



EXHIBITORS 2018

American Economic Association

Identifying and Removing Barriers to College and Economic Success

BRUCE SACERDOTE
Dartmouth College

American Educational Research Association

Teacher Knowledge of Noticing Appalachian Students' Thinking in Science

MELISSA LUNA
West Virginia University

American Institute for Medical and Biological Engineering

Healing Spine Injuries with Next-Generation Bioengineering Technology

SARIT BHADURI and VIJAY GOEL
University of Toledo

American Mathematical Society

Beyond Coursework: Extending a Successful Model for Building Diversity in STEM to University Campuses

TALEA L. MAYO
University of Central Florida

American Political Science Association

Exploring Trade-offs in Cyber Offense and Defense Through the Lenses of Computer and Political Science

JOSHUA ROVNER
American University

American Psychological Association

Waiting and Worrying: How Uncertainty about the Future Disrupts Physical and Mental Health

KATE SWEENEY
University of California, Riverside

American Society of Plant Biologists

Improving Cotton Production in Texas and the U.S. Using Sequencing and Gene Editing Tools

Z. JEFFREY CHEN
University of Texas at Austin

American Sociological Association

Opioid Distribution on a Darknet Cryptomarket

SCOTT DUXBURY and DANA HAYNIE
Ohio State University

Association of Science-Technology Centers

Resources for Designers and Researchers of Informal STEM Learning Experiences

JAMIE BELL
Center for Advancement of Informal Science Education (CAISE)

Boise State University

Nurturing the Next Generation of Computer Science Professionals

AMIT JAIN

Coalition for Academic Scientific Computation

U.S. Computational and Data Science: Driving Economic Growth and Discovery

NEIL BRIGHT
Georgia Tech

Computing Research Association

Learning Patterns of Interest from Data Heterogeneity

JINGRUI HE
Arizona State University

Cornell University

Cabernet, Copper, Caterpillar & Cement: Using High Energy X-Rays as a Multi-Disciplinary Tool of Discovery

AL KOVALESKI, JU-CHEN CHIA, CHRISTOPHER BUDROW, and SRIRAMYA NAIR
Cornell High Energy Synchrotron Source

Federation of Associations in Behavioral and Brain Sciences

Responding to the Risk of Hurricanes Harvey and Irma: Choices and Adjustment over Time

ROXANE COHEN SILVER
University of California, Irvine

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

Tiny Satellite Solves Big Mystery

XINLIN LI and DANIEL BAKER
University of Colorado, Boulder

Lehigh University

Disaster Recovery for Critical National Infrastructure

PAOLO BOCCHINI

Mathematical Association of America

Preparation for Industrial Careers in Mathematical Sciences

DOUG ENSLEY

Michigan State University

Influence of Teachers & Context on Student Engagement in STEM

JENNIFER SCHMIDT and PATRICK BEYMER

Museum of Science, Boston

Building with Biology & Learning via Productive Struggle

DAVID SITTFELD and KATIE TODD

National Communication Association

Deception and Communication

NORAH DUNBAR
University of California, Santa Barbara

Northern Illinois University

Impacts of Reintroduced Bison and Prescribed Fire in One of the World's Most Threatened Ecosystems

HOLLY JONES

Northwestern University

Children's STEM Learning through Media

KELLY SHEEHAN

Princeton University

Silicon Chips for Point-of-Care Medical Diagnostics

KAUSHIK SENGUPTA

Saint Louis University

Development and Assessment of Full-scale Experiential Learning Opportunities in Structural Engineering

J. CHRIS CARROLL

Society for Industrial and Applied Mathematics (SIAM)

Transforming Undergraduate Education: Enhancing Computational Skills

EMILY EVANS
Brigham Young University

Society for Industrial and Organizational Psychology

Preparing and Inspiring the Future STEM Workforce with Innovative STEM-Focused High Schools

TARA BEHREND
George Washington University

Society for Research in Child Development

Leveraging the ABCD Study to Examine the Effects of Hurricane Irma Exposure: The Disaster and Youth, Neural and Affective Maturation in Context (DYNAMIC) Study

ANTHONY DICK and JONATHAN COMER
Florida International University

Stevens Institute of Technology

CAREER Research Impacts: Underwater Robot Navigation; Distributed Innovation Networks; Big Data and Medical Outcomes; and Tissue Diagnostics

BRENDAN ENLOT, BABAK HEYDARI, SAMANTHA KLEINBERG, and NEGAR TAVASSOLIAN

University of California

Frontiers in Science

ROMMIE ELIZABETH AMARO, THOMAS BEOLLSTORF, DIANE CAMPBELL, CAILIN O'CONNOR, EMILY JACOBS, MICHEL MAHARBIZ, VERONICA J. SANTOS, and ALBERTO SOTO

University of Colorado, Boulder

Synthetic, Distributed Sensing, Soft and Modular Tissue (sTISSUE)

MARK RENTSCHLER

University of Illinois at Urbana-Champaign

Illinois/NCSA Support NSF Frontier Science for the National Community

WILLIAM KRAMER

University of Maryland, College Park

Tackling the Big Data Free-for-All: Exploring the Ethics of Using Personal Data in Computational Research

JESSICA VITAK

University of Michigan

Enhancing Sustainability in Coastal Communities Threatened by Harmful Algal Blooms

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- Computing Research Association
- Museum of Science, Boston

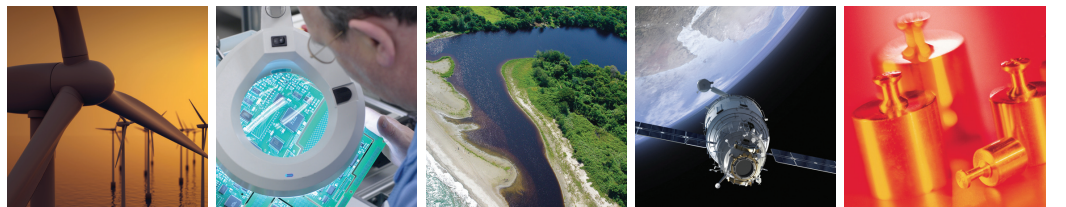
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