Afterschool Alliance
Relating Research to Practice in STEM Education
Melissa Ballard

American Astronomical Society
Disruptive Technology & Cosmology at 17,000 Feet
Suzanne Staggs and Sara Simon
Princeton University

American Economic Association
Philanthropy, Volunteerism and Altruism
Jonathan Meer
Texas A&M University

American Educational Research Association
Math Snacks: Teaching with Games
Karin Wiburg and Karen Trujillo
New Mexico State University

American Geosciences Institute/American Geophysical Union/ Geological Society of America
Building Coastlines: A Systems Approach to Deltaic Coastal Zones
Dr. David Mohrig, Matthew Hiatt and Anastasia Piliouras
University of Texas at Austin

American Mathematical Society
Mathematical Algorithms for Tsunamis, Space Weather and Plasma Physics
Prof. Katharine Gurski
Howard University

American Political Science Association
American National Election Studies: Understanding the Changing American Electorate
Simon Jackman
Stanford University

American Psychological Association
Videotaping Interviews: Effects on Police, Suspects and Juries
Saul Kassin, PhD
Williams College and John Jay College of Criminal Justice

American Sociological Association
Collaboration in the Chemical Sciences
Laurel Smith-Doerr
University of Massachusetts, Amherst

American Statistical Association
SAMSI: Fostering Research Innovations in Statistics and Mathematics for Data-Centered Science
Richard Smith. Kimberly Kaufeld and Jessi Cisewski
Statistical and Applied Mathematical Sciences Institute

Association of Science-Technology Centers
Center for Advancement of Informal Science Education
Showcasing EHR Grants: "Intersections" and CAISE
Margaret Glass, PhD

Boise State University
Transforming STEM Teaching Culture to Engage the Next Generation
Patricia Pyke, Jana LaRosa and Mark Rudin

Coalition for Academic Scientific Computation
HPC Centers & STEM
Dr. Curt Hillegas and Dr. Rajendra Boz
Princeton University and Columbia University

Computing Research Association
Improved Collaboration with Industrial Robots
Gregory Hager, Kel Guerin and Sebastian Riedel
Johns Hopkins University

Council on Undergraduate Research
NSF IOS BP: Expanding Life Sciences Workforce
Mary Crowe and Elizabeth Ambos
Florida Southern College

Ecological Society of America
Stopping the Next Amphibian Apocalypse
Dr. Karen R. Lips
University of Maryland

Entomological Society of America
Uncovering the secrets of tick biology: Benefits for tick-borne disease control
R. Michael Roe, PhD
North Carolina State University

Federation of Associations in Behavioral & Brain Sciences
Being Smart with Smartphones: Protecting User Privacy with Effective Risk Communication
Robert W. Proctor, PhD
Purdue University

IRIS Consortium
Seismological Facilities for the Advancement of Geoscience and EarthScope
Bob Detrick

Mathematical Association of America
Characteristics of Successful Calculus Programs and PIC Math
Jess Ellis and Linda Braddy
Colorado State University

Michigan State University
Wearable, self-powered biosensors for disease detection and health monitoring
Peter B. Lillehoj and Xiyuan Liu

Museum of Science, Boston
National Center for Technological Literacy
NISENet and Building with Biology
Larry Bell and David Sittenfeld

North Carolina State University
Using Math and Dogs to Improve Disaster Response
Dr. David Roberts

Northwestern University
Structured Nanomaterials with Extraordinary Properties
Teri Odom

The Ohio State University
Building Interactive Data Systems
Dr. Arnab Nandi

Princeton University
Living Matter: how the collective motion of tiny cells can teach us new physics
Joshua W. Shaevitz, PhD

Society for Industrial and Organizational Psychology
Collaborative Research: Designing Teams to Maximize Innovation
Dr. Stephen Zaccaro
George Mason University

Society for Neuroscience
The Brain Basis of Multi-Tasking and Automaticity
Maximilian Riesenhuber, PhD and Clara Scholl, PhD
Georgetown University

Society for Research in Child Development
Supporting Science and Math Learning of Pre-K and Dual Language Learners
Dr. Kimberly Brenneman and Dr. Alissa Lange
National Institute for Early Education Research, Rutgers University

Stevens Institute of Technology
Center for Innovation in Engineering and Science Education
STEM Education Research at Stevens Institute of Technology
Arthur Camins

University of California
Better Living Through Computational Chemistry
Hrant P. Hratchian
University of California, Merced

Empowering Minority Youth Through Mathematics
Julie Bergner
University of California, Riverside

University of Colorado Boulder
A Clearinghouse for Natural Hazards Research Applications
Prof. Kathleen Tierney

University of Illinois
National Center for Supercomputing Applications
NSF Blue Waters
John Melchi and Brett Bode

University of Michigan
Impact of Michigan I-Corps: Elegus Technologies
John Hennessy

West Virginia University
Bio/Nanointerfaces for Clinical and Technological Applications
Dr. Cerasela Zoica Dinu