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Federation of American Societies for Experimental Biology
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Museum of Science, Boston
National Communication Association
National Ground Water Association
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National Science Teachers Association
North Carolina State University
Northern Illinois University
Northwestern University
Ohio State University, The
Optical Society, The
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Pennsylvania State University
Population Association of America/Association of Population Centers
Princeton University
PsysIP Project, The
SAGE Publishing
Seismological Society of America
Society for American Archaeology
Society for Industrial and Applied Mathematics
Society for Industrial and Organizational Psychology (SIOP)
Society for Neuroscience
Society for Research in Child Development
Society for the Psychological Study of Social Issues (SPSSI)
Soil Science Society of America
SPIE
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State University of New York System (SUNY)
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INVESTMENTS IN SCIENTIFIC AND EDUCATIONAL RESEARCH: FUELING AMERICAN INNOVATION



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23RD ANNUAL EXHIBITION AND RECEPTION
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American Association for the Advancement of Science

Preparing the STEM Workforce: The Emerging Researchers in STEM (ERN) Initiative
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American Astronomical Society

Observing the Sun
CLAIRE RAFTERY and VALENTINE MARTINEZ PILLET
National Solar Observatory

American Economic Association

Philanthropy, Volunteerism, and Altruism
JONATHAN MEER
Texas A&M University

American Educational Research Association

Equipping Students to Think About Complex Problems: Using Virtual Reality to Teach About Our Complicated, Dynamic World
TINA GROTZER
Harvard University

American Geosciences Institute/American Geophysical Union/Geological Society of America

Making Mountains: Implications for Earthquake and Volcanic Hazards, Biodiversity, and Petroleum Basin Development
SARAH GEORGE and THOMAS CAPALDI
The University of Texas at Austin, Jackson School of Geosciences

American Mathematical Society

Berry Smart: Mathematics for Food and Water Security
LEA JENKINS and KATHLEEN KAVANAGH
Clemson University and Clarkson University

American Political Science Association

The Comparative Study of Electoral Systems
LIZ ZECHMEISTER and GEORGIA KERNELL
Vanderbilt University and UCLA

American Psychological Association

Online Deception: Psychological Science and Social Media
JEFF HANCOCK
Stanford University

American Society for Engineering Education

Enhancing Instruction and Career Development
MARK MATTHEWS

American Society of Plant Biologists

In Search of the Perfect Tomato
HARRY KLEE
University of Florida

American Sociological Association

Identity Work, Stigma, and Status among Wounded Warriors
SIDRA MONTGOMERY
University of Maryland

American Statistical Association

Machine Learning Solutions to Big Data Problems in Biometrics and Drug Discovery
MARK CULP
West Virginia University

Coalition for Academic Scientific Computation

Fighting Emerging Threats & Fostering Innovation

Computing Research Association

Monitoring Internet of Things Devices on a Home Network
NICK FEAMSTER
Princeton University

Cornell University

The Future of Synchrotron Science

Council on Undergraduate Research

CUR Transformations: An NSF IUSE Project to Develop Research-Intensive STEM Curricula

Ecological Society of America

Biodiversity in River Networks
CHRISTOPHER SWAN
University of Maryland, Baltimore County

Entomological Society of America

IGERT: Genetic Pest Management
FRED GOULD and JOHANNA ELSEN SOHN
North Carolina State University

Federation of American Societies for Experimental Biology

Dynamic Remodeling of Metabolism and Host-Microbial Symbiosis Over the Hibernation Cycle
HANNAH CAREY
University of Wisconsin-Madison

Federation of Associations in Behavioral and Brain Sciences

Neuroscience Discoveries in Reading and Dyslexia
JOANNA CHRISTODOULOU and TYLER PERRACHIONE

Indiana University

Living in the Internet of Things
L. JEAN CAMP

National Communication Association

The Role of Science Communication in the Composition of Energy Policy
DANIELLE ENDRES
University of Utah

North Carolina State University

Development and Improvement of Lightweight Metal Foams
AFSANEH RABIEI

Northwestern University

Shared Autonomy for Human-Machine Systems
TODD MURPHEY

Population Association of America

Connection, Context, Consistency: A Vision for Social Science Cyber-Infrastructure
SANDRA HOFFERTH
University of Maryland

Princeton University

Understanding the Structural Development of Hybrid Organic-Inorganic Perovskites for High Efficiency Thin-Film Solar Cell Applications
LYNN LOO

Society for Industrial and Applied Mathematics (SIAM)

Using Math to Understand the Biological and Physical World: Unlocking Active Matter and Self-assembled Structures
MICHAEL SHELLEY
New York University

Society for Industrial and Organizational Psychology

Male Champions for Gender Inclusive Organizations
KATINA SAWYER
Villanova University

University Corporation for Atmospheric Research (UCAR)

UCAR-NSF-University Community - Together Supporting Earth-Science Innovation for Societal Benefit
RACHEL HAUSER and PHIL BYE

University of Colorado Boulder

Effective Behaviors for Collaborative Robots
DAN SZAFIR

University of Illinois

Enabling Science through Advanced Computing
WILLIAM GROPP
National Center for Supercomputing Applications (NCSA)

University of Michigan/Michigan State University

American National Election Studies/Engineering and Designing Biological Macromolecules
TED BRADER and TIM WHITEHEAD

University of Wisconsin-Madison

Materials Research Science and Engineering Center on Structured Interfaces: Interdisciplinary Collaboration in Research and Education
PAUL G. EVANS

Vanderbilt University

Nanoscale Manufacturing of Next-generation All-Carbon Materials
CARY PINT

