

Steering Committee on Agency Reform

Committee Members

Co-Chairs

Martha “Marty” Rubenstein is Office Head, Office of Budget, Finance and Award Management (BFA) and Chief Financial Officer (CFO). Prior to becoming CFO she served as Office Head of the Budget Division, BFA, since September 1997. That tenure included a sabbatical at Stanford University in 2006-2007.

She began her Federal career at the Bureau of Labor Statistics, Department of Labor, responsible for budget analysis and management information systems development. She then served at the Office of Management and Budget, Executive Office of the President (OMB) and directed OMB's decision support system. She oversaw the system's design and enhancement and its use in supporting OMB's government-wide budget exercises. She was also OMB's fiscal liaison to Vice President Gore's National Performance Review.

Ms. Rubenstein earned a BSBA in Finance and Economics at The American University and a MBA in Information Systems Management at the George Washington University. She was also honored by President Bush in 2002 as a recipient of the Presidential Rank Award for Meritorious Executive.

Joanne Tornow joined the National Science Foundation (NSF) in September 1999 as a Program Director in the Division of Molecular and Cellular Biosciences (MCB), Directorate for Biological Sciences (BIO). Since joining NSF, Dr. Tornow has served with distinction in multiple program and leadership positions, including Program Director in BIO/MCB, Staff Associate in the Office of the Director, Senior Advisor to the Assistant Director in BIO, Acting Division Director in BIO/MCB, Acting Executive Officer in BIO, Deputy Assistant Director for Social, Behavioral and Economic Sciences (SBE), and Acting Assistant Director for SBE.

In December 2014, Dr. Tornow was appointed as NSF's Chief Human Capital Officer and Head of the Office of Information and Resource Management, overseeing information technology, human resource management, and administrative services for the agency.

Prior to joining NSF, Dr. Tornow served as Associate Professor of Biological Sciences at the University of Southern Mississippi, spent a year in the U.S. Senate and a year at the White House Office of Science and Technology Policy on an American Association for the Advancement of Science (AAAS) Science and Technology Policy Fellowship. She has a BA in Biology from Rutgers University and a Ph.D. in Genetics from Yale University.

Members

Scott Borg is the Section Head for Antarctic Infrastructure and Logistics (AIL) within the National Science Foundation Division of Polar Programs. A member of the Senior Executive Service, he coordinates the management and oversight of the transportation, logistics, infrastructure and facilities of the United States Antarctic Program (USAP) in support of NSF's role as lead agency for the U.S. presence in Antarctica. He also currently manages NSF's single largest award, the contract with Leidos for the operation, maintenance and science support of the U.S. Antarctic Program (USAP).

Dr. Borg's awards include the Presidential Rank Award of Distinguished Senior Executive (2015), Samuel J. Heyman Service to America Medal Career Achievement Finalist (2014), NSF Director's Awards in program management (1997, 2000), NCAA Postgraduate Scholarship (1977), US Army ROTC Distinguished Military Graduate (Pomona College, 1977), and the Richard E. Strehle Geology Award (Pomona College, 1976).

Prior to his current role, Dr. Borg served at NSF as Head of Antarctic Sciences from 2003-2016 and as Program Director for Antarctic Earth Sciences from 1992 to 2003. Dr. Borg came to NSF from the US Department of Energy (DOE) where he managed activities associated with characterization of the Yucca Mountain site as a potential nuclear waste repository. Prior to DOE, Dr. Borg conducted research in isotope geochemistry and geology at the University of California to reveal the origin of granitic rocks in tectonically active continental margins. He also conducted studies in environmental geology as a staff scientist at Lawrence Berkeley Laboratory and as a consultant in private practice. His experience in Antarctic research spans more than 35 years. Dr. Borg earned a BA degree in Geology from Pomona College, and MS and Ph.D. degrees in Geology from Arizona State University. Dr. Borg holds licenses to practice geology in California and Oregon.

Rhonda Davis is the Head of the Office of Diversity & Inclusion. Prior to her appointment, she served as Acting Head and Senior Advisor. She joined NSF in 2010 from the US Department of Agriculture's Office of the Assistant Secretary for Civil Rights where she served in several positions including Acting Associate Assistant Secretary for Civil Rights, Director of Program Planning and Accountability, Chief of the Statute of Limitations Division, Senior Equal Opportunity Specialist, Agricultural Program Complaints Investigator and Examiner/Agricultural Economist. Her experience in establishing and managing nondiscrimination and diversity programs, both previously and at NSF, enables her to continue to make significant contributions to NSF's very important goal to excel as a federal science agency with a diverse, engaged and high-performing workforce.

She holds a MS in Agricultural Economics from North Carolina Agriculture and Technical State University and a BS in Agricultural Economics from the University of Arkansas at Pine Bluff.

Judy Hayden is the Directorate Operations Officer in the Office of the Assistant Director in the Directorate for Engineering. She has over 30 years of service at NSF. She has served in various administrative roles in several research directorates as well as the Office of Cyberinfrastructure and the Office of Legislative and Public Affairs.

Sean L. Jones is the Deputy Division Director for the Division of Materials research. Prior to being appointed the Deputy, Dr. Jones co-managed the National Facilities portfolio in the Division of Materials Research of the National Science Foundation (NSF), with primary programmatic responsibility for the newly developed Materials Innovation Platform (MIP) program. In addition, he co-managed the

National High Magnetic Field Laboratory (NHMFL) facility, the Cornell High Energy Synchrotron Source (CHESS) facility, the National Institute of Standards and Technology (NIST) Center for High Resolution Neutron Scattering (CHRNS), and the Division's Major Research Instrumentation (MRI) program. Prior to his assignment in the National Facilities and Instrumentation portfolio, Sean led the Materials Research Science and Engineering Centers (MRSEC) and Partnership for Research and Education in Materials (PREM) programs for 5 years. Additional NSF duties include co-managing the sustainable chemistry and materials (SusChEM) initiative, representing the Division and Directorate on Diversity and Broadening Participation working groups, serving as an NSF instructor for the Program Director Academy, and participating as the Directorate's representative for the NSF-wide NSF Research Traineeship (NRT) and the Innovation Corps (I-Corps) programs.

Dr. Jones also served on a 14 month detail as the Assistant Director for Physical Sciences and Engineering for the White House Office of Science and Technology (OSTP). His OSTP portfolio included graduate education reform, grant reform, aquaculture, plant genomics, and broadening participation of underrepresented groups in STEM. Prior to joining NSF, Dr. Jones has served as the Director of Engineering for Applied Plasmonics, Chair and Professor for both the optical and electronic engineering departments at Norfolk State University, and as Technical Manager and Distinguished Member of Technical Staff at Bell Laboratories of Lucent Technologies. He has authored numerous publications and has been awarded 9 U.S. patents. He is an industry-recognized expert in luminescent materials and the fabrication of optical waveguides. He is the co-inventor of high bandwidth multimode optical fibers used in today's Fiber-To-The-X (FTTX) applications such as FiOS cable television and Fiber-to-the-Home. His work led to the IEEE standards for 10G multimode optical fiber as well as the lasers and detectors employed in these systems. Dr. Jones received his B.S. in Ceramic Engineering (now Materials Science and Engineering) from Clemson University and his Ph.D. in Materials Science and Engineering from the University of Florida.

Joydip "JD" Kundu is the Deputy Division Director for Information and Intelligent Systems in the Directorate for Computer and Information Science and Engineering. He has also served as Acting Deputy Division Director for NSF's National Center for Science and Engineering Statistics. Before joining NSF, JD was a Program Examiner at the Office of Management and Budget. Over his years at OMB he covered NSF; various NASA programs; the Department of Energy's Science and ARPA-E programs; and other programs. Before his time at OMB, JD was a Research Associate investigating theoretical physics at the University of Maryland. He received an A.B. in physics and mathematics from Harvard University, and a Ph.D. in physics from the Massachusetts Institute of Technology.

James Olds is currently Assistant Director for Biological Sciences at the National Science Foundation. Dr. Olds is concurrently the Shelley Krasnow University Professor of molecular neuroscience. He is also editor-in-chief of The Biological Bulletin published by the Marine Biological Laboratory in Woods Hole.

Prior to his appointment at NSF, Dr. Olds spent 16 years as Chief Academic Unit Officer and Director of George Mason's Krasnow Institute for Advanced Study. Dr. Olds has served on numerous private and public boards and has played a central role in scientific public policy development at all levels, ranging from the White House to advising heads of ministries internationally. He spent eight years as chair of Sandia National Laboratory's External Cognitive Science Board. In the non-profit world, Dr. Olds was treasurer of Americans for Medical Progress. He has also served as a Virginia State Commissioner, appointed by Virginia Governors of both political parties.

Prior to taking the leadership role at Krasnow, Dr. Olds led one of the oldest and most prestigious scientific societies, The American Association of Anatomists as CEO. Dr. Olds received his undergraduate degree in chemistry from Amherst College and his doctorate in neuroscience from the University of Michigan in Ann Arbor. His postdoctoral research at the National Institutes of Health led to fundamental advances in understanding the molecular basis of learning and memory, for which he was awarded the NIH Merit Award in 1993.

David Verardo joined NSF in October 2000, where he has led the Paleoclimate Program, served as the Head of the Atmosphere Section in the Division of Atmospheric and Geospace Sciences, and has been involved in a number of cross-divisional and cross-directorate research activities at the NSF including, most recently, the annual competition in Paleo Perspectives on Climate Change (P2C2). Dr. Verardo has also served in the NSF Office of Equal Opportunity Programs (OEOP). In 2008, Dr. Verardo received the NSF Director's Award for Collaborative Integration.

Dr. Verardo joined the NSF after serving as deputy to Dr. Robert Watson, Chair of the United Nations Intergovernmental Panel on Climate Change (IPCC), for the Special Report on Land Use, Land Use Change, and Forestry. Dr. Verardo also served as a Congressional Science Fellow in the Office of U.S. Senator Ron Wyden of Oregon working on science-based carbon sequestration strategies and nuclear waste contamination and disposal issues. The fellowship was organized by the American Association for the Advancement of Science (AAAS) and sponsored by from the Geological Society of America (GSA) and the U.S. Geological Survey (USGS). Dr. Verardo has served on the faculties of the University of Virginia, Long Island University, and Hofstra University as well as the technical staff of the Lamont Doherty Earth Observatory of Columbia University. He served six years in the U.S. Coast Guard as a Boatswains Mate Third Class and Coxswain in charge of search and rescue vessels.

Dr. Verardo holds a Ph.D. in Earth and Environmental Sciences from the Graduate School and University Center of the City University of New York, J.D. from Concord Law School, and B.A. in Geology from C.W. Post College of Long Island University.