several NSIDC agile development projects, including one involving a distributed agile team in coordination with Johns Hopkins, Cornell, and other partners.

Carol Ember—Human Relations Area Files (HRAF)
Carol Ember is President of the Human Relations Area Files at Yale University. Previously she served as Executive Director from 1996 to 2009. She is also the editor of the journal Cross-Cultural Research, the President-Elect of the Society for Anthropological Sciences, and she currently serves on the Board of the Evolutionary Anthropology Society. She has served as President of the Society for Cross-Cultural Research and co-directed the Summer Institutes for Comparative Anthropological Research, which were supported by the National Science Foundation. Most of her research career has been devoted to cross-cultural research on variation in marriage, family, kin groups, gender roles, predictors of war and other forms of violence. She is interested in research that integrates the fields of anthropology as well as anthropology with other disciplines. She is the first author (with Melvin Ember) of Cultural Anthropology, now in its 13th edition and Anthropology (with Melvin Ember and Peter N. Peregrine), now in its 13th edition. She and Melvin Ember also wrote a primer on how to do cross-cultural research (Cross-Cultural Research Methods), now in its 2nd edition. Ember received her Ph.D. in Social Anthropology from Harvard University.

Carol Flannagan—Transportation Research Institute, University of Michigan (UMTRI)
Carol Flannagan's work in transportation research encompasses analysis of a wide variety of transportation-related data. She has done extensive work in the area of injury prediction in crashes, including development of an injury severity prediction algorithm for OnStar in collaboration with General Motors Safety Center. The results of the model are sent automatically from a vehicle involved in a crash and used for early triage. Her crash database analysis work has also revolved around method development for the analysis of transportation safety datasets. Each database comes with its unique analysis challenges, and Dr. Flannagan has developed in methods appropriate to dealing with those challenges. In February of 2010, Dr. Flannagan became co-head of UMTRI's Transportation Data Center. In that role, she has leadership of a group of 8 people whose focus is on curation and dissemination of crash data. In 2012, TDC expanded to become the Center for the Management of Information for Safe and Sustainable Transportation (CMISST). Dr. Flannagan is Research Director and leads efforts to fuse crash, EMS, hospital, driving, and other transportation-related datasets to help find answers to pressing questions in transportation safety and sustainability.

Rick O. Gilmore—Databrary.org
Rick Gilmore is Associate Professor of Psychology and Director of Human Imaging at Penn State's Social, Life, & Engineering Sciences Imaging Center. He received his A.B. in Cognitive Science from Brown, and his M.S. and Ph.D. in Psychology from Carnegie Mellon University and the Center for the Neural Basis of

Cognition. Gilmore studies the development of perception, action, and memory in infants and children using behavioral, brain imaging, and computational techniques. He has won the College of the Liberal Arts Teaching Award, has served on the editorial board of the journal Infancy, and on review panels for NSF and NIH. Gilmore is co-PI on the NSF- and NIH-funded Databrary.org project.

Joshua Greenberg—Alfred P. Sloan Foundation
Joshua Greenberg is Director of the Alfred P. Sloan Foundation's Digital Information Technology program. Greenberg received his Bachelor of Arts in History of Science, Medicine and Technology from the Johns Hopkins University, and both Masters and Doctoral degrees from Cornell University's Department of Science & Technology Studies. His dissertation work on the early history of the consumer videocassette recorder and the invention of the video rental industry was published as "From Betamax to Blockbuster" by the MIT Press (2008). The research was notable for the extensive use of online media to collect oral histories of early video store owners, employees and customers. After completing his graduate work, Greenberg worked as Associate Director for Research Projects at George Mason University's Center for History and New Media, as well as Research Assistant Professor in the University's Department of History and Art History. At CHNM, he co-founded the Zotero project, developed and promoted ways of using the Internet to further historical research, and helped build several systems that eventually evolved into the content management platform Omeka. Immediately prior to joining the Foundation, Greenberg was the New York Public Library's first Director of Digital Strategy and Scholarship, where he developed and led a digital strategy centered on building online visitors and deepening engagement through access to collections both on Library websites and third-party platforms and increased exposure to staff expertise via blogs and other social media.

Robert J. Hanisch—US Virtual Astronomical Observatory
Robert Hanisch is a Senior Scientist at the Space Telescope Science Institute (STScI), Baltimore, Maryland, and is the Director of the US Virtual Astronomical Observatory (VAO), a program funded by the National Science Foundation and the National Aeronautics and Space Administration. In the past twenty years Hanisch has led many efforts in the astronomy community in the area of information systems and services, focusing particularly on efforts to improve the accessibility and interoperability of data archives and catalogs. He was the first chair of the International Virtual Observatory Alliance (IVOA) Executive Committee (2002-2003) and continues as a member of the IVOA Executive. From 2000 to 2002 he served as Chief Information Officer at STScI, overseeing all computing, networking, and information services for the Institute. Prior to that he had oversight responsibility for the Hubble Space Telescope Data Archive and led the effort to establish the Multimission Archive at Space Telescope—MAST—as the optical/UV archive center for NASA astrophysics missions. He has served as chair of the Program Organizing Committee for the Astronomical Data Analysis Software and Systems conferences, chair of the Space Science Data Systems Technical Working Group, chair of the Astrophysics Data Centers Coordinating Committee, chair of the Publications Board of the American Astronomical Society (AAS), and co-chair of the US Decadal Survey Study Group on Computation, Simulation, and Data Handling. He is currently chair of the International Astronomical Union Commission 5 Working Group on Virtual Observatories, Data Centers, and Networks and co-chair of the Working Group on Libraries, and chair of the AAS Working Group on Astronomical Software. In 1999 Hanisch was a visiting professor at the Centre de Données astronomiques de Strasbourg (CDS), France, and was a consultant to the National Academy of Sciences Astronomy and Astrophysics Survey Committee panel on Theory, Computation, and Data Exploration, whose Decadal Survey report gives first priority to the creation of the National Virtual Observatory. He completed his Ph.D. in Astronomy in 1981 at the University of Maryland, College Park.

Margaret Hedstrom—SEAD
Margaret Hedstrom is a Professor at the School of Information, University of Michigan where she teaches in the areas of archives, electronic records management, and digital preservation. She is Principal Investigator for the SEAD (Sustainable Environment/Actionable Data) DataNet project funded by the National Science Foundation. SEAD is a collaboration among researchers at the University of Michigan, Indiana University, and University of Illinois – Urbana-Champaign that is providing data management, digital preservation and access tools and services for researchers in the field of sustainability science. Before joining the U-M faculty in 1995, Hedstrom was chief of state records advisory services and director of the Center for Electronic Records at the New York State Archives and Records Administration (1985-95). In fall 2003, she was an author of "It's About Time: Research Challenges in Digital Archiving and Long-Term Preservation," sponsored by the Digital Government Research Program and the Digital Libraries Program Directorate for Computing and Information Sciences and Engineering at the National Science Foundation (NSF) and the Library of Congress National Digital Information Infrastructure and Preservation Program. She also headed the CAMiLEON project with the University of Leeds. In that project, researchers were devoted to the use of emulation tools as part of a strategy for long-term preservation of digital records.

Paul Herrnson—The Roper Center for Public Opinion Research
Paul S. Herrnson is the incoming Executive Director of the Roper Center for Public Opinion Research and professor of political science at the University of Connecticut. The Roper Center is one of the world's leading archives of social science data, specializing in data from surveys of public opinion. The data held by the Roper Center range from the 1930s, when survey research was in its infancy, to the present. Most of the data are from the United States, but over 50 nations are represented. Dr. Herrnson has published numerous books, including *Voting Technology: The Not-So-Simple Act of Casting a Ballot*, *Congressional Elections: Campaigning at Home and in Washington*, and *The Financiers of Congressional Elections*. He has served as President of the Southern Political Science Association, President of the American Political Science Association's section on Political Organizations and Parties, and as an American Political Science Association Congressional Fellow. He has advised the U.S. Congress, the Federal Election Commission, and numerous governmental and nongovernmental organizations on matters pertaining to campaign finance, political parties, and election reform.

Lynette Hoelter— Inter-university Consortium for Political and Social Research (ICPSR)
Lynette Hoelter is an Assistant Research Scientist and Director of Instructional Resources at ICPSR and a research affiliate of the Population Studies Center at the University of Michigan. At ICPSR, she is involved in projects focusing on assisting social science faculty with using data in the classroom, including the Online Learning Center and TeachingWithData.org, and generally oversees efforts focused on undergraduate education. Lynette is also a Co-Principal Investigator of the Integrated Fertility Survey Series, an effort to create a dataset of harmonized variables drawn from national surveys of fertility spanning 1955-2002. Her research interests include the relationship between social change and marital quality, gender in families, and the study of family and relationship processes and dynamics more broadly. She has also taught for the department of sociology and the survey methodology program at the University of Michigan.

Rebecca Koskela—Data Observation Network for Earth (DataONE)
Rebecca Koskela is Executive Director of DataONE, the foundation of new innovative environmental science through a distributed framework and sustainable cyberinfrastructure that meets the needs of science and society for open, persistent, robust, and secure access to well-described and easily discovered Earth observational data. Supported by the U.S. National Science Foundation (Grant #OCI-

0830944) as one of the initial DataNets, DataONE will ensure the preservation, access, use and reuse of multi-scale, multi-discipline, and multi-national science data via three primary cyberinfrastucture elements and a broad education and outreach program. Koskela is responsible for the day-to-day operation of DataONE—coordinating all technical, management, reporting, and budget issues. Prior to this position, she was the Life Sciences Informatics Manager for Alaska INBRE and the Biostatistics and Epidemiology Core Manager for the Center for Alaska Native Health Research at the University of Alaska Fairbanks. In addition to her bioinformatics experience, Koskela has over twenty-five years' experience in high performance computing including positions at Sandia National Laboratories, Los Alamos National Laboratory, Cray Research and Intel.

Elaine Kuttner—Cambridge Concord Associates
Elaine Kuttner, who is Principal at Cambridge Concord Associates, has consulted for twenty years with the leadership of colleges and universities and their related research organizations, and with health and education-related foundations and professional societies. She also provides consulting services to public health and human services organizations and the arts. Kuttner completed both her undergraduate and graduate work at the University of Michigan, Ann Arbor, and early in her professional career became interested in strategic planning as a mechanism for change in the nonprofit sector and in higher education. Working closely with faculty, staff, and Board leadership, she helps shape essential questions, address challenges, and plan for the future. She also helps her clients assess and evolve their own governance systems in order to more effectively carry out their missions. Kuttner has significant experience working within complex systems and with multiple institutions as they plan together. She presents on topics related to both planning and governance. She also has a strong leadership consulting practice, providing counsel to not-for-profit leaders concerning matters of strategy and governance effectiveness and design. She is often invited to speak on those topics.

Jared Lyle—Inter-university Consortium for Political and Social Research (ICPSR)
Jared Lyle is Director of Curation Services at ICPSR. His unit is responsible for Metadata, the ICPSR Bibliography of Data-Related Literature, and Digital Preservation. His work includes developing and maintaining a comprehensive approach to data management and digital preservation policy at ICPSR. Lyle has been with ICPSR since 2004, and has coordinated research projects on digital preservation and data sharing, including the Data Preservation Alliance for the Social Sciences (Data-PASS), a partnership of social science repositories that archives, catalogs and preserves at-risk data collections. Lyle also co-teaches a workshop in the ICPSR Summer Program titled "Curating and Managing Research Data for Re-Use".

Marc Maynard—The Roper Center for Public Opinion Research
Marc Maynard is Director of Technical Services at the Roper Center, as well as the Assistant Secretary on their Board of Directors. The Roper is one of the world's leading archives of social science data, specializing in data from surveys of public opinion. The data held by the Roper Center range from the 1930s, when survey research was in its infancy, to the present. Most of the data are from the United States, but over 50 nations are represented.

Francis McManamon—The Digital Archaeological Record (tDAR)
Francis McManamon is the Executive Director of the Center for Digital Antiquity (Digital Antiquity), an Arizona State University center in the School for Human Evolution and Social Change (SHESC). Digital Antiquity is devoted to improving access to archaeological data and documents and ensuring their long-term preservation and availability. Digital Antiquity governs the use, development, and maintenance of the Digital Archaeological Record (tDAR), an international digital repository for the digital records of

archaeological investigations. Before joining Digital Antiquity and SHESC in November, 2009, Dr. McManamon was the Chief Archeologist of the National Park Service and Departmental Consulting Archeologist for the Department of the Interior (DoI) in Washington, DC. Dr. McManamon has been involved in the development of policy, regulations, and guidance for public archaeology in the National Park system and throughout the government. He has special interests and expertise in archaeological resource management, the long-term access to and preservation of archaeological data, laws and regulations related to cultural resource management and historic preservation, and public outreach and education about archaeology and archaeological resources.

David Millman—Databrary.org
David Millman is Director of Digital Library Technology Services (DLTS) at New York University. The DLTS group develops infrastructure to preserve and provide access to digital materials, oversees reformatting projects, and creates systems to advance research and scholarly communication. Millman received an A.B. from Columbia University in Mathematics and an M.S. in Computer Science, also from Columbia. He was a Principal Investigator in the NSF-sponsored National Science Digital Library, serves on the Steering Committee of the ArchivesSpace project, an archival management software system funded by the Andrew W. Mellon Foundation, and has served on NSF review panels. Until 2008 he had several roles at Columbia University, including Senior Director of Research, Teaching and Learning Technologies.

Steven Ruggles—Terra Populus
Steven Ruggles is Regents Professor of History and Population Studies, Distinguished McKnight University Professor, and Director of the Minnesota Population Center at the University of Minnesota. He is also Principal Investigator/Program Director of the Terra Populus project that integrates data on population and environment, located at the Minnesota Population Center. Ruggles received his Ph.D. in History from the University of Pennsylvania in 1984, followed by an individual National Research Service Award postdoctoral fellowship at the Center for Demography and Ecology of the University of Wisconsin. He is best known as the creator of the Integrated Public Use Microdata Series (IPUMS), the world's largest population database, providing information on over 785 million individuals drawn from 750 censuses and surveys spanning two centuries and 80 countries.

Ruggles has made important contributions to the study of long run demographic change, focusing especially on changes in the family. His study of the effects of demographic change on family structure won the William J. Goode Book Award from the American Sociological Association and the Allen Sharlin Memorial Award from the Social Science History Association. In 2003, Ruggles received the Robert J. Lapham Award from the Population Association of America in recognition of lifetime contributions that blend research with the application of demographic knowledge to policy issues, and in 2009, he received the Warren E. Miller Award from the Inter-university Consortium for Political and Social Research for meritorious service to the social sciences. He is currently a member of the Census Scientific Advisory Committee, the National Science Foundation Advisory Committee for the Social, Behavioral, and Economic Sciences, and the National Research Council Board on Research Data and Information Study Panel on Digital Curation.

Libbie Stephenson—UCLA Data Archive
Libbie Stephenson has been manager and director of the UCLA Social Science Data Archive since 1977. The archive's mission is to provide a foundation for social science research and teaching support. Data Archive staff and researchers work in a collaborative environment where the focus is on understanding the nature and scope of research approach and management of research output throughout the entire life cycle of a project. The Data Archive is one of the key support components in those disciplines that provide instruction in research methods, survey design and methods, statistics, and data analysis.

Throughout the campus, data provided by the Archive (through memberships in organizations such as ICPSR and Roper) is used by faculty in courses to transmit pedagogy, illustrate theory and develop understanding of social, political, demographic, economic, geographic and historical trends and issues. Stephenson has often served as a lecturer in the UCLA department of Information Studies and in many social science departments and professional schools. She is a frequent presenter at national and international conferences including the American Library Association, the International Federation of Library Associations, the Society of American Archivists, and the International Association for Social Science Information Services and Technology. She received her Master's Degree in Library Science at UCLA in 1975.

Alex Szalay—US Virtual Astronomical Observatory (VAO)
Alexander Szalay is the Alumni Centennial Professor of Astronomy at the Johns Hopkins University, and Professor in the Department of Computer Science. He is the Director of the Institute for Data Intensive Science. He is a cosmologist, working on the statistical measures of the spatial distribution of galaxies and galaxy formation. He is a Corresponding Member of the Hungarian Academy of Sciences, and a Fellow of the American Academy of Arts and Sciences. In 2004 he received an Alexander Von Humboldt Award in Physical Sciences, in 2007 the Microsoft Jim Gray Award. In 2008 he became Doctor Honoris Causa of the Eotvos University, Budapest. The Virtual Astronomical Observatory (VAO) is part of a worldwide effort called the Virtual Observatory (VO) that aims to link astronomy data and services. Szalay is Project Director for the VO. He also is the architect for the Science Archive of the Sloan Digital Sky Survey (SDSS), and has designed the software to perform data mining on the SDSS terabyte-sized archive, based on innovative spatial indexing techniques. He enjoys playing with Big Data.

Paul Uhlir—National Academies of Science
Paul Uhlir is Director of the Board on Research Data and Information, and the U.S. CODATA, at the National Academy of Sciences (NAS) in Washington, DC. His area of emphasis is on issues at the interface of science, technology, and law, with primary focus on information policy and management. Previously, Dr. Uhlir worked in the following capacities at the NAS: Director of the Office of International Scientific and Technical Information Programs, 1999-2008; Associate Executive Director of the Commission on Physical Sciences, Mathematics, and Applications, 1991-1999; and senior staff officer at the Space Studies Board, 1985-1991, where he managed projects on solar system exploration and environmental remote sensing programs for NASA. Before joining the NAS, he worked on remote sensing law and intergovernmental cooperation in meteorological satellite programs at the general counsel's office of the National Oceanic and Atmospheric Administration. Dr. Uhlir has published and lectured widely, and has been involved in numerous consulting and *pro bono* activities.

Mary Vardigan—Inter-university Consortium for Political and Social Research (ICPSR)
Mary Vardigan is Assistant Director of ICPSR. She holds the position of Archivist and directs the ICPSR Collection Delivery Unit, which involves oversight of activities in the areas of Metadata, Publications, Web Site Development, User Support, and Membership Development. She also serves as Director of the Data Documentation Initiative (DDI), an international effort to establish a metadata standard for the social and behavioral sciences. She is involved in other international projects related to data stewardship, including the Data Seal of Approval, the Research Data Alliance, and various efforts to promote data citation.

Todd Vision—Dryad Digital Repository
Todd Vision is Associate Professor of Biology at the University of North Carolina at Chapel Hill and Associate Director for Informatics at the National Evolutionary Synthesis Center (nescent.org), an

interdisciplinary science incubator. His research specialties are evolutionary genetics and the practices of scholarly communication in data-driven science. He is a founder the Dryad Digital Repository, which archives long-tail data underlying biological and medical publications. He serves on the Board of Directors of two nonprofits, Dryad and ORCID, and is a member of the NSF Advisory Committee for Cyberinfrastructure.

Diane Winter— Inter-university Consortium for Political and Social Research (ICPSR)
Diane Winter is Assistant Director for Administration at ICPSR and is responsible for managing its administrative functions: Research Administration, Human Resources, Meeting & Event Planning, Conferences, Budgeting, Financial Analysis and Reporting. Prior to taking the position at ICPSR in 2010, Diane was with University of Michigan Financial Operations for more than 30 years. Her previous roles included senior accountant, accounting supervisor, assistant manager for financial reports and banking and transaction services, and, from 1999 to 2010, associate director for cost accounting, cost reimbursement and financial reporting.

Kristine Witkowski— Inter-university Consortium for Political and Social Research (ICPSR)
A Research Investigator at ICPSR, Witkowski is Principal Investigator of the Safe Design Project (Addressing Disclosure Risk of Contextualized Microdata in Survey Design, Grant 1R01HD067184-01A1). For the project, Witkowski conducts research to better understand, evaluate, and predict confidentiality issues associated experimental traits of public-use collections (in general) and contextualized microdata (in particular) (i.e., person-records that release the attributes of geographic units, instead of their direct identifiers). Building upon a research agenda that was developed as part of a larger program aiming to answer the call for knowledge and innovation in the dissemination of confidential social science data, the Safe Design Project brings together an interdisciplinary team of geographers, survey methodologists, and disclosure researchers whose research goal is to increase the availability of geographically-rich data, while protecting the rights of respondents, by incorporating disclosure risk into the conceptual and empirical frameworks used for evaluating survey designs. She received her Ph.D. in Sociology and Demography from the Population Research Institute, Pennsylvania State University.