



## CASC Spring 2017 Meeting

Westin Alexandria Hotel  
March 22-24, 2017

### CASC Officers

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Chair	<b>Dr. Rajendra Bose</b> Director, Research Computing, Columbia University	<a href="mailto:rb2568@columbia.edu">rb2568@columbia.edu</a>
Vice-Chair	<b>Dr. Sharon Broude Geva</b> Director of Advanced Research Computing, University of Michigan	<a href="mailto:sgeva@umich.edu">sgeva@umich.edu</a>
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Past Chair	<b>Dr. Curtis Hillegas</b> Associate CIO, Research Computing, Princeton University	<a href="mailto:curt@princeton.edu">curt@princeton.edu</a>

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### Speakers

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#### Michael Warfe

Assistant Director, ITS Research Director, Case Western Reserve University, [jmw22@case.edu](mailto:jmw22@case.edu)

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#### Dr. Patrick Viscuso

National Archives and Records Administration

Dr. Patrick Viscuso has over twenty-five years of experience working at all levels of government security, oversight, and policy organizations. He has served with the Defense Investigative Service, a component of the Department of Defense, currently known as the Defense Security Service (DSS); the Defense Industrial Security Program (DISP); Director of National Intelligence Special Security Center, which merged with the National Counterintelligence and Security Center.

In October of 2005, Dr. Viscuso joined the staff of the Information Security Oversight Office (ISOO) and currently serves as the Associate Director, Controlled Unclassified Information (CUI). ISOO is established in the National Archives, and is charged with national level policy and executive branch-wide oversight for national programs. ISOO exercises Executive Agent responsibilities and is accountable to the President for oversight and implementation of the CUI Program. As Associate Director, Dr. Viscuso manages all aspects of the Program's implementation that affects all unclassified information required to be controlled by the 153



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entities of the Executive branch.

Dr. Viscuso is a 1978 graduate of the Edmund A. Walsh School of Foreign Service. He holds a Master of Divinity from Holy Cross Greek Orthodox School of Theology in Brookline, Massachusetts (1981), and a Doctorate in Historical Theology from The Catholic University of America, Washington, DC (1989).

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### **Dr. Eric A. Stahlberg**

Director – HPC Strategic Initiative, Frederick National Laboratory for Cancer Research (FNLCR)

Dr. Stahlberg currently leads the HPC initiative efforts in Frederick National Laboratory for the National Cancer Institute Center for Biomedical Informatics and Information Technology (CBIT). In this role, Dr. Stahlberg has been working since 2014 with DOE and NCI colleagues to develop the Joint Design for Advanced Computing Solutions for Cancer collaboration between the National Cancer Institute and the US Department of Energy, piloting opportunities for extreme-scale computing in cancer applications. Dr. Stahlberg also provides guidance and leadership for several computing initiatives within NCI including the ATOM collaboration, building HPC support services, and piloting data services.

Previously he led the growth of the undergraduate computational science program at Wittenberg University, and led efforts to establish a life science computational infrastructure at the Ohio Supercomputer Center. His education includes undergraduate majors in Computer Science, Chemistry and Mathematics from Wartburg College, a Ph.D. in Chemistry from the Ohio State University and a post-doctoral appointment at Argonne National Laboratory.

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### **Dr. Jim Kurose**

Assistant Director, Directorate for Computer and Information Science and Engineering (CISE), National Science Foundation (NSF)

Dr. Jim Kurose is an Assistant Director of the National Science Foundation (NSF), where he leads the Directorate for Computer and Information Science and Engineering (CISE). With an annual budget of more than \$900 million, CISE's mission is to uphold the nation's leadership in scientific discovery and engineering innovation through its support of fundamental research in computer and information science and engineering and transformative advances in cyberinfrastructure. Dr. Kurose is on leave from the University of Massachusetts, Amherst, where he is a Distinguished Professor in the College of Information and Computer Sciences.

Dr. Kurose received his Ph.D. in computer science from Columbia University and a BA degree in physics from Wesleyan University. He is a Fellow of the Association for Computing Machinery (ACM) and the Institute of Electrical and Electronic Engineers (IEEE).

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### **Amy Pienta**

Amy Mehraban Pienta is Acquisitions Director at ICPSR at the University of Michigan. In addition to directing acquisitions, she is the PI of the National Addiction and HIV Data Archive Program (NAHDAP), funded by NIDA; the National Archive of Data on Arts and Culture (NADAC), funded by the National Endowment for the Arts; and the Archive of Data on Disability to Enhance Policy and research (ADDEP), funded by NIH.



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### **Laurie Allen**

Laurie Allen is a librarian at the University of Pennsylvania Libraries, where she leads a group working to expand the capacity of faculty and students at Penn to create and share scholarship in new forms. Members of the Digital Scholarship group engage in data management and curation, mapping, digital humanities, and open access publishing.

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### **Dr. Gerald "Stinger" Guala**

Gerald "Stinger" Guala is the Branch Chief for Eco-Science Synthesis in the Core Science Analytics and Synthesis Program of the Core Science Systems Mission Area of the United States Geological Survey.

His duties include directing and serving as GBIF Head of Delegation for the Integrated Taxonomic Information System (ITIS - [www.itis.gov](http://www.itis.gov)), which is the Federal standard for the names of biological organisms.

He is also Director of Biodiversity Information Serving Our Nation (BISON - [bison.usgs.gov](http://bison.usgs.gov)), the Federal clearinghouse for species occurrence data with more than 375 million records currently and the primary US Node application for the Global Biodiversity Information Facility.

Guala holds a B.S. in botany from Michigan State University and an M.S. and Ph.D. in botany from the University of Florida. He previously worked for USDA and NSF and has served on numerous Federal and international committees dealing with biodiversity and informatics.

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### **David Swanson**

Director, Holland Computing Center, University of Nebraska, [dswanson@cse.unl.edu](mailto:dswanson@cse.unl.edu)

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### **Dr. William Miller**

William (Bill) Miller is the Science Advisor for the Office of Advanced Cyberinfrastructure (OAC) at the National Science Foundation (formerly the Division of Advanced Cyberinfrastructure, ACI). Bill leads a number of efforts to foster science-CI partnerships in areas of emerging need such as in Understanding the Brain and for NSF large science facilities and platforms. He has a professional background in engineering and in fundamental research, both careers having been conducted in the U.S. and internationally.

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### **Patrick Schmitz**

Associate Director of Research IT, University of California, Berkeley, [pschmitz@berkeley.edu](mailto:pschmitz@berkeley.edu)

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### **Dr. Jackie Milhans**

Manager, Computing and Data Support Services, Research Computing Services, Northwestern University, [milhans@northwestern.edu](mailto:milhans@northwestern.edu)

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### **Dr. Srividhya Venkataraman**

Srividhya Venkataraman is a hardware engineer and is a design lead of high tech industry's microprocessors design team. She has worked in the high tech computing hardware industry for 17 years in various aspects of processor design as technical and managerial lead. She is currently a Principal Member of Technical Staff and is working on the next generation of microprocessors.

She is part of the Society for Women Engineers (SWE) and is an avid supporter of diversity and inclusion in the work space.

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### **Dr. Victor McCrary**

Vice President for Research and Economic Development, Morgan State University, Baltimore, MD

National Science Board, Member

Dr. McCrary is "the agent of change" for developing a comprehensive research strategy for the University which includes: fostering cross disciplinary research, expanding the current base of research programs via external partnerships, increasing the University's intellectual property portfolio, and positioning Morgan State University as a catalyst for economic growth and vitality for Baltimore and the State of Maryland.

Before joining Morgan State University, Dr. McCrary held the position as the Business Area Executive for Science & Technology at the Johns Hopkins University Applied Physics Laboratory (APL); Division Chief at the National Institute of Standards & Technology (NIST).

Dr. McCrary received his bachelor's degree in chemistry from The Catholic University of America; his doctoral degree from Howard University in physical chemistry. He was a post-doctoral staff member at AT&T Bell Laboratories, Murray Hill, and then a permanent Member of Technical Staff. He received an Executive Master of Science & Engineering from the University of Pennsylvania.

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### **Dr. Henry Neeman**

Assistant Vice President, Information Technology, University of Oklahoma), [hneeman@ou.edu](mailto:hneeman@ou.edu)

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### **Dr. Susan Winter**

Dr. Winter is Lecturer, Associate Dean for Research & Co-Director of The Center for Advanced Study of Communities and Information (CASCI) at the University of Maryland. Dr. Winter was previously a Science Advisor in the Directorate for Social Behavioral and Economic Sciences, a Program Director, and Acting Deputy Director of the Office of Cyberinfrastructure at the National Science Foundation supporting distributed, interdisciplinary scientific collaboration for complex data-driven and computational science.

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### **Dr. Thomas Hauser**

University of Colorado, Boulder, Director of Research Computing, [Thomas.Hauser@colorado.edu](mailto:Thomas.Hauser@colorado.edu)

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### **Nancy Wilkens-Diehr**

Nancy Wilkins-Diehr is Associate Director at SDSC and co-director of XSEDE's Extended Collaborative Support program. She has been involved in science gateways and their interfaces to high-performance computing since 2005. Nancy received her Bachelor's degree from Boston College in Mathematics and Philosophy and her Master's degree in Aerospace Engineering from San Diego State University. She has been with SDSC since 1993.

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### **Dr. Jim Basney**

Dr. Basney is a senior research scientist in the cybersecurity group at the National Center for Supercomputing Applications at the University of Illinois at Urbana-Champaign. His area of expertise is identity management for scientific collaborations. He is PI of the CILogon project and co-PI of the Center for Trustworthy Scientific Cyberinfrastructure and the Software Assurance Marketplace. Jim also contributes to the LIGO, LSST, and XSEDE projects. Jim received his PhD in computer sciences from the University of Wisconsin-Madison.

[jbasney@illinois.edu](mailto:jbasney@illinois.edu)

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### **Matt Link**

Associate Vice President (Acting) of Research Technologies for the Pervasive Technology Institute in the Office of the Vice President for Information Technology, Indiana University, [mrlink@iu.edu](mailto:mrlink@iu.edu)

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### **Dr. Dahlia Sokolov**

Democratic Staff Director, Research and Technology Subcommittee, House Committee on Science, Space, and Technology.

Dr. Sokolov advises Committee Members on oversight and legislative issues regarding the National Science Foundation; the National Institute of Standards and Technology; interagency R&D initiatives, including the National Nanotechnology and Information Technology Programs; STEM education across the Federal Government; international S&T cooperation; Federal policies for university research; all matters relating to competitiveness, technology, standards, and innovation; and R&D at the Departments of Transportation and Homeland Security. She has also worked on energy issues, including nuclear energy R&D.

She originally joined the Committee staff as an American Institute of Physics Congressional Fellow in 2004, and joined the professional staff in 2005. She previously served under the leadership of former Chairmen Boehlert and Gordon, and is now serving under the leadership of Ranking Member Eddie Bernice Johnson.

Before coming to Congress, Dr. Sokolov completed a Postdoctoral Research Fellowship at the National Cancer Institute. She has a Ph.D. in Bioengineering from the University of Washington and a B.S. in Engineering Physics from the University of California at Berkeley.

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