

Afterschool Alliance

American Association of Physics Teachers

California Institute of Technology Center for Inquiry Coalition for Academic Scientific Computation Coastal and Estuarine Research Federation Columbia University Computing Research Association Consortium for Ocean Leadership Consortium of Social Science Associations Consortium of Universities for the Advancement of Hydrologic Science Cornell University Council of Graduate Schools Council on Food, Agricultural and **Resource Economics** Council on Undergraduate Research Crop Science Society of America DOSECC, Inc. Duke University Earthquake Engineering Research Institute

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National Ecological Observatory Network (NEON) National Postdoctoral Association National Science Teachers Association National Society of Professional Engineers North Carolina State University Northwestern University The Ohio State University Oldaker, Belair & Wittie Optical Society of America Oregon State University Ornithological Council Pennsylvania State University Population Association of America /Association of Population Centers Princeton University Protein Society Purdue University Rensselaer Polytechnic Institute Research!America

Coalition for 18th Annual Exhibition and Reception

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Afterschool Alliance

National Partnerships for After School Science Charlie Hutchison Education Development Center

American Astronomical Society Astronomy's Infrared Eyes Dr. James W. Beletic

Teledyne Imaging Sensors
American Economic Association

Beyond Surveys: Advancing the Frontiers of National Statistics Matthew Shapiro University of Michigan

American Educational

Research Association Integrating Technology-Enhanced Feedback into a Middle School Science Curriculum William Penuel University of Colorado, Boulder

American Geosciences

Institute/Geological Society of America/American Geophysical Union Rapid Response to BP Deepwater Horizon Oil Spill

David Valentine University of California, Santa Barbara

Aftermath of Tohoku Earthquake and Daiichi Nuclear Plant Disaster Gregory Moore and Henrieta Dulaiova University of Hawaii at Manoa

Lessons from Virginia Earthquake Martin Chapman and John Hole Virginia Polytechnic Institute and State University

American Mathematical Society ICERM: Connecting Mathematics and Computing through Experimentation Dr. Jill Pipher and Lauren Barrows Institute for Computational and Experimental

American Psychological Association Social Media and Tweens: Research on Developmental Outcomes Dr. Roy Pea Stanford University

Research in Mathematics (ICERM)

American Statistical

Association Using Statistics to Identify Causes of Diabetes Lily Wang

Consortium for Ocean Leadership

Exploring the Oceans with the Ocean Observations Initiative and Integrated Ocean Drilling Program Kerry Beck and Matthew Wright

CUAHSI: Universities Allied for Water Research

HIS: Internet-based System for Sharing, Discovering and Accessing Water Data for Better Science and Society Jennifer Arrigo and Kayla Berry

DOSECC

Scientific Drilling: The Core of Earth Science Research David Zur

> Ecological Society of America Mitigating Nutrient Pollution in the Agricultural Midwest Sarah Roley University of Notre Dame

Federation of American Societies for Experimental Biology

Developing Tools for Advancing "Big Data" Mining in Circuit Neuroscience: Accelerating Discovery and Innovation Dr. Eduardo Rosa-Molinar University of Puerto Rico, Rio Piedras

Federation of Associations in Behavioral & Brain Sciences Learning to Think Spatially: Improving STEM Education in K-12 and Beyond Dr. Nora S. Newcombe Temple University

Genetics Society of America Nanomaterials and Environmental Interactions Dr. Nancy D. Denslow University of Florida

IRIS Consortium

Facilitating New Discoveries in Seismology Ray Willemann

> Michigan State University Robotic Sensors for Monitoring Water Quality in Lakes Dr. Jongeun Choi, Mahdi Jadaliha and Alex Robinson

> > Museum of Science, Boston National Center for

Princeton University Reconstructing the Response of the Polar Ocean to Past Climate Changes Dr. Daniel M. Sigman

Society for Industrial and Applied Mathematics Mathematics and Climate Research Dr. Hans G. Kaper Georgetown University

Society for Research in Child Development The Role of Families in Motivating Latino Youth to Pursue Science in High School Dr. Sandra Simpkins Arizona State University

Soil Science Society of America Nitrous Oxide Emissions in Different Bioenergy Cropping Systems Andrew McGowan

> University Corporation for Atmospheric Research (UCAR) / National Center for Atmospheric Research (NCAR) From Inspiration to Impact: Solving Weather, Transportation and Safety Challenges Michael Henry and Cindy Schmidt

University of California CREATE: Collaborative Research & Education in Agricultural Technologies and Engineering Karen McDonald and Lucas Arzola University of California, Davis

UC Irvine Innovation in STEM Education Michael McCarthy, Diane O'Dowd and Marc Madou University of California, Irvine

The Diversity Project Paul Barber and Alexis Jackson University of California, Los Angeles

University of Michigan CADRE: A U-M Small Satellite for Exploring the Upper Atmosphere Dr. Aaron Ridley

University of Georgia

Association for Women in Science Is STEM Still Just a Man's World? Research Awards Go Mainly to Men, Despite Growth in Women's Participation Alice Popejoy

Boise State University STEM Central Station and Engineering with DNA Dr. Will Hughes, Patricia Pyke and Barbara Morgan

Coalition for Academic Scientific Computation CASC Members Advancing STEM Curt Hillegas Princeton University

Computing Research Association Rendering Synthetic Objects into Legacy Photos David Forsythe University of Illinois at Urbana Champaign Technological Literacy Nanoscale Informal Science Education Network (NISENet.org) Larry Bell

National Ecological Observatory Network NEON: Enabling Continental-Scale Ecological Forecasting Brian Wee

The Ohio State University Navigating the Critical Junctures: What Works in Broadening Participation of Minorities in STEM Dr. Terrell L. Strayhorn

and Derrick Tillman-Kelly

Vanderbilt University The Promise of Haptics for Teaching Math to the Blind Jenna Gorlewicz