



# **45<sup>th</sup> Anniversary & Reunion LEADERSHIP WORKSHOP**

**DECEMBER 1-4, 2018  
WASHINGTON, DC**

**SPEAKER  
BIOGRAPHIES**



## ELLEN BERGFELD

*Chief Executive Officer, ASA, CSSA, SSSA and ACSESS*

Dr. Ellen Bergfeld is the Chief Executive Officer of the American Society of Agronomy (ASA), Crop Science Society of America (CSSA), Soil Science Society of America (SSSA), and the Alliance of Crop, Soil and Environmental Science Societies, (ACSESS), headquartered in Madison, WI. ASA, CSSA and SSSA combined have more than 25,000 members and certified professionals serving the agronomic, crop and soil science disciplines. ACSESS serves as the support organization carrying out the day to day work on behalf of scientific societies in the agricultural and natural resources arena. Key activities of the Societies include publishing (Digital Library: 20 peer reviewed journals, >350 books and magazines), annual meetings and specialized conferences, certification, education, science policy and science communications and the societies collectively have an annual budget of >\$12M.

Prior to joining ASA, CSSA, and SSSA, Bergfeld served as Executive Director of the American Society of Animal Science.

Bergfeld received her B.S. degree in Animal Science from the Ohio State University and M.S. and Ph.D. degrees from the University of Nebraska-Lincoln. Post-graduation, she was awarded the Federation of Animal Societies of Food Animal Science Congressional Science Fellowship and worked for Senator Kent Conrad (D-ND).



## PAUL BERTSCH

*Deputy Director- Science of the new Land and Water Business Unit at CSIRO*

Dr Bertsch leads a diverse team of approximately 650 scientists and technical specialists from across CSIRO with a focus on building enduring partnerships with industry, government, and other research providers to generate the science which underpins sound stewardship of land and water resources, ecosystems, and the built environment.

Dr. Bertsch has championed inter- and transdisciplinary research approaches that integrate land, water, ecosystems, cities, social and economic sciences, environmental contamination and toxicology, earth observation, and climate adaptation to address the grand challenges facing Australia and the global community.

Prior to joining CSIRO in 2013, Paul was the Director of the Tracy Farmer Institute for Sustainability and the Environment and Professor of Environmental Chemistry and Toxicology, University of Kentucky, Lexington. He is former Director of the Savannah River Ecology Laboratory of the University of Georgia and the Georgia Power Professor of Environmental Chemistry Emeritus at the University of Georgia, Athens.

With 30 years of experience in the fields of soil science, environmental geochemistry, environmental toxicology and hydrobiogeochemistry, his research has focused on the fate and transport of metal, metalloid, radionuclide, and organic contaminants, the biogeochemistry of natural organic matter, iron, and aluminium in aquatic and terrestrial environments, and the chemical speciation and eco- and genotoxicology of metals, metalloids, and manufactured nanomaterials in terrestrial ecosystems.

Paul has authored or co-authored more than 300 scientific and technical publications and is an elected fellow of the American Association for the Advancement of Science (AAAS), the American Society of Agronomy (ASA), the Soil Science Society of America (SSSA), and the International Union of Pure and Applied Chemistry (IUPAC). He is also a lifetime National Associate of the United States' National Academy of Sciences (NAS).



## **WILLIAM F. CARROLL**

*Carroll Applied Science, LLC & University of Indiana, Dept. of Chemistry*

Dr. William F. Carroll, Jr. holds a Ph.D. in Organic Chemistry from Indiana University, Bloomington, IN, an M.S. from Tulane University in New Orleans, and a B.A. in chemistry and physics from DePauw University in Greencastle, IN. He retired from Occidental Chemical Corporation in 2015 after 37 years and now heads his own company, Carroll Applied Science, LLC. He is also Adjunct Professor of Chemistry at Indiana.

Bill has served as President and as Chair of the Board of Directors of the American Chemical Society, one of four living members to hold both offices. He is a Fellow of ACS as well as the American Association for the Advancement of Science and the Royal Society of Chemistry. In 2009 he

was chair of the Council of Scientific Society Presidents.

Bill has received Distinguished Alumni Awards from both Indiana and DePauw, and numerous ACS division and local section awards. He holds two patents, and has over seventy-five publications in the fields of organic electrochemistry, polymer chemistry, combustion chemistry, incineration and plastics recycling—and has published two books on popular music history.



## **ALBERTO CONTI, PHD**

*Director for New Business and Innovative Solutions, Civil Space Ball Aerospace*

Dr. Alberto Conti is director for New Business and Innovative Solutions of the Civil Space strategic business unit. He is responsible for managing new business activities for NASA, NOAA and other civilian U.S. government agencies as well as for academia and other science organizations. Dr. Conti joined Ball in September 2018.

Previously, Dr. Conti he served as the innovation manager for civil space at Northrop Grumman. He also served as the James Webb Space Telescope (JWST) innovation scientist at the Space Telescope Science Institute, the current science operation center for the Hubble Space Telescope, and the future science and mission operation center for JWST. He served as the Hubble Space Telescope chief engineer for Data Management, the Development manager for the Community Missions Office, and the project manager for the data archive of the Galaxy Evolution Explorer space mission.

He has been a leader in developing data mining tools for the worldwide astronomical community. He has also been an early proponent of the use of modern data mining and visualization techniques across the astronomical community. Many will recognize him as the co-creator of the GoogleSky concept and a team member of Microsoft's Worldwide Telescope. Dr. Conti holds a M.S. from the University of Trieste, and a Ph.D. from the Ohio State University.



## STEPHANIE DIMENT

*Director of Publishing Development, Wiley*

Stephanie has held a number of positions in scholarly publishing: currently she is Director of Publishing Development in the US for Wiley, but previously held positions at Nature (Publisher of Nature Life Science titles), and Biomed Central (Editorial Director, Life Sciences). Stephanie's mission is to help Wiley navigate the transition towards Open Research, while working with fellow stakeholders to deliver a sustainable publishing future.

Prior to her career in publishing, Stephanie was an Assistant Professor of Pathology at New York University School of Medicine. She holds a PhD in biochemistry from the University of Toronto (1999).



## JOHN A. DOWNING

*Director and Professor, Minnesota Sea Grant College Program and Dept. of Biology Swenson College of Science and Engineering*

John Downing is Director of Minnesota Sea Grant College Program, and a past-president of the Association for the Sciences of Limnology and Oceanography (ASLO). As a past Chair of the CSSP Executive Board he participated in visits to Congress on behalf of CSSP and as a member of the Consortium of Aquatic Science Societies. He was a Regent's Excellence Professor of Ecology, Evolution, and Organismal Biology, and the Department of Agricultural and Biosystems Engineering at Iowa State University. He is Chair of the Environmental Science Graduate Program. He

is also an adjunct professor at Itasca Community College where he is helping create a water quality technology program to provide employment opportunities to students in an economically depressed region. His research interests include limnology, aquatic ecology, terrestrial ecology, microbial ecology, biogeochemistry, population conservation, and whole ecosystem restoration and management. He has advised many policy-makers and citizens groups concerning water resources, global change, and global carbon cycling as well as science policy, and science education, and is a frequent consultant to firms and boards regionally, nationally, and internationally. He was formerly a professor at McGill University and the University of Montreal where he was Director of the Laurentian Biological Station and Chair of the Natural Sciences and Engineering Research Council panel on Environment, Evolution & Ecology.



## KENNETH (KENNY) GIBBS

*Director of the Postdoctoral Research Associate Training (PRAT) Program at the National Institute of General Medical Sciences (NIGMS).*

Kenneth (Kenny) Gibbs, Jr., Ph.D., is Director of the Postdoctoral Research Associate Training (PRAT) Program at the National Institute of General Medical Sciences (NIGMS). At NIGMS, he also is a Program Director in the Divisions of Training, Workforce Development and Diversity, and Genetics & Molecular, Cellular, and Developmental Biology where leads and administers federal programs that train the next generation of scientists, broaden participation in the research workforce, and promote basic research. Prior to joining NIGMS, Dr. Gibbs was a Cancer Prevention Fellow at the National Cancer Institute, and an AAAS Science & Technology Policy Fellow at the National Science Foundation (NSF) in the Directorate for Education and Human Resources (EHR).

Dr. Gibbs completed his Ph.D. in the Immunology program at Stanford University, and received his B.S. in biochemistry & molecular biology (summa cum laude) from the University of Maryland, Baltimore County where he was a Meyerhoff, MARC, and HHMI scholar. Dr. Gibbs has previously served on the committee for the National Academies of Sciences, Engineering and Medicine's consensus report "Graduate STEM Education for the 21st Century," on the Board of Directors for the National Postdoctoral Association and he has written about scientific training and diversity issues for Science Careers, and Scientific American.



## DAVID J. HELFAND

*Columbia University, Chair, Department of Astronomy*

David J. Helfand, a faculty member at Columbia University for forty-one years, has served nearly half of that time as Chair of the Department of Astronomy. He is the author of nearly 200 scientific publications and has mentored 22 PhD students, but most of his pedagogical efforts have been aimed at teaching science to non-science majors. He instituted the first change in Columbia's Core Curriculum in 50 years by introducing science to all first-year students. In 2005, he joined an effort to create Canada's first independent, non-profit, secular university, Quest University Canada where served as President & Vice-Chancellor from 2008-2015. He also recently completed a four-year term as President of the American Astronomical Society. His first book, "A Survival Guide to the Misinformation Age" appeared last year.



## RUSH D. HOLT

*CEO, AAAS and Executive Publisher Science Journals*

Rush D. Holt, Ph.D., became the 18th chief executive officer of the American Association for the Advancement of Science (AAAS) and executive publisher of the Science family of journals in February 2015. In this role, Holt leads the world's largest multi-disciplinary scientific and engineering society. Over his career, Dr. Holt has held positions as a teacher, scientist, administrator, and policymaker. From 1987 to 1998, Holt was assistant director of the Princeton Plasma Physics Laboratory (PPPL), a Department of Energy national lab, which is the largest research facility of Princeton University and one of the largest alternative energy research facilities in the country. Holt then served for 16 years as a member of the U.S. House of Representatives, representing New Jersey's 12th Congressional District. Holt is a Phi Beta Kappa graduate of Carleton College and holds M.A. and Ph.D. degrees in physics from New York University.



## ADAM HUFTALEN

*RELX Group, Senior Manager of Federal Government Affairs*

Adam Huftalen serves as RELX Group's Senior Manager of Federal Government Affairs with a focus on the organization's publishing and healthcare policy strategies. Prior to joining RELX Group, Mr. Huftalen was a staff member for the U.S. House of Representatives Committee on Foreign Affairs under the late Chairman Tom Lantos. Between his time on Capitol Hill and RELX Group, he served a variety of policy-focused clients in the healthcare and foreign policy arenas at a boutique consultancy. Mr. Huftalen holds a Master of Science in Health & Medical Policy from George Mason University in Fairfax, Virginia and a Bachelor of Arts in Communications/Public Relations from Marist College in Poughkeepsie, New York.



## RODERICK J. MCDAVIS

*Managing Principal of AGB Search*

Dr. Roderick J. McDavis became the Managing Principal of AGB Search on March 1, 2017 after serving as president of Ohio University for 13 years. Dr. McDavis is responsible for leading and managing Executive Search, Interim Search, and Compensation Evaluation Service for AGB Search, including as an executive search consultant for some of the firm's searches. He is also responsible for developing new business opportunities and attending national higher education conferences to represent AGB Search.

He recently assisted Suffolk University (MA), Boise State University (ID),

and Seminole State College (FL) select Presidents, and conducted provost searches at the University of Montana (MT) and St. John's University (NY).

As the first African American president of Ohio University, he was only the second alumnus to lead the university during its 214-year history. A tireless ambassador for the university, Dr. McDavis helped develop the state of Ohio's technology commercialization implementation plan, the state's first guaranteed tuition plan – the Ohio Guarantee™ – and the first-of-its-kind performance-based funding model in the nation. He served as a co-chair of the Ohio Higher Education Funding Commission 2.0 and was instrumental in the success of The Promise Lives Campaign, growing funding in support of students and programs

During his tenure at OU McDavis started The Urban Scholar and Appalachian Scholar programs, The Interlink Alliance partnership, the Century Bond Debt Management Strategy, the Ohio Innovation Fund, the expansion of the Heritage College of Osteopathic Medicine to new campuses in Dublin and Cleveland, and Ohio University's commitment to carbon neutrality.

Recipient of numerous prestigious honors and awards McDavis has received the Alumnus of the Year and Diversity and Inclusion Medal of Excellence both from OU in 2016. The same year he was named Business Person of the Year by the Dublin Chamber of Commerce. In 2012 he received the University of Arkansas' Silas Hunt Legacy Award, was inducted into the Association of Ohio Commodores in 2010, and was one of only six presidents and CEO-level leaders in Ohio to be recognized with a Leadership Ohio Award of Excellence in 2007.

Dr. McDavis earned his B.S. degree in social sciences in secondary education from Ohio University, his M.S. degree in student personnel administration from the University of Dayton, and his Ph.D. in counselor education from the University of Toledo.



## ALLEN MOORE

*Stimpson Center, Senior Advisor*

Allen Moore served as Under Secretary of Commerce for International Trade for President Reagan; Associate Director for Policy and Planning in President Ford's White House; Staff Director of the Senate Committee on Commerce, Science, and Transportation; Policy Director for Senate Majority Leader Bill Frist (R-TN); and Legislative Director for Senator John Danforth (R-MO). In the private sector he was president of the trade association of

America's waste services industry and a partner in two Washington, D.C. boutique consulting firms. While working for Senator Frist during the presidency of George W. Bush, Moore was instrumental in the creation of PEPFAR, the President's Emergency Program for AIDS Relief, America's signature program for fighting HIV/AIDS, TB, and Malaria around the world. Upon retiring from the Senate in 2005, he worked full-time in the field of global health as a consultant to the Bill and Melinda Gates Foundation, the Global Health Council, and the Center for Strategic and International Studies. He taught in the global health program at George Washington University and maintains an affiliation with the Stimpson Center, a Washington think-tank. He has testified several times before Congress and has published numerous articles and opinion pieces. He is a regular on the podcast, "Backroom Politics, the best political talk-show you never heard of." Upon receiving a B.A. in Economics from Pomona College, Moore served in the Peace Corps in the Bolivian Andes and subsequently earned an M.B.A. from Stanford Business School.



## FARSHAD RAJABIPOUR

*Associate Professor of Civil and Environmental Engineering  
Associate Director of CIAMTIS – Region 3 UTC  
The Pennsylvania State University*

Dr. Rajabipour earned a B.Sc. degree from Sharif University of Technology, Tehran, Iran, and M.Sc. and Ph.D. degrees from Purdue University, West Lafayette, IN, all in Civil Engineering. He has 18 years of teaching and research experience in support of sustainable civil infrastructures that are safe, durable, reliable, cost effective, and environmentally positive.

Specifically, he performs research on concrete durability and life extension, unconventional pozzolans, alternative and recycled cements, bridge preservation and asset management, and automated construction using additive manufacturing. He has authored over 100 papers and technical reports that have been cited more than 1,800 times to date. He is a fellow of the American Concrete Institute (ACI) and an Associate Editor of the American Society of Civil Engineers (ASCE) Journal of Materials. He is the recipient of the National Science Foundation's CAREER award, ACI Wason Medal, and the Bryant Mather Award from the Transportation Research Board. At Penn State, and in addition to his faculty position, he is the Associate Director for USDOT's Center for Integrated Asset Management of Multi-modal Transportation Infrastructure Systems (CIAMTIS).



## JOEL SACHS

*The Sachs Group*

Joel Sachs has led innovative marketing and sales programs for over 25 years – at large to small, late-staged to early-staged companies and non-profits as either a consultant or marketing/sales executive. He was an early innovator in shifting organizations from traditional feature-focused push-marketing (all about the technology) to user-oriented pull-marketing (all about engaging on user issues). He recasts growth obstacles into expansion opportunities and focuses on created conversations that

explore how users interpret website content, marketing collateral, and collaborative interactions to achieve outstanding growth outcomes.

Through the use of special tools and methodologies, such as, needs vs. wants vs. time assessment, user interaction mapping, and ears of the user analysis, Joel enables organizations to gain unique perspectives on members, member engagement behaviors, and society relationships that make fund-raising planning and execution highly effective, including empowering supporters with their individual fund-raising efforts and grant program /campaigns. He has helped hardware, software, and service organizations leverage the user perspective to best position their offerings and themselves to accelerate engagement and growth.

Mr. Sachs served as CMO for Riptech and Exponential Storage and as SVP of Marketing and Sales at Arca, Syndata, and Intellitactics. He gained extensive management and technical experience working for Digital Equipment, GTE, Intermetrics, and MITRE as well as serving on the board of several non-profits. He is a graduate of Loyola (BA Math & Comp Sci) and Penn State (MA Math & MS Comp Sci). In addition, he was a CAES Fellow at MIT (Risk & Decision Analysis) and studied Business Process Re-engineering and Technology Adoption at Carnegie Mellon.



## PAMELA SILVER

*Elliot T and Onie H Adams Professor of Biochemistry and Systems Biology at Harvard Medical School*

Dr. Pamela Silver received her BS in Chemistry and PhD in Biochemistry from the University of California where she was an NIH Pre-doctoral Fellow. She was a Postdoctoral Fellow at Harvard University in the Dept of Biochemistry and Molecular Biology where she was a Fellow of the American Cancer Society and The Medical Foundation. Subsequently, Pam was an Assistant Professor in the Dept of Molecular Biology at Princeton University where she was an Established Investigator of the American Heart Association, a Research Scholar of the March of Dimes and was awarded an NSF Presidential Young Investigator Award. Pam moved to the Dana Farber Cancer Institute where she was a Professor in the Dept of Biological Chemistry and Molecular Pharmacology at Harvard Medical School. She was named a Claudia Adams Barr Investigator and awarded the Mentoring Award for the PhD Program in Biological and Biomedical Sciences at Harvard Medical School.

In 2009, Dr. Silver became a full member of the Wyss Institute of Biologically Inspired Engineering. She is one of the first members of the Department of Systems Biology (since 2004) and the first Director of the Harvard University Graduate Program in Systems Biology.

Her work was recognized by an Innovation Award at BIO2007 and has been funded by grants from the NIH, DARP, DOD, DOE, NSF, Novartis, Merck and The Keck Foundation. Pam was awarded an NIH MERIT award and became a Fellow of the Radcliffe Institute. Pam has served on numerous government and private advisory panels including the NIH Pioneer and Innovator Award Committees, the NAS/NRC Study on Network Science, the OSD/NA Biodefense Workshop, the Jane Coffin Childs Memorial Fund, the Novartis Oncology Program, the Swiss National Science Foundation and the Paul Glenn Institute for Aging Research. She has served on numerous editorial boards including Nature Molecular Systems Biology, BMC Systems Biology, Genes and Development, Synthetic Biology and PLoS One. She was the Editor of Molecular Biology of the Cell and has served on the Council of the American Society for Cell Biology and on the ASCB Committee for Women in Cell Biology.

In her free time, Pam enjoys sailboat racing and running – Pam has competed in several Boston Marathons and races a Viper 640 throughout the East Coast.



## PATRICIA SIMMONS

*Science & Technology Policy Fellow, AAAS (2016-2018)*

Patricia Simmons recently concluded a Science & Technology Policy Fellowship at the American Association for the Advancement of Science, working in the Engineering Directorate at the National Science Foundation. Her academic positions have included Professor and Head of the Department of STEM Education at North Carolina State University, the Orthwein Professorship of Life-long Learning in the Sciences at the University of Missouri-St. Louis, Professor

at the University of Georgia, and High School Science Teacher in Missouri. Much of her scholarship has focused on the role of technology as viable and valuable learning and research tools in science education, and more recently on policy in science and in STEM education. Her professional contributions include more than 200 publications and presentations at international and national meetings in science and STEM education (i.e., World Conference on Computers in Education, International Federation for Information Processing, Australian Science Education Association, AAAS, NARST, AERA, NCTM, Taiwanese K-9 Science Education Conference, International Institut for die Pedagogie der Naturwissenschaften, Siemens Foundation Panel on Eliminating Disparity/Encouraging Diversity in STEM, National Forum on Education, STEM Education Roundtable on the Role for Higher Education, Association for Information Technologies, Journal of Research in Science Teaching, Science Education, The Science Teacher). Simmons was awarded over \$50 million in externally funded federal and private grants for research, teacher education, and education projects. Simmons has served as Chair of the Council of Scientific Society Presidents, President of the National Science Teachers Association, and President of the Association for Science Teacher Education. She received awards for excellence in teaching and in science education at UGA (Lily Teaching Fellowship), UMSL (Outstanding Faculty), ASTE (Outstanding Science Teacher Educator), and NSTA (two Gustav Ohaus Awards for Outstanding College Science Teaching), and the NSTA Distinguished Service to Science Education.



## BARBARA SIMONS

*Board Chair, Verified Voting*

Barbara Simons is a former President of the Association for Computing Machinery (ACM), the nation's largest educational and scientific computing society. She is the only woman to have received the Distinguished Engineering Alumni Award from the College of Engineering of U.C. Berkeley, where she earned her Ph.D. in computer science. A fellow of ACM and of the American Association for the Advancement of Science, she also received the Computing Research

Association Distinguished Service Award and the Electronic Frontier Foundation Pioneer Award. An expert on electronic voting, she published *Broken Ballots: Will Your Vote Count?*, a book on voting machines co-authored with Douglas Jones. She has been on the Board of Advisors of the U.S. Election Assistance Commission since 2008, and she co-authored the report that led to the cancellation of Department of Defense's Internet voting project (SERVE) in 2004 because of security concerns. She was a member of the National Workshop on Internet Voting, convened by President Clinton, that conducted one of the first studies of Internet Voting and produced a report in 2001. She co-authored the July 2015 report of the U.S. Vote Foundation entitled *The Future of Voting: End-to-End Verifiable Internet Voting*. She is retired from IBM Research.



## SARAH STATON

*Senior Coordinator for the Global Innovation through Science and Technology (GIST) initiative*

Sarah Staton, Ph.D. serves as the Senior Coordinator for the Global Innovation through Science and Technology (GIST) initiative and Partnerships in the Bureau of Oceans and International Environmental and Scientific Affairs (OES) at the U.S. Department of State. Sarah works to build vibrant science, technology, and innovation entrepreneurial ecosystems in high impact economies around the world powered by public-private partnerships with groups like Amazon, Stanford Technology Ventures Program (STVP), and the Kauffman Foundation. Leveraging these partnerships, GIST has grown to engage over 600,000 network members in over 130 countries since 2011. Sarah is focused on empowering innovators, especially women and underrepresented groups.

Previously, Sarah was a National Research Council (NRC) Post-doctoral Fellow at the U.S. Naval Research Laboratory, where her work on disease detection received the Edison Patent Award. She earned her Ph.D. in bioanalytical chemistry from Arizona State University and has spearheaded multiple international research efforts, including developing new tools to assess Amazonian environmental health during her Fulbright and FLASF Fellowships in Ecuador.



## PATRICK J. STOVER

*Vice Chancellor and Dean for Agriculture and Life Sciences at Texas A&M AgriLife*

Patrick J. Stover, Ph.D. is Vice Chancellor and Dean for Agriculture and Life Sciences at Texas A&M AgriLife. He previously served as the Director of the Division of Nutritional Sciences at Cornell University. He is also Director of the World Health Organization Collaborating Centre on Implementation Research in Nutrition and Global Policy at Cornell University, and Past-President of the American Society for Nutritional Sciences. Dr. Stover's research interests focus on the biochemical, genetic and epigenetic mechanisms that underlie the relationships between folic acid and human pathologies, including neural tube defects and other developmental anomalies, cardiovascular disease and cancer. Specific interests include the regulation of folate-mediated one-carbon metabolism and cellular methylation reactions, molecular basis of the fetal origins hypothesis, development of mouse models to elucidate mechanisms of folate-related pathologies, and nuclear one-carbon metabolism. In 2016, he was elected as a member of the National Academy of Sciences, and in 2014 was elected as a Fellow of the American Association for the Advancement of Science. In 2014, he received the State University of New York Chancellor's Award for Excellence in Scholarship and Creative Activities, and the Osborne and Mendel Award for outstanding recent basic research accomplishments in nutrition from the American Society for Nutrition, and a MERIT award from the National Institute of Diabetes and Digestive and Kidney Diseases. In 1996, he received the Presidential Early Career Award for Scientists and Engineers, the highest honor bestowed by the U.S.

government on outstanding scientists and engineers beginning their independent careers. He has been selected as an Outstanding Educator four times by Cornell Merrill Presidential Scholars. Dr. Stover served two terms on the National Academies of Sciences, Engineering, and Medicine's Food and Nutrition Board (FNB) and he served on the FNB Nutrigenomics Workshop Planning Group. Dr. Stover received his Ph.D. in biochemistry and molecular biophysics from the Medical College of Virginia.



## **DAVID WEINREICH,**

*Director, Public Affairs Americas, International Association of STM Publishers  
Principal, Weinreich Strategic Group*

David Weinreich is founder and CEO of Weinreich Strategic Group, a public affairs consulting firm focusing on science, technology, innovation, and education issues and serves as Director of Public Affairs Americas for the International Association of STM Publishers (STM). His broad experience includes work in Congress and the Executive Branch on nearly every issue considered by the Federal Government, from agriculture to tax policy and from health care to foreign affairs. He has directed policy for several Members of Congress and served as a fellow at the National Science Foundation (NSF). Outside of the government, he held faculty positions in mathematics, taught students in middle and high school, and worked in science education and science policy. He holds a Ph.D. in Mathematics specializing in combinatorics.

In his role as Director of Public Affairs Americas for STM, Dr. Weinreich provides strategic advice, messaging development, political intelligence and lobbying to help publishers communicate their positions and goals to the federal government. He has worked with STM since 2011, first as a government relations consultant to both STM and the Professional and Scholarly Publications Division of the Association of American Publishers (AAP/PSP) and the International Association of Scientific, Technical, and Medical Publishers (STM) and in his current role since 2017. In this role, he has contributed to policy positions leading up to and in response to the 2013 OSTP memo on "Increasing Public Access to the Results of Federally Funded Research" and contributed to the founding of CHORUS.

# Council of Scientific Society Presidents

## 2018 AWARD HONOREES

### **DR. RYAN SHAUN BAKER** will be honored with the **CSSP 2018 AWARD FOR EDUCATIONAL RESEARCH.**

The Educational Research Award recognizes a leader in educational research to improve children's learning and understanding.



As the Director of the Penn Center for Learning Analytics at the University of Pennsylvania, Dr. Baker is known for his role in research addressing human learning. Dr. Baker established the educational data mining and human-computer interactions in the scientific community along with creating the first automated detector of student disengagement. He is a leading pioneer in several fields of learning focused on education in the digital age. Using automated detectors of data, he has made real-time inferences about students' motivational and meta-cognitive behaviors. Dr. Baker's deep understanding of the myriad of complexities of that transition have led to models of basic discoveries about human learning and learners.

### **DR. FRANCE CÓRDOVA** will be given the **CSSP 2018 SUPPORT OF SCIENCE AWARD.**

The Support of Science Award honors an individual who merits recognition for outstanding and dedicated support of U.S. science, free scientific communication, and support of basic research.



As Director of the National Science Foundation, Dr. Córdova is the 14<sup>th</sup> leader of the only government science agency charged with advancing all fields of scientific discovery, technological innovation, and STEM education, Dr. Córdova heads programs and initiatives focused on keeping the U.S. at the forefront of science and engineering. Her scientific accomplishments in research, teaching and policy have been recognized with numerous awards from NASA, the American Academy of Arts and Sciences, the AAAS and the AWIS. Dr. Córdova's career and dedication as a scientist, a higher education leader, and director of the NSF has resulted in national and international impact on our fields, future scientists and engineers, U.S. prosperity, and global leadership in science. Dr. Córdova's leadership in these endeavors

demonstrate her significant contributions to society through science and technology, innovation, and education, and serve as an inspiration to future leaders.

## **DR. STEVEN PINKER will receive the CSSP 2018 CARL SAGAN AWARD.**

The award is given by the society to recognize an individual for outstanding achievement in improving the public understanding and appreciation of science.



Dr. Pinker is Johnstone Family Professor at Harvard University. An experimental psychologist who conducts research in all aspects of language, mind psycholinguistics, and social relations, he focuses on language development in children. Dr. Pinker's research has led to important findings about how children acquire the foundation of their mother tongue through words and grammar, specifically their understanding of the meaning and syntax of language. He is the recipient of numerous acknowledgements for his research, teaching, and books. Recognized as Humanist of The Year, one of *Time Magazine's* 100 Most Influential People in the World Today, and *Foreign Policy's* 100 Global Thinkers, Dr. Pinker has made significant world-wide contributions to the public understanding and appreciation of science. His optimism about current times inspires millions.



The Council of Scientific Society Presidents (CSSP) acknowledges the American Chemical Society for their continued support and collaboration.



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