STEM Learning in Afterschool

NEW EVIDENCE & IDEAS ON
How Youth Learn the Skills Today to Succeed in the Workforce Tomorrow

Communities across the country are working together to prepare and inspire young people to learn the STEM knowledge and skills they need to succeed in school and jobs.

Join leaders and policymakers from 30 states to learn about new research and resources that make the case for creating more STEM-related afterschool programs and learning opportunities nationwide.

JOIN US | WEDNESDAY, **MARCH 1** REGISTER

National Press Club
529 14th Street, NW
Washington, DC

8:30am – 11:00am
Breakfast available at 8:30am
Please register by February 17

Hosted by The Charles Stewart Mott Foundation and STEM Next at the University of San Diego.

NEW RESOURCE
STEM READY AMERICA
Inspiring and Preparing Students For Success With Afterschool and Summer Learning

Ensuring that young people have the STEM knowledge and skills they need to thrive in the 21st century economy is fundamental to future success. A powerful part of the STEM workforce solution involves creating opportunities for young people to explore STEM in afterschool and summer learning programs. STEM learning in afterschool is interesting, engaging, compelling, and fun.

Join us on March 1 for the release of more than 15 articles that provide:

- Latest Research on Afterschool STEM
- Effective Program Examples
- Recommendations for Decisionmakers

NEW RESEARCH

We will unveil a new study of STEM learning in 11 states from The PEAR Institute at Harvard University and the Institute for Measurement, Methodology, Analysis & Policy at Texas Tech University. This new research highlights how young people in STEM-focused afterschool programs are showing greater interest in science topics and careers and a greater belief that they are capable of succeeding in STEM-related activities. Learn how afterschool STEM programs are having a positive impact on important workforce skills, including perseverance, critical thinking, and peer relationships.

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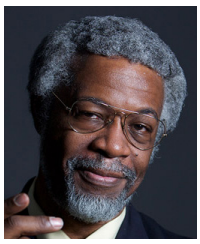
FEATURED SPEAKERS



Sylvester James Gates Jr., Ph.D.
Distinguished University Professor, University System of Maryland Regents Professor and John S. Toll Professor of Physics at the University of Maryland

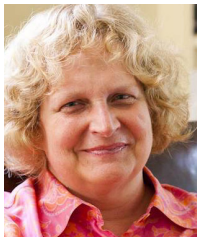
Dr. Sylvester James Gates, Jr. is known for his pioneering work in supersymmetry and supergravity, areas closely related to string theory. Dr. Gates is the first African American to hold an endowed chair in physics at a major U.S. research university, the author of more than 200 research papers, and a member of the National Academy of Sciences. Dr. Gates received the National Medal of Science from President Obama in 2013. He serves on National Commission on Forensic Science and the Maryland State Board of Education. He is a strong advocate for science, technology, engineering, and mathematics education.

Brian Kelly
Editor and Chief Content Officer, U.S. News & World Report

Brian Kelly is the Editor and Chief Content Officer of *U.S. News & World Report,* a multi-platform publisher of news and consumer information products. Kelly is a member of the executive committee with primary responsibility for all the company's content, which includes the websites usnews.com and rankingsandreviews.com, print, and e-book guides on education and health care, a conference and events business, and *The Report*, a premium news magazine available to subscribers online and via email. Kelly has led the transformation of *U.S. News* from a traditional print news magazine to a largely digital publishing company with a range of influential products. Under his leadership, usnews.com has gained an audience of more than 25 million monthly users.

Gil Noam, Ed.D., Ph.D.
Founder and Director, The PEAR Institute, Harvard University

Dr. Gil Noam is the founder and director of the The PEAR Institute: Partnerships in Education and Resilience (PEAR) at Harvard University. An Associate Professor at Harvard Medical School and McLean Hospital focusing on prevention and resilience, Dr. Noam trained as a clinical and developmental psychologist and psychoanalyst in both Europe and the United States. Dr. Noam has a strong interest in translating research and innovation to support resilience in youth in educational settings. Dr. Noam has published over 200 papers, articles, and books on topics related to child and adolescent development, and risk and resiliency. He is the editor-in-chief of the award-winning journal New Directions in Youth Development: Theory, Practice and Research.



Pendred Noyce, M.D.
Author, Physician, and Co-Founding Trustee of the Noyce Foundation

Pendred (Penny) Noyce was Co-Principal Investigator of the NSF-funded Massachusetts State Systemic Initiative Program and of PALMS, a $16 million NSF-funded State Systemic Initiative to improve mathematics, science, and technology education in Massachusetts. Noyce chairs the board of the Rennie Center for Education Research and Policy in Massachusetts and serves on the boards of the Concord Consortium, the Consortium for Mathematics and its Applications (COMAP), TERC, and the Libra Foundation. She was a co-founding trustee of the Noyce Foundation.

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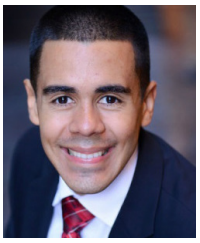
SPEAKERS

Bronwyn Bevan, Ph.D.
Senior Research Scientist, University of Washington

Dr. Bronwyn Bevan is Senior Research Scientist at the University of Washington. Her research examines how learning opportunities, across formal and informal settings, can be organized to advance equity in education. She served on the National Research Council's *Committee on Out-of-School Time STEM Learning* and is on the editorial board of *Science Education*.

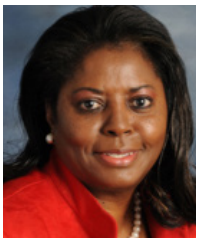


Jay Flores
Global STEM Ambassador, Rockwell Automation

As a Global STEM Ambassador for Rockwell Automation, Jay Flores has a mission: instilling a passion for STEM learning in young people. Flores knows first-hand just how important STEM is to the future of the country and the world. He believes STEM learning can help young girls and boys become superheroes, solve big (and little) problems, and contribute their best ideas to improve our planet. Flores served on the National Board of Directors for the Society of Hispanic Professional Engineers (SHPE), the largest Hispanic organization devoted to STEM access, awareness, support, and development.

Judy Vredenburgh
President and CEO of Girls Inc.

Judy Vredenburgh is President and CEO of Girls Inc., the organization that inspires all girls to be strong, smart, and bold through direct service and advocacy. As a network of local organizations, Girls Inc. provides out-of-school time programming to meet the needs of today's girls, in partnership with schools and at centers throughout the United States and Canada. Through its comprehensive approach to whole-girl development, Girls Inc. helps girls push past serious barriers, break the cycle of poverty, and become the next generation of leaders. Girls Inc. is on an accelerated path to double the number of girls served by 2020 and strengthen its public policy efforts to be the leading advocate for girls.



Rose Wilder, Ph.D.
Superintendent of Clarendon School District One, South Carolina

Dr. Rose Wilder leads Clarendon School District One's efforts to provide stimulating learning environments and comprehensive support systems that produce engaged, motivated, self-directed, and critical thinkers for a 21st century global society. Dr. Wilder is leading several exciting initiatives to improve student learning and engage the community and families in a rural community in South Carolina. In partnership with Engaging Creative Minds' STEAM Summer Learning Institutes and the SC Arts Commission, Clarendon One was one of the three STEAM Institute sites that led to Engaging Creative Minds being just one of only four recipients of the 2016 National Summer Learning Association Summer Learning Awards.