

2022 STEMCONNECTOR & MILLION WOMEN MENTORS SUMMIT AGENDA

DAY 1 OCTOBER 12, 2022

TIME	SESSION	FEATURED SPEAKERS
11:00 AM	Registration Opens	
11:30 AM	Networking Lunch	
12:30 PM	Welcome & Opening Remarks	Dr. Jo Webber , FRSC, CChem, CEO, STEMconnector/Million Women Mentors, Heather Sherman , Director, STEMx
12:45 PM	Fireside Chat with the Deputy Secretary of Education	Cindy Marten , Deputy Secretary of Education Dr. Jo Webber , CEO, STEMconnector/Million Women Mentors
1:10 PM	Presentation	Dr. Justin Sanchez , Technical Fellow, Battelle Memorial Institute
1:35 PM	Networking/Coffee Break	
1:50 PM	Semiconductor Environmental Scan Findings	Dr. Cindy Ziker , Head of Research, STEMconnector
1:55 PM	Panel: Advancing Understanding of the Semiconductor Industry and Broader Implications of CHIPS Act for STEM Education and Workforce Development	Bo Machayo , Director of U.S. Federal Government and Public Affairs, Micron Technology, Jon Cardinal , Director of Economic Development, Senate Majority Leader Chuck Schumer, Stewart Barber , Director of Government Affairs, Semiconductor Industry Association, Shawna Hudson , External Affairs and Social Equity Program Manager, Intel, Thomas Phillips , Sr. Congressional Affairs Specialist, Government Relations, Battelle Memorial Institute
2:50 PM	Innovation Showcase	
3:35 PM	Panel: The Changing Role of Higher Education in the STEM Workforce	Dr Olga Bolden-Tiller , Dean, College of Agriculture, Environment and Nutrition Sciences, Tuskegee University, Dr Michael Heithaus , Executive Dean of the College of Arts, Sciences & Education, Florida International University, Martha Fernandez , Senior Director, Employer Resource Center, Dallas College, Ted Wells , Vice President, External Engagement, STEMconnector
4:25 PM	Day 1 Summary and Preview of Day 2	
5:30 PM - 7:30 PM	Summit Networking Reception, Sponsored by Florida International University, in D.C.	601 New Jersey Ave NW, Washington, DC 20001



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SESSION 1	MAIN SESSION ROOM	BREAKOUT ROOM MEDIUM	BREAKOUT ROOM SMALL
2:50 PM - 3:05 PM	<p>UNIVERSITY OF MARYLAND, BALTIMORE COUNTY: Making Research Experiences Meaningful Through Critical Self-Reflection</p> <p>DESCRIPTION: Essential to the success in STEM fields is a strong sense of STEM identity, especially for first generation and traditionally underrepresented minority (URM) students. Curated experiences in collaborative learning settings can offer opportunities for professional development and self-reflection.</p> <p>Through reflection, students can hone their understanding, confidence, skill, and agency to make meaning of their experience enabling them to develop a strong sense of STEM identity that creates a pathway from their undergraduate experience to graduate degree attainment to the STEM workforce.</p> <p>PRESENTER: Sunji Jangha, <i>Director of Pipeline Programs, UMBC</i></p>	<p>TENNESSEE STEM INNOVATION NETWORK: MEEP: Manufacturing and Engineering Education Program for K-12 Teachers</p> <p>DESCRIPTION: The Manufacturing and Engineering Education Program (MEEP), funded through the Office of Naval Research, provides an opportunity for K-12 educators to experience manufacturing and engineering opportunities first-hand to help build the workforce pipeline. 100 K-12 teachers from Tennessee and Ohio were trained in problem-based learning and engaged with industry leaders to better understand the skills students need to be workforce ready. Each participant spent two days onsite at a local business and developed an authentic problem to introduce their students to opportunities for engaging careers in manufacturing and engineering.</p> <p>Presenter: Kristin McQueen, <i>Relationship Manager, Battelle</i></p>	
SESSION 2	MAIN SESSION ROOM	BREAKOUT ROOM MEDIUM	BREAKOUT ROOM SMALL
3:10 PM - 3:25 PM	<p>UNIVERSITY OF CALIFORNIA, DAVIS: SUCCESSFUL AVENUES: Community College Pathways That Work</p> <p>DESCRIPTION: There is an identified need to increase STEM talent and representation more reflective of the population of California in the workforce. With nearly 70% of California Community College students being from diverse backgrounds, the fastest way to diversify the workforce is to access the talent pool of the California Community College System.</p> <p>By supporting student success through the complex transfer process, scaffolding leadership potential, and engaging industry, the Avenue model at UC Davis prepares the next generation of leaders in the STEM Workforce. This showcase highlights the Avenue model, key learnings, and the ability to scale across STEM disciplines.</p> <p>PRESENTER: Erin R. Silva, <i>MA, STEM Strategies Project Manager, UC-Davis</i></p>	<p>THINKING MEDIA-LEARNING BLADE: Successfully Increasing Student Interest in STEM and Early Talent Preparedness for STEM Careers</p> <p>DESCRIPTION: Learning Blade is a toolbox of online lessons, projects and activities to grab students' attention while introducing them to the careers, tools and technologies in STEM fields.</p> <p>Dr. Dane Boyington will provide a demonstration of the Introduction to Coding and Ready for Industry programs designed to address career awareness and preparation for near-term job seekers in specific areas. Dr. Kathleen Schofield will share Florida's experience with Learning Blade and how it has improved interest in, and access to, STEM careers for students.</p> <p>PRESENTERS: Dr. Kathleen Schofield, <i>Executive Director, STEM2Hub, Florida, MWM-FL State Leader</i>, Dr. Dane Boyington, <i>CTO, Thinking Media - Learning Blade</i></p>	<p>MWM WOMEN IN INSURANCE INITIATIVE: Insurance is STEM</p> <p>DESCRIPTION: Today, the insurance industry holds amazing and meaningful opportunities for women in STEM. The MWM Women in Insurance Initiative is committed to increasing DE&I in the insurance industry and promoting insurance as a desirable, opportunity-rich industry for women in STEM.</p> <p>Leaders of the WII Initiative will share their perspectives on the digital transformation and diversification of the industry and how organizations can work together to drive change.</p> <p>PRESENTERS: Margaret Milkint, <i>Managing Director and Practice Leader, Global Insurance, Diversified Search Group</i>, Catherine Lamson, <i>Senior VP and Chief Administrative Officer, MEMIC</i>, Dr. Leroy D. Nunery II, <i>President, Evolution Advisors LLC</i></p>

2022 STEMCONNECTOR & MILLION WOMEN MENTORS SUMMIT **AGENDA**

DAY 2 OCTOBER 13, 2022

TIME	SESSION	FEATURED SPEAKERS
8:00 AM	Breakfast + Affinity Groups Breakfast	MWM Women in Insurance Initiative, MWM State Leaders
8:45 AM	Presentation: Presentation: Grants & Proposals Opportunities Through STEMconnector	Janine Koeneke , <i>Business Development/Grants & Proposals, STEMconnector</i>
9:00 AM	Welcome and Summit Day 1 Recap	Janine Koeneke , <i>Business Development/Grants & Proposals, STEMconnector</i>
9:05 AM	Presentation	James Moore , <i>Assistant Director, National Science Foundation</i>
9:35 AM	Panel: Employee Engagement as a Meaningful Strategy for Building & Supporting the STEM Workforce	Dr. Ronda Hamm , <i>Global Academic Relations Leader, Corteva Agriscience</i> , Stacy Zaja , <i>Assistant Director – STEM Outreach, Northwestern Mutual</i> , Keisha Chandler , <i>Director, Partner Success ASCD</i> , Catherine Lamson , <i>SVP, CAO, MEMIC</i> , Dr. Leroy D. Nunery II , <i>President, Evolution Advisors LLC</i>
10:30 AM	Networking/Coffee Break	
10:45 AM	Presentation: STEMconnector Research, State of STEM: Challenges and Opportunities	Dr. Cindy Ziker , <i>Head of Research, STEMconnector</i>
11:15 AM	Panel 3: The Role of Women in STEM in the Sectors of Government and how it Impacts Policy, Industry and Focus on Insurance, and the Global Perspective	Margaret Resce Milkint , <i>Global Insurance Practice Leader - Diversified Search Group</i> , Umrhan Beba <i>Co-Founder, Beba Foundation</i> , Carolyn Alessi , <i>Regional Director, Community Health and Well Being, Trinity Health Of New England</i> , Sheila Boyington , <i>National Chair, Million Women Mentors CEO, Learning Blade</i>
12:05 PM	Networking Lunch	
12:55 PM	Presentation	Dr. Merary Simeon , <i>Vice President Human Resources – Global Center of Excellence, PepsiCo</i>
1:20 PM	Innovation Showcase	
2:00 PM -	Panel: Federal Agency Support for STEM Education and Workforce	Kris Brown , <i>Deputy Associate Admin for STEM, NASA</i> , Dr. Dionne Toombs , <i>Acting Director, USDA-NIFA</i> , Dr. Ping Ge , <i>Director, Office of Workforce Development for Teachers and Scientists (WDTS), Office of Science, U.S. Department of Energy</i> , Melissa Mortiz , <i>Director of Policy, STEM Next Opportunity Fund</i>
3:00 PM	Summit Closing	



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SESSION 1	MAIN SESSION ROOM	BREAKOUT ROOM MEDIUM	BREAKOUT ROOM SMALL
1:20 PM - 1:35 PM	<p>ARLINGTON INDEPENDENT SCHOOL DISTRICT: Work-Based Learning: The Importance of Employer Partnerships</p> <p>DESCRIPTION: Several Arlington ISD initiatives focus on Work-Based Learning experiences for students. These initiatives aim to support students' career development and leverage work-based learning as an opportunity to support students through informed career decision-making and career preparation. Internships are a critical capstone component of Work-Based Learning, but the development of key partnerships and a continuum of activities that support advanced skill development are also critical components of the lifelong learning agenda and the development of a career-ready culture.</p> <p>PRESENTER: Dr. Steven Wurtz, <i>Chief Academic Officer, AISD</i></p>	<p>EDUCATION PROJECTS AND PARTNERSHIPS: Nourish the Future: Connections to Agriculture and Biotechnology in the Classroom</p> <p>DESCRIPTION: Did you know that modern agriculture is a high-talent, high-tech career field responsible for feeding, clothing, and fueling the needs of nearly half a billion people in the U.S. alone? And yet, less than 4% of students take agriculture classes in high school and less than 1% go into agriculture careers. The opportunities in agriculture and biotechnology are plentiful, but the pipeline is pitiful. That's why Nourish the Future was born: to bridge the gap between the industry and the classroom. Come learn about this national science initiative that's making agriculture accessible to students across the nation like never before!</p> <p>PRESENTER: Jeanne Gogolski, <i>CEO, educationprojects.org</i></p>	
SESSION 2	MAIN SESSION ROOM	BREAKOUT ROOM MEDIUM	BREAKOUT ROOM SMALL
1:40 PM - 1:55 PM	<p>PAST FOUNDATION: STEM Identity Building - A Workforce Development Imperative for Ohio</p> <p>DESCRIPTION: To impact the formulation of STEM Identity for underrepresented populations in Ohio's STEM workforce, PAST Foundation has partnered with Congresswoman Joyce Beatty, the Ohio Legislature, Lieutenant Governor Husted and our partner districts statewide to build STEM identity through workforce development in IT/Computer Science, Leadership Excellence, Lean Six Sigma, SolidWorks, FAA Part 107B Drone Pilot and Entrepreneurship credential attainment with mentorship and industry capstones as students earn industry recognized credentials and confidence in these STEM focused regional workforce areas of employment during their 7-12th grade school experiences.</p> <p>PRESENTERS: Marcy Raymond, <i>Strategy Officer, PAST Foundation</i>; Mary Schneider, <i>OSLN Hub Director, PAST Foundation</i></p>	<p>EIE, MUSEUM OF SCIENCE, BOSTON: Driving STEM Innovation Through Collaborations</p> <p>DESCRIPTION: Learn how the Museum of Science, Boston and EIE® are engaging all audiences in STEM education through their collaborations and FREE products with Overdeck Family Foundation, Akamai, Pear Deck, NASA, Roblox and more!</p> <p>PRESENTERS: Heather Gunsallus, <i>Vice President, Products & Services, STEM, EIE, Museum of Science, Boston</i>; Zachary Dollar, <i>Senior Director, Corp and Fnd Relations, EIE, Museum of Science, Boston</i></p>	<p>LOUISIANA STEM ADVISORY COUNCIL (LASTEM): Women in the STEM Economy (W.I.S.E.)</p> <p>DESCRIPTION: Managed by LaSTEM's New Orleans Regional STEM Center, the Women in the STEM Economy (W.I.S.E.) is a consortium of diverse women from all aspects of STEM that are using their voices and expertise to increase diversity, equity, and inclusion within the economic framework of the Greater New Orleans region. The WISE Women Mentorship Program provides mentorship opportunities to young women who are considering STEM careers and will expose, engage, and inspire young women entering STEM careers.</p> <p>PRESENTER: Dr. Clint Coleman, <i>Program Administrator, LaSTEM</i></p>