

Developing a Toolkit for Fostering Open Science Practices: A Workshop

Committee

Loretta Parham

Chair

LORETTA PARHAM (Chair) is Chief Executive Officer and Library Director of the Robert W. Woodruff Library of the Atlanta University Center, an independent entity operating as the single library shared by its four member institutions—Clark Atlanta University, the Interdenominational Theological Center, Morehouse College and Spelman College. She is responsible for the strategic agenda transforming the Woodruff Library into the best choice for information for its community. With more than 30 years in the profession her experience includes: Director of the Hampton University Library, Deputy Director of the Carnegie Library of Pittsburgh, Pa., District Chief of the Chicago Public Library and other public service positions with the Chicago Public Schools and the City Colleges of Chicago. An active leader, scholar and engaging speaker, Ms. Parham was named a 2004 “Mover & Shaker” by Library Journal and was also honored as the 2017 Academic/Research Librarian of the Year by the Association of College and Research Libraries (ACRL). She has authored articles on Historically Black Colleges and Universities (HBCU) libraries and archives, and is co-editor of the book, *Achieving Diversity: A How-To-Do-It Manual for Librarians*. Ms. Parham is co-founder and past chair of the HBCU Library Alliance, past chair of the Georgia Humanities Council, former board member of ACRL, the Wayne State University School of Library Science Advisory Board, and past treasurer of the Oberlin Group. Ms. Parham holds the Master of Library Science degree from the University of Michigan-Ann Arbor and the Bachelor of Science in Communications from Southern Illinois University-Carbondale. She is currently serving on Board of Directors of EDUCAUSE and EDUCOPIA.

Stuart Buck

Member

STUART BUCK is Vice President of Research for Arnold Ventures. Dr. Buck advises the board of directors and programmatic teams on Arnold Ventures' overall research agenda as well as specific external research investments. He works to help ensure that studies funded by Arnold Ventures are rigorous, and that major research investments are evaluated by independent experts. Prior to his current role, Dr. Buck led the philanthropy's efforts to advance the transparency and reliability of scientific research. His work has been featured in Wired, The Economist, The New York Times, and The Atlantic, among many others. Dr. Buck serves on the boards of the Harvard Multi-Regional Clinical Trials Center and the Houston Education Research Consortium, and is a technical adviser to the Veterans Administration's Partnered Evidence-Based Policy Resource Center. He has given advice to DARPA, IARPA (the CIA's research arm), and the White House Social and Behavioral Sciences Team on rigorous research processes. He also advised the John Oliver show on an episode about scientific reproducibility. He has authored and co-authored scholarly articles published in journals such as Science, Harvard Law Review, Education Economics, Education Next, Phi Delta Kappan, and Review of Public Personnel Administration. He is the author of a Yale University Press book on education in the African-American community, *Acting White*. He has been invited to peer review articles for Science, BMJ, and Bioinformatics. Dr. Buck holds a Ph.D. in education policy from the University of Arkansas; a J.D. with honors from Harvard Law School, where he was an editor of the Harvard Law Review; and bachelor's and master's degrees in music performance from the University of Georgia.

Sarah M. Nusser

Member

SARAH NUSSER is a professor in the Department of Statistics at Iowa State University and recently served as vice president for research at Iowa State University from 2014 to 2020. She is a faculty member in the Center for Survey Statistics and Methodology. During her tenure as vice president for research, Dr. Nusser led efforts to advance the research mission and expand sponsored funding at Iowa State, including leadership for campus-wide programs for faculty research success, interdisciplinary initiatives, and ethical research practice. Prior to joining the Office of the Vice President for Research in 2014, Dr. Nusser served as the director of the Center for Survey Statistics and Methodology at Iowa State University for 15 years, where she conducted research in survey statistics and methodology with the U.S. Department of Agriculture (USDA) Natural Resource Conservation Service, National Agricultural Statistics Service, Economic Research Service, and National Institute of Food and Agriculture; National Science Foundation (NSF); National Institutes of Health (NIH); and federal statistical agencies, including the Bureau of Labor Statistics and U.S. Census Bureau. Dr. Nusser has served on numerous scientific panels, advisory committees and governing boards with the National Academies, NSF, NIH, U.S. Census Bureau, U.N. Food and Agriculture Organization, statistical societies and higher education associations, including her involvement in the Association of American Universities-Association of Public and Land-grant Universities initiative on Accelerating Public Access to Research Data. She is a fellow of the American Statistical Association (ASA) and an elected member of the International Statistical Institute, and has received awards for excellence and service from Iowa State and the ASA. Dr. Nusser received a B.S. in botany from the University of Wisconsin-Madison, M.S. in botany from North Carolina State University, and Ph.D. in statistics from Iowa State University.

Roger M. Wakimoto

Member

ROGER WAKIMOTO became the Vice Chancellor for Research at the University of California, Los Angeles (UCLA) on July 1, 2017. Dr. Wakimoto is an accomplished atmospheric scientist specializing in research on mesoscale meteorology, particularly severe convective storms and radar meteorology. He is a former member of UCLA atmospheric sciences faculty in 1983-2005, serving as department vice chair in 1993-1996 and chair in 1996-2000. After his tenure at UCLA, Dr. Wakimoto served as the director of the National Center for Atmospheric Research (NCAR) Earth Observing Laboratory from 2005-2010 and subsequently as director of NCAR from 2010-2013. He most recently served as assistant director of the National Science Foundation Directorate for Geosciences from 2013-2017, where he led a division that supported atmospheric, geospace, polar, earth, and ocean sciences with a \$1.3 billion annual budget. He recently stepped down as President of the American Meteorological Society. Dr. Wakimoto received his B.S. with honors and great distinction in meteorology from San Jose State University and his Ph.D. in geophysical sciences from the University of Chicago.

Thomas S. Arrison

Staff Officer