Why Million Women Mentors

Today, women make up

52% of the college-educated workforce

but only

29% of the STEM workforce¹

50% of women in STEM careers drop out of their field within the first 12 years²

Mentoring is one of the most effective levers to propel and support women and girls on STEM pathways

Research shows individuals with mentors have improved academic, social, and economic prospects. For women in STEM fields, this becomes increasingly important as young women look to role models to help them gain their confidence and increase opportunities.

Girls with a mentor are 2.5x more likely to be confident in their ability to succeed in school and career.³

A Wharton study showed that individuals who mentored were 2x as likely to be promoted.⁴

Companies with engaged employees perform 200% better.⁵

MWM’s unique multi-faceted approach aims to accomplish three primary objectives:

1. Grow the number of girls and women who pursue, persist and succeed in STEM careers.
2. Amplify mentoring as one of the most effective levers to propel and support girls and women on STEM pathways.
3. Build the foremost network of organizations and individuals advancing girls and women in STEM.

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Core Components

- **State Leadership**
- **Community Engagement**
- **National Sponsorship**
- **Global Commitment**

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**Million Women Mentors Impact**

- **Influence**
  Media reach over one billion annually

- **Scalable**
  MWM committees in over 30 states and seven countries

- **Sustainable**
  More than two million mentor relationships established
Honorary State Leadership

The title of Honorary Chair is used by the states to recognize leaders who support the movement and lend their name and office to support the effort of Million Women Mentors in their states.

Thank you to our Honorary Chairs who propel the movement forward!

Honorary National Chairs

**Iowa**
Governor
Kim Reynolds

**Delaware**
Lt. Governor
Bethany Hall-Long

Honorary State Chairs

**Alabama**
Governor
Kay Ivey

**Arkansas**
Lt. Governor
Tim Griffin

**Connecticut**
Lt. Governor
Susan Bysiewicz

**Florida**
State Senator
Lizbeth Benacquisto

**Hawaii**
U.S. Senator
Mazie Hirono

**Idaho**
Governor
Brad Little

**Illinois**
U.S. Senator
Tammy Duckworth

**Indiana**
Ivy Tech
Dr. Sue Ellsperman

**Louisiana**
Senator
Sharon Hewitt

**Maine**
Governor
Janet Mills
States Movement

Above is a map of engaged states

Overview of the States Movement

Million Women Mentors is organized by states, with state teams leading local individual efforts with over 40 states currently engaged. State leadership is able to make a pledge, develop a steering committee, and then work to reach their pledge goals within that state through partnerships, initiatives, and mentoring campaigns. Each state team works to engage companies, non-profits, and higher education to support girls and women in STEM through mentoring. State teams consist of 1-2 chairs and 5-10 steering committee members. In most cases, all are volunteers.

States Engage Through:

- Amplifying awareness of the need for girls and women to engage in STEM and STEM careers across each state
- Engaging organizations and individuals to provide or become mentors
- Engaging corporations with local influence to support the MWM movement and create or augment existing community mentoring programs for their employees
- Providing visible leaders and role models across each state to women and girls
- Serving as a communication path to the MWM national movement
States' Reports

We have collected our states' 2020 efforts and projected plans and captured these results in a one-page report per state. Each report contains the state’s steering committee members, an honorary chair if applicable, 2020 events and updates and any actions of plans for 2021.

These reports are available for download in PDF form on our website: https://mwm.stemconnector.com/
News & Events

BIG in Science Virtual Event
Science teacher, Malysa Chandler, was on a mission to improve or remedy the teacher shortage in Alabama and expose young girls in underserved communities to the world of STEM.

Chandler coordinated a free virtual event, BIG in Science, on Saturday November 14, 2020 for girls living in Alabama’s Black Belt region who were interested in learning more about STEM.

The first part of the program featured African-American women from the Black Belt sharing their stories about working in STEM fields. The event then had a lab portion experiment in which participants were provided with materials to follow along with and complete a virtual science project.

Spotlight

The Alabama STEM Council was formed in September 2020 by Governor Kay Ivey’s Executive Order No. 721. The council’s work builds on and extends Alabama’s Roadmap to STEM success. As Ivey stated, “The Alabama STEM Council will play a vital role in ensuring that our state's future leaders have the opportunity to learn STEM-based skills that will help them transition into successful career pathways upon graduation.”

Statewide STEM Career Awareness

Governor Kay Ivey, MWM-AL Honorary State Chair, and Sheila Boyington, National States Chair, joined Representative Terri Collins, State Senator Arthur Orr, State Superintendent Eric Mackey and Decatur Mayor Tab Bowling at Austin Middle School to see first-hand how one class is using Learning Blade to provide career awareness. Learning Blade was adopted statewide in early 2020 and supports girls by showing how STEM and computer science careers impact society.

Steering Committee

Governor Kay Ivey – Honorary State Chair
Dr. Deborah Barnhart – Honorary State Chair
Brenda Terry, AMSTEC, & Institute for Science Education, University of Alabama in Huntsville
Dr. Susan Pruet, AMSTEC, & STEMWorks, LLC
Felicia Simpson, Alabama Afterschool Community Network
Mary Lou Ewald, College of Sciences and Mathematics, Auburn University

Honorary Chair

Governor Kay Ivey
Programs

Alaska Native Science and Engineering Program (ANSEP) STEM Career Exploration

Students entering 7th, 8th, or 9th grade who have successfully completed the ANSEP Middle School Academy program are eligible for STEM Career Explorations. This five-day, academic, residential program is organized to provide career exploration activities, experiments, projects, and field experiences to increase students’ interest in STEM (science, technology, engineering and mathematics) careers. Students attend free of charge. The program is held on the University of Alaska Anchorage (UAA) campus at the ANSEP Academy Building. Students will be housed in the dorms on the university campus.

Anchorage School District

Many innovative solutions in the real world integrate science, technology, engineering, and mathematics. However, Anchorage School District emphasizes the importance of integrating adaptability and creativity in STEM education rather than focusing on the subjects in isolation. The district provides authentic learning experiences with inquiry or engineering design approaches to develop students’ critical thinking and problem solving abilities. Educating all students for success in life is the mission of the Anchorage School District. Because career opportunities for graduates are increasing in STEM fields, exposure to STEM learning is emphasized in K-12 curriculum and CTE pathways.

Kids Rock Science!

This program includes a curriculum designed for parents to lead fun, easy science activities with their children. The program was designed by Juneau Girl Scout, Jordan Cooper, for her Gold Award Project. The page currently contains six 2-hour sessions available. Within each session, there are various activities in a suggested order relating to the session’s topic. The activities range from experiments to building challenges to exploration that each include a description, needed materials, clear instructions, and a scientific explanation that is easy for children to understand. Some activities also include “Try it!” activities, fun facts, or real world applications.

If you use any of this material, we would love to know! Please send us a quick email about what you did, how it went, and what we can do to make it better. Thank you! kidsrockscience@gmail.com

Spotlight

Located in Juneau, Alaska, the Juneau Economic Development Council (JEDC) has a dual mission: to improve the business climate in Southeast Alaska through economic development services and to develop the next-generation workforce for all of Alaska through educational programming. The overall goal of JEDC’s education program is to stimulate students’ interest and capabilities in STEM fields, thereby increasing the pool of talented and skilled students who pursue careers in these areas. Their work is organized around three strategies:

- facilitate professional development of teachers;
- offer STEM enrichment activities to students;
- participate in advocacy and outreach to build public awareness and support.

Their work is guided by a commitment to hands-on, engaged learning that links students to real-world opportunities and challenges in an environment of high expectations and discovery. JEDC is proud to be the FIRST Operational Partner for Alaska. Corporate sponsors include:

News & Events

Kids Rock Science Summer Camp 2020

2nd-4th graders had a blast programming Milo, their robotic friend with WeDo software. Campers built many different configurations of Milo and learned about STEM and language as they cataloged their progress in a story book. Puzzles, crafts, and games kept campers engaged and curious throughout the week.

Social Media

#iamSTEMak

States@MillionWomenMentors.com
Programs

Science Foundation Arizona

The Arizona STEM Network, led by Science Foundation Arizona, is a collaboration between businesses, educators, government and philanthropy with a common agenda to graduate more Arizona students prepared for the global economy through Science, Technology, Engineering and Mathematics education. The Arizona STEM Network (ASN) is proud to be supported by Arizona’s current Governor, large corporations, CEO organizations, and philanthropies.

Arizona Science Center: STEM Extravaganza

Piloted by Arizona Science Center in March 2016, STEM Extravaganza is an educational program facilitated by the Center’s education staff. The goal of STEM Extravaganza is to boost teachers’ confidence and competence in STEM to ultimately improve students’ learning experience, sparking interest for STEM-related skills and careers. The program serves teachers and students during a full day of STEM activities for the students and professional development for teachers.

Girls in STEM

Girls in STEM is a mission-critical initiative aimed at inspiring, empowering, and encouraging interest in STEM among girls. The program’s goal is to introduce girls to STEM concepts in a fun and relevant way while partnering with companies and women that help nurture their interest in exploring STEM as a profession.

Spotlight

Sari on Science

Sari Custer, Chief Scientist and Curiosity Officer at Arizona Science Center, explores science in the world around us. Through regular TV appearances and social media videos, Sari on Science features highlights from inside the Science Center and updates on science trends and innovation from the world at large. As a female, Sari is a role model and inspiration for young female scientists and innovators.

News & Events

New Resource and Information Channel

This channel was created to be an online resource that supports at-home learning that inspires, educates, and engages curious minds through science. From lesson plans to interactive videos and activities to articles, this resource works to keep STEM learning alive today, tomorrow, and beyond.

Facebook Demonstration Schedule

Every Tuesday and Thursday at 5:00 p.m. on Facebook, Connect at Arizona Science Center inspires, educates, and engages curious minds through science via virtual activities and demonstrations.
Spotlight

The Girls of Promise® Conference is a FREE conference for 8th grade girls in Arkansas that will be held during the first week of April.

Our conference introduces girls who love science, technology, engineering, arts, and/or math (STEAM) to women and careers in these fields of study, tons of interactive activities, and likeminded peers! Our 2021 Conference will be completely virtual, engaging girls across the state with speakers from across the country. Breakout sessions will be interactive with most materials provided prior to the week of the conference to the girls.

Programs

Arkansas STEM Coalition

The Arkansas Science, Technology, Engineering and Math (STEM) Coalition is a statewide partnership of leaders from the corporate, education, government and community sectors which plans, encourages, coordinates and advocates policies, strategies, and programs supportive of excellence in STEM teaching and learning in order to expand the economy of Arkansas and produce higher paying jobs.

AETN Arkansas STEM Girls

AETN is supporting Arkansas’s goal to increase the participation of women and girls in the fields of science, technology, engineering and mathematics by expanding the engagement of girls in STEM subjects using both formal and informal environments. AETN Arkansas STEM Girls provides workshops and special events to engage, educate and inspire girls to pursue STEM careers.

Arkansas Discovery Network

The Discovery Network, a statewide program of the Museum of Discovery, was initiated in 2006 with funding from the Donald W. Reynolds Foundation. More than $14,000,000 has been awarded from the Reynolds Foundation and other donors over the years to support the goal of making hands-on, interactive STEM learning more accessible to the state’s school children and their families. The Network provides high-quality professional development and training opportunities to its members’ educational staff. Essentially, the Discovery Network is the way in which the Museum of Discovery supports other educational entities in their efforts to bring quality STEM education to its learners.

Social Media

@womensFDNAR
@womensfoundationofarkansas

Honorary Chair

Lt. Governor Tim Griffin

K-5th joined Girl Scouts at the STEAM Center in Fort Smith on January 23rd for a fun day of learning the basics of coding. Girls learned how programmers write programs that make computers work and how people can use computers to help others.

Statewide STEM Career Awareness

Arkansas continues to utilize the Learning Blade platform statewide to introduce girls to STEM and computer science careers.
News & Events

High Schoolers Learn Science and Business Through Nanovation Competition
The winning entries in UCLA’s fourth annual Nanovation Competition may not represent actual products — yet — but the science behind them is very real. That’s one of the core requirements of the contest, which invites Southern California middle and high school students to identify an important problem, dream up a nanotech-enabled solution and then create a plan for turning their idea into reality. Prize winners receive up to $2,000 for classroom supplies. The competition, which merges STEM learning with an introduction to entrepreneurship, is one of the community education programs offered by the California NanoSystems Institute at UCLA, which also include workshops for teachers and summer institutes for high schoolers.

CA STEAM Virtual Symposium 2020
The CA STEAM Virtual Symposium 2020 topics included:
- Focus On Best Practices For Every Learning Environment! Excellent peer-led professional learning highlighting ideas, strategies, and innovations that work for ALL students. Our goal: Advancing STEAM Equity In All Learning Environments.
- Global Participation! No longer limited by travel, connect with colleagues across California, the US, and the world. Share your passion and lead a breakout session from any location. Our goal: Building a Thriving STEAM Team.

Spotlight

Snap the Gap
Snap The Gap™ is a grant-funded initiative that uses three proven components to impact the STEM opportunity gap: experiential learning with STEM inventor kits, mentorship, and expanded learning opportunities. Girls who have had mentors are 2.5 times more likely to be confident in their ability to succeed in school and careers. Snap the Gap is open to students who are committed to positively impacting the gender-based gap in STEM fields.

2019/2020 Pilot Program
Snap The Gap™ ran a pilot program through 2019 to 2020 that encompassed 15,000 10-12 year old youth in the state of California. Over the course of the program, participants had access to hands-on STEM learning tools, a peer community, and mentorship by an inspiring adult in STEM.

Programs & Plans

STEM Programs
At Girl Scouts of Northern California, STEM (science, technology, engineering, math) encompasses everything from protecting California’s beloved natural resources, to building robots with NASA and Google.

Honorary Chair

Leshelle May

Steering Committee

Lendar Calhoun, Career Girls.org
Denise Coyne, Retired, Chevron
Beth Broome, University of California at Davis
Venita Sivamani, Learn Skin
Mary Wiberg, National Alliance for Partners in Equity Foundation
Nancy McIntyre, Robotics Education & Competition Foundation
Nancy Kirshner-Rodriguez, NKR and Associates
Carol Tang, Children’s Creativity Museum
Parto Aram, University of California at Davis

Social Media

Facebook: Million Women Mentors-CA
Twitter: @MWmentorsCA
Programs & Plans
The Southern Colorado Girls STEM Initiative
The Southern Colorado Girls' STEM Initiative (SCGSI) reaches out to inspire girls through a day event, The Girls' STEM Experience, as well as training teachers in gender specific methods for STEM education and sponsoring year-round clubs for girls to participate and learn about STEM activities.

Colorado Collaborative for Girls in STEM (CoCoSTEM)
Local Collaboratives host a variety of events for STEM practitioners including girl-serving organizations, K-12 formal and informal educators, higher education faculty, industry and business leaders, and government. They have a program directory that lists organizations and programs that focus on motivating girls to pursue careers in STEM. The purpose of this Directory is to help organizations and individuals network, share resources, and collaborate on STEM-related projects for girls.

Keystone Science School
Founded in 1976 by Robert W. Craig, Keystone Science School has taught scientific principles and leadership skills to young people, teachers, and community members through engaging hands-on field experiences. KSS was founded on the belief that leaders should approach decision-making with a healthy respect for scientific inquiry, collaboration, and civic engagement. The School hosts GIRLS IN STEM Programs and they believe in empowering girls by engaging them in hands-on, real-world activities to show STEM is relevant and fun in an ever-changing world. Female STEM professionals support each program and student by giving them guidance to navigate a male-dominated workforce. This program is open to any female student currently enrolled in 3rd-12th grade with a differentiated curriculum for each grade.

University of Colorado Boulder

Center for STEM Learning
COLLEGE OF ARTS AND SCIENCES
The Center for STEM Learning is proud to partner with and feature dozens of STEM programs from around the country and CU Boulder.

Spotlight
2020 Women in Technology Conference

The Women in Technology Conference is an annual event celebrating women across Colorado's growing tech community. Participants will hear from a variety of dynamic speakers and engage in meaningful discourse on technology trends, leadership and opportunities and challenges surrounding women in today's tech workforce.

Steering Committee
Kelly Stevens, Colorado Technology Foundation
Monica Coughlin, Colorado Technology Association

News & Events
The Colorado STEM Academy opened August 2013 serving grades 3 to 6. Colorado STEM began serving students in grades K-8 beginning in the 2016-2017 school year. It is now home to students in grades PreK-8 in two different buildings on one campus.

The Colorado STEM Academy offers students an extended learning day which means more time in the classroom with STEM trained faculty. Students work in technology-centered labs and have one-to-one access to computers, iPads, and Chromebooks. CSA also offers after school clubs and organizations.

The academy is focused on stimulating the growth of young minds. Children attending Colorado STEM Academy learn the critical thinking and technical skills they need to compete in a world where many of the jobs of the future have not yet been invented.

Parents can begin applying for the 2021-2022 school year on January 1, 2021.

Energy Day is Colorado's first FREE family festival showcasing exhibits focused on science, technology, engineering and mathematics (STEM). Energy Day will feature exciting exhibits and interactive demonstrations that will teach students and their families about various forms of energy and how, through STEM education, they can find an exciting career in the energy industry. With the support of our local schools and energy experts, it's our hope that students and families who attend can learn something new and develop an interest in STEM education.
Programs & Plans

Honorary Chair Lt. Gov. Susan Bysiewicz Hosts Student Computing Challenge, Virtual Showcase

Launched in May, the Lt. Governor’s COVID-19 Computing Challenge: A Statewide Challenge to Address Global Concern, invited Connecticut students in grades 3 through 12 to work individually or as a team to propose an idea for a new computing technology application. Students were tasked with generating creative solutions to address the numerous effects the COVID-19 pandemic has had on society.

“Connecticut students have the power to make real change. As we launched this challenge, we asked our students to use this period of distance learning to develop innovative programs to help their communities during their time of need. Throughout this challenge, our students stepped up and exceeded our expectations. From designing technology applications that better inform Connecticut residents, to programs that will help aid local communities, our students have shown that they have the ability to make a meaningful difference in people’s lives. I couldn’t be prouder of what our students have accomplished.”

Lt. Governor Bysiewicz.

http://y2u.be/8G_y-0h9BoY

MWM-CT Chapter Top Priorities

1. Recognize the value of mentoring early on in the professional career to retain and advance women in STEM fields.

2. Promote STEM in grades K-12 to ensure the interest and engagement in STEM activities continues throughout the learning continuum.

3. Increase mentoring among minority women and young girls to create equity and foster interest early on in STEM fields.

Spotlight

Trailblazer award winner

We are honored to recognize Dr. Heidi Gold-Dworkin, Founder & CEO of Little Scientists, Great Science for All, and Little to Great Scientists. Dr. Heidi is a 2020 MWM STEM Trailblazer Award Winner. She is an extremely accomplished scientist and educator in the field of STEM education for children.

Steering Committee

Lt. Gov. Susan Bysiewicz - Honorary State Chair

Carolyn Alessi, St Francis Hospital & Medical Center, member of Trinity Health of New England

Elisabeth Rose, AIG

Ellyn Savard, Girl Scouts of Connecticut

Erika Kurt, Small World Initiative

Dr. Heidi Gold-Dworkin, Little Scientists

Kim Weitzel-Kempton, KWK Consulting

Lisa Durnery, Accenture

Lisa Roy, The Jackson Laboratory

Makeida Stubbs, Pfizer Groton


Patrice Gans, Random Hacks of Kindness Junior, Inc.

Sarah Wojiski, The Jackson Laboratory

Tracey Madden-Hennessey, YWCA New Britain

Sabrina Tucker-Barrett, Girls for Technology

Lyn Caliendo, Gateway Community College

Cherie Phoenix-Sharpe, Office of Lieutenant Governor

Janice Floyd, CT Department of Motor Vehicles

Honorary Chair

Lt. Governor
Susan Bysiewicz

Social Media

LinkedIn: /company/million-women-mentors-ct-chapter/

Facebook: @MW Mentors CT
Programs & Plans

The Future is Female: Girls in STEM

During the two-week, after-school tech-immersion camp, girls ages 11 to 16 learned the ins and outs of cybersecurity, agricultural tech, robotics, drones and entrepreneurship.

DigiGirlz Day

STEM is important for global competitiveness. The purpose of the DigiGirlz program is to address the declining enrollment of young women entering the STEM fields. Through this program, we will engage young women in lively discussions about technology, dispel the many myths about a STEM education, and offer fun, hands-on activities.

This program is offered through a unique partnership between Microsoft Corporation, the Department of Education, the Delaware Center for Educational Technology, the Delaware Department of Technology and Information, Wilmington University, DELL, Division of Libraries, University of Delaware, Delaware Technical Community College, Beebe Hospital and Cyber Streets.

Steering Committee

Lt. Governor Bethany Hall-Long - Honorary State Chair

Jennifer Kmiec, Inspiring Women in STEM

Don Baker, FAME, Inc.

Teri Quinn Gray, DuPont

Randy Guschi, Delaware Foundation for Science & Mathematics Education

Anne Pfaelzer de Ortiz, Delaware Foundation for Science & Mathematics Education

Jamila Riser, Delaware Mathematics Coalition

P.J. Simon, Teach Them Well

Honorary Chair

Lt. Governor

Bethany Hall-Long

Spotlight

MWM-DE Virtual Happy Hour

Million Women Mentors National Honorary Co-Chair and Delaware Lieutenant Governor Bethany Hall-Long hosted a MWM-DE Virtual Happy Hour. She was joined by Denille Pemberton-Heard, MWM National States Chair Sheila Boyington and STEM leaders from across the state. A new partnership with FAME, Inc. was presented with the goal to connect their girls and young women seeking guidance and role models with the accomplished STEM women in Delaware. "STEM Queen" Jackie Means also shared the valuable support she’s received from mentors throughout her middle and high school years, and her plans to study neuroscience at the University of Delaware this fall.

News and Events

Science and Technology Career Fair 2020

Delaware Bio Science Association hosted a Science and Technology Career Fair which connected employers with exemplary candidates in search of new career opportunities. Organizations looking to fill full-time and part-time roles were encouraged to exhibit. Individuals interested in pursuing employment in regional engineering, healthcare, science, and technology industries were encouraged to attend. Jobs were available for individuals with Associates, BS, MS, Ph.D., BSN, LPN, RN and experience levels from entry to advanced.

3rd Annual Engineering Your Tomorrow

Girls in grades 6th-8th joined us for a fun-filled day of hands-on activities involving S.T.E.M — Science, Technology, Engineering and Math! They immersed themselves in STEM and Agriculture at the 3rd Annual Engineering Your Tomorrow event. They discovered how STEM and Agriculture impact the world around us with engaging, hands-on activities. We helped students make meaningful connections between STEM careers in the AG industry through fun and engaging activities that peaked their curiosity and captured their love for learning.

STEM Equity & Math Equity Conferences — October 9 & 10, 2020

The members of the Delaware Foundation for Science and Mathematics Education, Delaware STEM Council, FAME, and Delaware Mathematics Coalition communities co-hosted two powerful days of professional learning dedicated to equity in Mathematics and STEM. Conference strands provided K-12 educators, administrators, higher educators, business leaders, government officials, and non-profit stakeholders with opportunities to grapple with classroom and systems-based challenges, network and problem solve solutions, and share best practices.
Programs & Plans

DC STEM Network

The DC STEM Network unites community partners to help inspire and prepare all DC youth to succeed, lead and innovate in STEM fields and beyond. Currently, the Network has four strategies for increasing access to high-quality STEM learning experiences:

- Evaluate the current STEM landscape
- Establish common measures for high-quality STEM learning experiences
- Host an informative, interactive website
- Recognize and encourage best practices

For more information, please visit https://stemecosystems.org/ecosystem/dc-stem-network/.

Girls Incorporated DC

At Girls Inc. DC, we focus on giving every girl the Girls Inc. Experience. This means that each girl will learn how to be healthy, educated and independent in a safe space with trained professionals and research-based programming. We want Girls Inc. girls to be able to make healthy choices, be motivated to succeed and learn how to use their own voice and advocate for others. We want our girls to grow into the leading women that our world needs.

Techbridge Girls

In 2015, with funding from the National Science Foundation and Chevron, Techbridge Girls launched the Washington, DC, office. Techbridge Girls chose to bring our award-winning programs to the nation’s capital after an environmental scan revealed a significant need and interest in public schools and a vibrant ecosystem of STEM employers and support organizations.

STEM for Her

STEM for Her provides funding for programs that foster STEM interest in girls and young women through field trips, speakers, programs and curriculum development, and contributes program resources for clubs and after school groups in Virginia, Maryland, and D.C. that serve girls.

Spotlight

inteGIRLS Puzzle Hunt 2020

A group of puzzle-loving, determined, and diligent people quickly became the inteGIRLS Team — a team that would eventually build the world’s first global online puzzle hunt for female and non-binary teens.

Participants registered in teams of up to four, and chose to be in either the middle school, high school, or open division — where participants could be of any age. Those who wanted to participate in a team but couldn’t find anyone to join them could meet girls from other parts of the world via our online forum. The numbers from our May 29 to June 1 hunt: We had 1597 girls registered in 598 teams, representing 54 countries/territories and 35 states. We ended up having 21 puzzles! Our puzzle hunt theme was Women in STEM.

Steering Committee

Kim Cherry, DC Public Schools
Ashley Huderson, ASME
Brandy Huderson, University of the District of Columbia, Biology
Marlena Jones, CASE/Carnegie Science
Alicia Lane, Techbridge Girls DC
Jeanose Lexima, Women on Change
Angela McRae, Catholic University
Stephanie Rodriguez, AnitaB.org
James Rountree, DC Public Schools
Regina Schofield, Battelle
Prachi J. Vakharia, Womaniun
Sue White, Friendship Public Charter Schools
Otto Wilson, Catholic University

Social Media

@DCSTEMNetwork

Contact Info/State Leader:
Marlena Jones - mjones@carnegiescience.edu
News & Events

Empowering Girls by Closing the Digital Divide
Through our Closing the Digital Divide project, over 50 girls at the PACE Center for Girls in Clay County received a laptop so that learning could continue at home. Nearly 500 girls in Northeast Florida have received a laptop through this project.

Stoneman Douglas Announces Virtual Opportunity for Young Women in STEM
Broward County Public Schools are inspiring the next generation of females into STEM fields. Participants met a whole range of women in STEM and tried fun hands-on activities in a free, online cohort program. After completing the program, students received a certificate of achievement and were connected to a larger community of women in STEM where they were able to learn about internship opportunities and more.

The program dates were set up to be very flexible. Each cohort met for 12 sessions, twice a month, on Zoom.

Virtual Summer Camps
Young ladies around the state learned to code and built robots at the virtual summer camps! Tampa Bay STEM Network planned a fun camp about STEM education and careers.

Social Media
@NEFLSTEM2hub

Steering Committee

State Senator Lizbeth Benacquisto - Honorary Chair

Dr. Kathleen Schofield, Northeast Florida STEM2 Hub, state leader
Joleen Clark, Retired Director for Veterans Health Administration
Larry Plank, Hillsborough County Public Schools
Tricia Saunders, Hillsborough County Public Schools
Rachael Schofield, Fleming Island High School
Ronna-Renee Jackson, Launchpoint Leadership
Laylah Bulman, Samuell Foundation
Makayla Buchanan, Clay Education Foundation
Cindy Caldwell, WestEd
Devon Fox, PGA Tour

Programs & Plans

Dream Big Florida, a Statewide Space Initiative
Launched statewide, this program gave K-12 students access to space by asking them to create postcards with their dreams of the future and vision for life in space by answering the question, “Why do you think Earth needs space?” The postcards were collected at the district level and sent back to Club for the Future in the first month of school. Blue Origin then flew the postcards to space and back on the New Shepard rocket launches and mailed them back to students with a “Flown to Space” postmark. In the spring, there were contests for the most creative and innovative ideas, situated in a Space Career Awareness Week.

Computer Science Teacher Training
Nearly 40 new Computer Science Fundaments teachers were trained across North Florida to bring computer science learning to elementary students across the Florida Panhandle reaching some of the most underrepresented students living in rural parts of the state without access to mentors like those girls in more developed areas have. In partnership with Code.org, now an additional 250,000 girls will have access to learn to code during the school day!

From Face to Face to Virtual Clubs
Our mentors leading Girls Who Code clubs in our urban and rural setting received the support that they needed to smoothly transition clubs to on-line during the pandemic! Girls continued to build and collaborate while learning to code! Baker County Girls Who Code continued the partnership and learned new ways to explore together!

Honorary Chair
State Senator
Lizbeth Benacquisto
News & Events

Coding Camp 2020

The TAG Education Collaborative (TAG-Ed) is pleased to announce the return of the Tomorrow’s Technologist’s Coding Camp sponsored by LexisNexis Risk Solutions. Tomorrow’s Technologists is a free, four-week summer day camp open to high achieving Metro Atlanta High School Students. Students will master coding fundamentals, explore various coding languages, learn the iterative process of coding, and conclude their experience with a capstone presentation at LexisNexis Risk Solutions. If you are interested in participating in this amazing opportunity, please continue on in the application process for 2021!

Programs & Plans

Cool STEM Girls

Cool STEM Girls is a partnership between TAG-Ed and Cool Girls, Inc. to engage and positively impact middle school and high school girls engaged in the Cool Girls, Inc. organization through technology and soft skills training. The initiative includes a professional development series, a coding camp, an integrated STEM week and a conference with industry professionals. The hope is that through the combination of TAG-Ed’s STEM prowess and Cool Girls heart this effort will help to encourage young women to take an interest in STEM education and careers. More importantly to mitigate many of the systemic inhibitors that prevent underrepresented girls from believing that this is for them.

Teen Girls in Technology (TGI Tech)

Teen Girls in Technology (TGI Tech) is YWCA of Greater Atlanta’s STEAM initiative for girls. TGI Tech was established in 2006 to excite young girls about careers in science, technology, engineering, arts/design, and math through after-school instruction, college prep workshops, and field trip experiences. By helping our TGI Tech participants develop strong critical thinking and problem-solving skills, we hope to increase their interest, confidence, and competence in STEM subjects and put them on a path to non-traditional careers in science and technology.

Spotlight

Georgia Tech: H. Milton Stewart School of Industrial and Systems Engineering in Conversation: ISyE Alumna Errika Moore, MWM State Leader GA

We are so excited to share a recent conversation featuring our MWM-GA State Leader Errika Moore; Errika Moore (BIE 1996) is a standout alumna of the H. Milton Stewart School of Industrial and Systems Engineering (ISyE). She has won numerous awards as a mentor and a community builder for her dedication to increasing Black representation in STEM fields, both in terms of educational opportunities and in professional careers. Moore has served on many different boards, including the ISyE Advisory Board, the National Society of Black Engineers, the Georgia Tech Black Alumni Organization, the American Diabetes Association, Out Teach, and Per Scholas. She is currently the senior program officer at the Community Foundation for Greater Atlanta.

In this interview, Moore discusses her own experiences as a Black woman in STEM, why she is so passionate about increasing Black representation in STEM, and her hopes for the young Black students who are currently at Georgia Tech. The interview has been lightly edited for clarity and length. To read the article, please go here: https://www.isye.gatech.edu/news/conversation-isye-alumna-errika-moore

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Cristina Pastore, Kimley-Horn & Associates
Michelle Wells, M.S. DABR, Therapeutic RSO, Radiation Oncology Hospital, Piedmont Hospital

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Spotlight
Women Mentor Young Women In UH STEM Program
Women hold less than a third of the STEM related jobs in the United States, but a modest program out of the University of Hawaii at Mānoa math department is working to turn that around. Since 2016, female UH Mānoa students in STEM fields have been mentoring female high and middle school aged students. “A lot of these fields, especially in STEM, it’s still male dominated, and it can be intimidating,” said Olivia Murray, mentor and UH Mānoa computer science major. “And just for them to see another girl who was successful in the field, I think that would be really encouraging for them.” They meet on the Mānoa campus once a week and are guided through subjects like computer coding and advanced math by young women excelling in those fields.

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Dr. Sarah Styan, President and CEO, Kauai Community Science Center

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News & Events
Women’s Stars Program
The STARS Program is based on NASA’s successful summer programs for young women. It first launched in 2014 and has been held every year since with a growing number of students and participating local science, education and outreach organizations including: Hawaii Technology Development Corporation, Canada-France-Hawaii Telescope, HI-SEAS, WM Keck Observatory, Gemini Observatory, EA/JCMT, Subaru Telescope, Pacific Aviation Museum, NASA’s Jet Propulsion Laboratory, Caterpillar Ltd., USGS Hawaiian Volcanoes Observatory, University of Hawaii at Hilo and ‘Imiloa Astronomy Center. The program has evolved over the years to address student needs with an emphasis on female challenges in STEM, providing more opportunities for mentorship as well as overnight housing to accommodate students from other islands. In 2019 they launched a space and science summer camp for Hawaii girls interested in STEM.

Scouting Into STEM
Move over, crafts and cookies. The Girl Scouts organization is making sure that their scouts get experience and exposure to women who work in STEM fields. It is now the largest pipeline in the U.S. for female leaders in STEM fields. And it has committed to getting 2.5 million young women into STEM careers by 2025. “We need to get Hawaii on this action,” says Shari Chang, CEO of Girl Scouts of Hawaii – and the fourth-generation scout means business. The 2019 STEM Fest, the largest-ever Girl Scouts event in the state, attracted almost 400 girls. They were met by 130 STEM professionals, mostly women, so the girls could see women in leadership roles, and visualize the potential of what they could be, too.

Hawaii Virtual STEM Conference 2020
Event Highlights:
Interactive Training Sessions on:
• Artifical Intelligence (AI) with Microsoft
• Creating Dashboards with ESRI’s Geospatial Information Systems (GIS)
• Exploring Augmented Reality Content for Merge Cubes (do you have a Merge Cube? If not, we’ll tell you how you can get one!)
• Hawaii Clean Energy Initiatives
• Coding in Minecraft
• Building your brand on LinkedIn

On May 8th and 9th, we launched our first-ever VIRTUAL HACKATHON CHALLENGE hosted in partnership with BizzyB and Malama Maunalua.
News & Events

Micron Girls Online Workshop 2020
On March 16, 2020, Micron Technology employees were directed to work from home, and all schools in Boise, Micron’s corporate headquarters, were moved to online school. We had an all-day workshop planned for 100 8th grade girls at Micron in mid-April. That 6 hour workshop was cancelled and replaced with a 4 hour online workshop. This was the first online STEM Outreach event for Micron’s STEM team.

Spotlight

Southwest Idaho Big Brothers Big Sisters (BBBS) - Women in STEM Program (pilot summer 2019 with 5 matches, expanded to full program school year 2019/20 with 20 matches)
From a young age, girls are less likely to be encouraged to pursue a career in STEM related fields. We want to change that. We believe that matching girls with women who are currently working in STEM related careers will help those girls see that a similar career is a possibility for their own futures.

In our STEM Mentoring Program, girls 6-14 (Little Sisters) are matched with volunteers (Big Sisters) who are in STEM based professions. As a Match they will spend time doing things they both enjoy, including STEM activities.

Programs & Plans

Idaho Out-of-School Network - Million Girls Moonshot
The Million Girls Moonshot Grant Capacity Builder Grant has been awarded to the Idaho Out-of-School Network (ION) to help address equity and inclusion and support programs and STEM partners to fully understand and implement promising practices to engage role models, mentors and family support and increase the number of girls interested in STEM.

To accomplish this, ION and University of Idaho 4-H Extension purchased the Think Make Create (TMC) Lab patent to build and provide Idaho communities a mobile platform to engage youth with hands-on STEM (science, technology, engineering, and mathematics) learning and career exposure through tinkering activities in afterschool and out-of-school programs.

In addition, key partners from Idaho Career and Technical Education, the STEM Action Center of Idaho and Gizmo are working collaboratively to ensure the successful build, support, curriculum development and deployment of the TMC labs. The mobile maker space creates a platform for outdoor learning and expands STEM hands-on learning opportunities for rural and underserved audiences, as well as growing the network of confident STEM educators. This project is also proudly an official initiative of the Idaho STEM Ecosystem.

Honorary Chair
Governor Brad Little

Idaho STEM Action Center
Engineering innovative opportunities for educators, students, communities, and industry to build a competitive Idaho workforce and economy through STEM and computer science education. It is STEM AC’s vision for a diverse, equitable, thriving ecosystem for a prosperous, STEM-literate Idaho.
Partner Spotlight

Science Olympiad is a girl-serving national non-profit organization that encourages mentoring by women in STEM professions. In 2020, 61,000 girls in Science Olympiad received mentoring, and 40,000 women served as STEM mentors. Since the beginning of the Million Women Mentors movement in 2014, Science Olympiad has counted 377,500 girls mentored and 268,300 female STEM mentors.

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Kristen One, Adlai E. Stevenson High School @StevensonHS
Nelly Pitocco, T-Mobile @Tmobile
Nathalie Schmidt, Illinois Agri-Women @ILAgriWomen

News & Events

October 2019
Featured speaker on the “States Movement Celebrating 5 Years” panel at the 2019 Rising Together MWM Summit. Women in STEM Caucus Legislative Meeting participant with US House of Representatives Haley Stevens of Michigan.

December 2019
Presented the Million Women Mentors Stand Up for STEM Award and letter of commendation from US Senator Tammy Duckworth to Illinois State Representative Mary Edly-Allen at Chicago’s mHUB to celebrate her advocacy for women and girls and her service to Illinois Science Olympiad and the teaching community.

January 2020
Joined a six-month mentoring cohort with the Chicago Innovation Network’s Women Mentoring Co-op; Contributor for the MWM #BeyondtheBuzz chat on Twitter.

February 2020
Member of the Corteva Agriscience Education Summit at the US Farm Bureau in Washington, DC; Discussed women’s mentoring and STEM outreach with the Japan Science and Technology Agency in Washington, DC.

April 2020
Oversaw ISTI’s Student STEM Showcases and Capstone Projects on Facebook Live featuring innovative technology solutions developed by student + industry mentor working groups.

May 2020
Attended online Executives Club of Chicago events with Governor JB Pritzker and Mayor Lori Lightfoot.

August 2020
Breakout session leader for the MWM 100th Anniversary of Women’s Right to Vote and the 19th Amendment Webinar.

September 2020
Judged the MxD and mHUB Fourth Revolution Awards to celebrate the contributions of large and small Midwest manufacturers, startups, and community supporters to technology advancement and economic development.

Honorary Chair

U.S. Senator Tammy Duckworth

Social Media

@SOAlumniNetwork
News & Events


The conference was for girls in grades 5th and 6th in Monroe County. Girls had the opportunity to work with female role models and enjoy the wonders of science, technology, engineering, and math (STEM).

Steering Committee

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Cathy Ritchie, Girl Scouts of Central Indiana
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Sue Smith, Ivy Tech Community College
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Programs & Plans

Girls In STEM Institute

The Girls STEM Institute (GSI) provides young ladies of color, traditionally marginalized in STEM fields, an opportunity to develop an understanding of mathematics and other STEM concepts in a meaningful and culturally grounded context. Within GSI’s rich, rigorous, relevant, and supportive context, young ladies have the freedom to grow interpersonally and intellectually. Through GSI, young women have access to powerful STEM learning experiences that challenge them to think deeply and critically. GSI is unique in that it focuses on the whole person through the integration of STEM learning with overall wellness and well-being. Family and community engagement are the other main components of GSI. For more information, please visit girlssteminstitute.org.

Challenger Learning Center

The Challenger Learning Center of Northwest Indiana is Chicagoland’s premiere STEM education facility. From the famous simulated space missions to hands-on workshops, labs, summer camps and planetarium experiences, they offer unique learning opportunities for children of all ages as well as STEM resources and curriculum for their teachers. Their flagship missions give middle-school students a glimpse into the future, as they try their hand at a day in the life of a scientist, engineer, researcher and more on a simulated space mission. With the careers in these fields at the forefront of our highly technical future, they know that experiences like these are effective in guiding future study and career choices.

The Indiana Department of Education

The Indiana Department of Education is committed to STEM education and encompasses four academic disciplines — science, technology, engineering, and mathematics — in an interdisciplinary and applied approach. STEM guides our vision of ensuring all K-12 Indiana students graduate with critical thinking skills. Indiana students must have access to a world-class STEM education necessary to compete in an innovation-driven economy. STEM will equip students with 21st century skills, preparing future generations of Hoosiers to thrive in STEM-related businesses and industries.

Honorary Chair

Dr. Sue Ellspermann
Ivy Tech Community College of Indiana
News & Events

Iowa stakeholders continue their commitment to STEM, often pivoting to remote and online events and activities. MWM-IA has featured STEM opportunities across the State, including:

1. Virtual STEM Day at the Fair.
2. Virtual Girls Who Code events at the University of Iowa.
3. The Girls in Science Initiative: this Initiative aims to empower and equip girls in science, technology, engineering and math.
4. Girls in Science Festival.
5. Go Further Girls STEM Conference: this is a conference for middle school and high school girls (this includes those who are cisgender, trans, of trans experience, etc.) to learn about various STEM fields, STEM opportunities at Iowa State, and to interact with female-identifying STEM role models.
6. Primary Source Sets, 62 supplemental online learning resources about Iowa: Through the Library of Congress Teaching with Primary Sources (TPS) grant, the State Historical Society of Iowa developed free and downloadable Primary Source Sets to help K-12 educators meet the Iowa Core Content Anchor Standards for Social Studies. These Primary Source Sets address national and international history as well as Iowa-specific history.

Social Media

http://facebook.com/MWMIA

Honorary Chair
Governor Kim Reynolds

Spotlight

As a result of collaborations across Iowa including numerous MWM-IA members, the Governor’s STEM Advisory Council in Iowa shared that within the past year, 2/3 of Iowans have shown a significant increase in awareness of STEM. Additionally, 80% of Iowans strongly agreed or agreed that progress is being made to increase the number of STEM jobs for women. We thank and congratulate the many MWM-IA members who have made these advancements possible.

Steering Committee

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Jana Rieker, Iowa Department of Cultural Affairs
Mike Ralston, Iowa Association of Business & Industry
Leah Rodenberg, Alliant Energy

Programs & Plans

MWM-IA is collaborating with WorkSMART Connector, a regional talent pipeline initiative, which is focused on the creation, implementation, and promotion of a strong work-based student experience. The regional partnership identified new and emerging training opportunities that align with industry workforce needs. It connected students, employees, parents, various schools/colleges, career academics, and program partners to facilitate a high-quality, work-based learning experience. MWM-IA has partnered with schools and businesses to provide mentor training in support of the key mentoring component of the program’s apprenticeships and certifications for students. Life skills training was also developed through the leadership of Central College and MWM-IA through the preparation of students to be successful employees, community members, and life learners.

MWM-IA was also part of a new committee researching opportunities in Iowa that integrates arts, history and heritage education into project-based learning to increase productivity and adaptability skills of students and the workforce.
**Programs & Plans**

**KC STEM Alliance**

KC STEM Alliance intentionally works to increase the participation of girls in science, technology, engineering and math through education and career exploration.

Formal and informal activities include building mentoring relationships, supporting weekend workshops and summer camps, and opening doors to job shadows and internships.

Girls in Tech KC is a local movement to encourage girls to explore the power of computer science in three ways:

- Hands-on experience through special events and ongoing programs;
- Connecting with female mentors in person;
- A social media campaign to build awareness.

**Spotlight**

**2020 WE Local Award Recipient**

The Society of Women Engineers strives to advance and honor the contributions of women at all stages of their careers as well as recognize the successes of SWE members and individuals who enhance the engineering profession through contributions to industry, education and the community. WE Local Award recipients are recognized as outstanding SWE members, SWE groups and individuals.

Congratulations to MWM-KS/MO Co-Chair, Martha McCabe of Kansas City STEM Alliance, for being awarded the WE Local Engaged Advocate Award for Des Moines. The WE Engaged Advocate Award honors individuals within the following categories contributed to the advancement or acceptance of women in engineering: K-12 Educator; Collegiate Educator/SWE Faculty Advisor/SWE Counselor; Entrepreneur; or STEM Professional.

**Steering Committee**

Martha B. McCabe, KC STEM Alliance
Brian Crouse, Missouri Chamber
Marian McClellan, KC STEM Alliance

**News & Events**

**Webinar: Closing the Gender Gap in STEM K-12**

This was a five-part highly interactive series that included a keynote speaker, panel discussion, and resource list.

Girl Scouts of NE Kansas & NW Missouri offered numerous empowering ways for girls to explore STEM in the region. FIRST LEGO League Jr. Brownie Troop 4070 spent the year diving into the world of robotics. Girl Scouts worked hard all year coding and building their robots, attending competitions for inspiration and building their displays to talk about all their hard work.

**Partners**

- The Ewing Marion Kauffman Foundation*
- Burns & McDonnell*
- Black & Veatch*
- Boeing
- Cerner*
- Commerce Bank
- SS&C DST*
- Federal Reserve Bank of Kansas City
- Garmin*
- Google Fiber
- Honeywell*
- KCP&L
- KC STEM Alliance
- Kansas City Women in Technology
- Kansas Enrichment Network
- Kansas State University
- Missouri University of Science & Technology*
- PREP-KC
- Science City
- Society of Women Engineers-Kansas City Section
- University of Missouri-Kansas City School of Computing and Engineering*
- Women in Science, Technology, Engineering, Math & Medicine - Central Exchange

* KC STEM Alliance Sustaining Partners

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Programs & Plans

MWM-KY Monthly Newsletter

The MWM-KY monthly newsletter continues to grow and engage local STEM mentors at a sustained rate. As the cornerstone of the MWM-KY communication plan, the newsletter continues to attract new members, disseminate news and key performance metrics from our partners, as well as share best practices related to equity and STEM mentoring.

https://portal.millionwomenmentors.com/ky/about

In March, MWM-KY and KY NSF EPSCoR will host a virtual Pi Day celebration and mentor networking event for Kentucky’s 2021 NCWIT Aspirations in Computing Awardees. Fourteen tech-savvy high school women+ will be honored by Kentucky’s chapter of the National Center for Women & Information Technology and paired with an MWM-KY mentor based on their education and career aspirations.

Spotlight

FabFems Offers Exciting Mentoring for Girls in STEM

Kentucky native Dr. Cagney Elayna Coomer is a molecular biologist and geneticist breaking barriers and building girls confidence in STEM.

In 2020, Dr. Coomer became the first Black woman to receive a PhD from the department of biology at the University of Kentucky, where her research unlocked the secrets of two genes found in the retina. As a student Dr. Coomer started NERD SQUAD, a nonprofit group that encourages girls of color to become interested in STEM fields.

“I often was the only Black woman in my classes, and I’d ask why I was the only one,” she said. “People would say people of color weren’t interested in science. So, I decided to go out into the community to get kids interested — you can’t get interested in something you’re not exposed to.”

About FabFems

FabFems are women from a broad range of professions in science, technology, engineering and mathematics (STEM). They are passionate, collaborative, and work to make the world a better place. Many girls have similar interests but aren’t connected to adults who exemplify the STEM career pathway. This is where you come in. Create a FabFems profile to expand girls’ career options, dispel stereotypes and spark their interests - just by being you.

To find out more about being a role model or finding a role model, visit this site: http://www.fabfems.org/

News & Events

Rise STEM Academy for Girls

Fayette County Public Schools is launching the Rise STEM Academy for Girls in 2020-21 because district leaders are confident that supporting girls in science, technology, engineering, and math in their formative years will build their confidence to more eagerly embrace these career pathways. The magnet school, which is housed in the former Linlee Elementary at 2420 Spurr Rd., initially welcomes 150 students in grades K-2 and then adds a level every year through eighth grade. This program will cultivate an environment where girls are encouraged to indulge their STEM interests through fun, accessible, and interactive project-based learning. Districtwide bus transportation will be available, and after-school programs are in development.
News and Events

**FIRST Louisiana-Mississippi**

Involves over 2000 Louisiana students annually, inspiring, educating and building for the future. FIRST LEGO League teams GeauxGirls and Team Smarters represented Louisiana at the LEGOland International Invitational in California. We are proud of our FIRST teams who used their 3-D printers to produce face shields and ear-saving attachments for face masks for the first line responders during the height of COVID-19.

**Northshore STEM Coalition**

Two sites. One challenge. Thirty girls. Celebrating the National Introduce a Girl to Engineering Day, Northshore STEM Coalition hosted girls live at Northshore College and livestreamed with girls at the NASA Stennis/Infinity Science Center.

**ExxonMobil Women’s Interest**

Hosted 140 middle school girls Introduce a Girl to Engineering Day. Through interactive experiments such as a car engineering activity, approximately 30 ExxonMobil employees led a series of problem solving activities.

**Capital Area STEM Network**

Collaborated with Louisiana Women in Technology and the Baton Rouge Community College (and over 40 mentors) to host an all-girls hackathon, Girls Hack For Good. High school girls researched their most pressing health issues and raced the clock to develop health/fitness app prototypes to present to each other and judges.

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**Social Media**

@MWM_LA

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**Honorary Chair**

State Senator
Sharon Hewitt

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**Spotlight**

Ben Franklin High launches chapter of Society of Women Engineers (SWENext)

SWENext at Ben Franklin High was formed to provide near-peer STEM outreach for younger girls in their community. Most recently, they offered a series of virtual STEM challenges to keep girls engaged this summer, annually offer “Mentor Mash” to expose girls to women in the STEM field, a back to school STEM Fair for elementary and middle school girls, and biannually host “SySTEMics” - a day of engineering projects to help younger girls build teamwork and problem-solving skills.

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**Steering Committee**

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Kevin Shipp, Girl Scouts Louisiana East
Deidre Street, Southern University
Tamira Wade, CHANCE
Sarah Walsh, IBM
Esperanza Zenon, River Parishes Community College
Programs & Plans

MentorME
A corporate mentoring program, “MentorME”, was launched at MEMIC in April 2020! The program uses a software product to match mentors and mentees based on mutual areas of professional interests and personality traits. The program is in the pilot phase and there are currently twenty-five participants enrolled who meet one to two hours per month for a full year.

Phase two launched in January, 2021 at MEMIC.

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Deborah Wentworth, Clark Insurance
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Social Media

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Honorary Chair
Governor Janet Mills

News & Events

Maine Celebrates 100th Anniversary of Women’s Right to Vote

Suffragists chose the daffodil as their symbol as they fought for their right to vote. In celebration of women’s right to vote, the Maine chapter participated in a state-wide initiative to plant daffodils on November 5, 2019! The daffodils serve as a perpetual reminder of the hard work of the women who came before us.

Maine Forms a Subcommittee in Support of Women in Insurance

Million Women Mentors Women in Insurance Initiative

The Maine chapter formed a subcommittee to support Women in Insurance (WII)! This fall, the committee analyzed the 2019 MWM-WII data surrounding demographics, diversity, and inclusion programs to determine their impact on gender parity. This information is critical in driving change for WII!

MWM – Mentoring Event

To expand mentoring initiatives in the state, the Maine chapter held a mentoring and networking event in December 2019. Guest speaker, Kathleen Kerr, explained the differences between coaching and mentoring. The goal of this event was to improve mentees’ skills and advance their careers by showcasing how mentors become trusted advisers and role models who support and encourage their mentees.

This event also included a breakout session and a networking hour in which both mentors and mentees shared their personal experiences and were encouraged to introduce themselves to new people.
News & Events

Maryland STEM Festival

This Festival cultivates a positive environment that inspires children to pursue science-related careers and encourages businesses to invest in Maryland. In an era when recent reports indicate that the United States is losing ground as the world leader in science and technology, and fewer students than ever are seeking careers in science and technology, the Festival energizes our state’s efforts to respond to these challenges.

In 2020, the Festival decided to further its effort to promote the Blue-Collar STEM concept and selected "Manufacturing, and Design" as the theme of the 2020 Festival as well as our art contest.

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Social Media

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Honorary Chair

Lt. Governor Boyd Rutherford

Spotlight

Elevate H.E.R. Summit 2020

Summer of 2019, Maryland MENTOR and ANANIZACH sat at a conference table and made a precursory remark about women and girls mentoring relationships. Our commentary soon kindled the objective of possibly hosting a summit for mentoring programs catered to young girls in Maryland. We sought to ignite mentorship among women and girls in Maryland, while creating a pipeline of transformative relationships, and on January 18, 2020, Elevate H.E.R.: Women and Girls Mentoring Summit became a reality. What better time to culminate National Mentoring Month!

The Women and Girls Mentoring Summit was an amazing opportunity for attendees to learn firsthand how Maryland MENTOR and our many partners and programs collaborate to make mentoring work for our amazing girls and young women across Maryland. This vital summit consisted of several high energy presentations, panels and activities designed to highlight, educate and revitalize all who attended.

Attendees had access to build and connect with our guest panelists as well as with other prominent and influential women.

Programs & Plans

Maryland STEM Connect

The Maryland Department of Commerce just launched Maryland STEM Connect, a repository of Federal and Military agency STEM programs in the form of an interactive database. The purpose of this initiative is to demonstrate and promote the many diverse STEM activities to educators, students and parents. Federal agencies, from NASA to Fort Meade, offer engaging activities to encourage students from all ages to pursue STEM education and careers. We request that our educational partners help us promote this initiative by reaching out to your community.

STEM Programs

From pre-K summer camps to high school apprenticeships, students of all ages in Maryland have endless opportunity to explore the world of STEM. See the variety of programs hosted at Maryland’s military & federal institutions.
Programs & Plans

Massachusetts Afterschool Partnership
Their mission is to improve the lives of all children and youth by supporting and expanding high quality and enriching afterschool and summer learning. They strive for equity and inclusion so that every child has the opportunity for a full and fair education, in and out of school. MAP seeks to connect the many threads of the afterschool system and weave a comprehensive support network that ensures all children have access to programming. This network includes local and state funding streams, private providers, and public schools.

Mass STEM Hub
Their mission is to provide schools with deeply supported access to premier, in-school STEM programming that engages students and prepares them for 21st century careers. Their first initiative is scaling Project Lead the Way here in Massachusetts. For more information about Mass STEM Hub, please visit https://mass-stemhub.org/.

Massachusetts Life Sciences Center
The MLSC provides funding related to STEM projects at middle schools and high schools through the Center’s STEM Equipment Grant Program as well as community colleges and universities through the Center’s Capital Program. For more information about the programs, please visit http://www.masslifesciences.com/resources/stem/.

Girls Inc.
In partnership with schools and Girls Inc. centers, we focus on the development of the whole girl. The combination of long-lasting mentoring relationships, a pro-girl environment, and research-based programming, equips girls to navigate gender, economic, and social barriers, and grow up healthy, educated, and independent. Informed by girls and their families, we also advocate for legislation and policies to increase opportunities and rights for all girls.

Spotlight

STEM Week Challenge 2020

To us, every week is STEM Week! So even though STEM Week in MA has passed, you can still implement the STEM Week Challenge whenever works best for your classroom.

This year’s STEM Week Challenge meets K-12 students, teachers, and schools where they are — whether virtually or back in the classroom. No expensive materials. No complicated application. Just high-quality content for educators to do what they do best: help students learn and grow.

The theme for the third annual statewide STEM Week is “See Yourself in STEM,” with a particular focus on the power of mentoring. Partnering with Mass Mentoring to encourage participants to sign up for one of 12 different mentoring opportunities in K-12 across the Commonwealth. The hope is that this initiative will build up mentoring capacity and engagement going forward.

Slow the Spread

In the STEM Week Challenge for grades 9-12, Partners in Health asks high school students to think creatively about one of the greatest STEM challenges of our generation — COVID-19. Using PBLWorks’ project based learning framework, knowledge built from PH’s expertise, and also supported by design thinking experts from IBM, students will explore the many challenges individuals may be facing in quarantine and develop original apps to help slow the viral spread in their communities.

Adaptive Design

In the STEM Week Challenge for grades 6-8, Dell Technologies asks middle school students to explore the potential of the technology-human relationship by using the engineering design process to design an adaptive device for persons with paralysis.

Better Games

In the STEM Week Challenge for grades K-5, the New England Aquarium asks elementary school students to help promote math learning and connect with families virtually. With inspiration from the math games of ST Math, students will design and develop their own math game — one that drives math knowledge and meaningful connections between the New England Aquarium and Massachusetts children and families. In addition to partnership with ST Math and the New England Aquarium, we are thrilled to have the Massachusetts STEM Advisory Council as a sponsor of this work.

Steering Committee

Dr. Jennifer Roecklein-Canfield, Simmons College
Shereen Tyrell, Massachusetts Technology Leadership Council’s Education Foundation
Allison Schell, MA Department of Higher Education & MA STEM Advisory Council
Connie Chow, Ph.D., Science Club for Girls
Andrew Russell, Museum of Science, Boston
Spotlight
The STEMinista project

The STEMinista Project started in 2016 with a simple goal: boost interest in science, technology, engineering, and mathematics among fourth through eighth grade among fourth through eighth grade girls. In the pilot program’s first year, the initiative reached 1,000 girls. Since then, that number has grown to 10,000 young women in Southeast Michigan. Through regular activities like STEMinista Saturdays at the Michigan Science Center (MiSci), young girls go hands-on with real-world STEM applications like the science behind customizing lip gloss and nail polish. They also meet women who look like them with good-paying, future-proofed careers in male-dominated STEM fields. By having female environmental engineers from Ford and infectious disease physicians from WSU and other industry partners at the event, girls have tangible proof that hard work will pay off. For more information and to get involved, please visit here: https://www.facebook.com/STEministaProject/.

Steering Committee

U.S. Senator Debbie Stabenow - Honorary State Chair

Anne Young, Arthur J. Gallagher & Co.
Allan Kochanski, Deloitte
Michael Lynskey, BP Americas
Dr. Linda Ott, Michigan Technological University
Shelley Skinner, Genentech

Programs & Plans

Michigan Girls Collaborative Project

The Michigan Girls Collaborative Project brings together organizations throughout Michigan that are committed to informing and motivating girls to pursue careers in STEM. For more information, please visit https://ngcproject.org/collaborative/michigan-girls-collaborative-project.

Michigan Stem Partnership

The Michigan STEM Partnership promotes the impact of STEM careers on economic development across the State of Michigan, and strives to influence the career decisions of students as they prepare for their future. The primary goal of the Michigan STEM Partnership is to be a primary contributor to the growth and development of STEM and STEM Education in Michigan by:

• Promoting, connecting and empowering STEM educating instruction and talent development.
• Engaging employers, professional and community-based organizations, and other stakeholders in STEM education and career/talent development programs and activities.
• Actively connect STEM resources, initiatives and program development statewide through our regional structure.

Stem Learning Ecosystems

The STEM Ecosystems Initiative is built on over a decade of research into successful STEM collaborations, and seeks to nurture and scale effective STEM learning opportunities for all young people. Launched in Denver at the Clinton Global Initiative, the STEM Funders Network STEM Learning Ecosystems Initiative forms a National Community of Practice with expert coaching and support from leaders such as superintendents, scientists, industry and others. Learn more at STEMecosystems.org.

News & Events

MiSTEM Network

The MiSTEM Network partnered with the Michigan Department of Education (MDE) and hosted the first annual Computer Science Education Leadership Summit, a virtual gathering of stakeholders and leaders in the field that discussed how to support Michigan schools as they continue to implement computer science education to better prepare students for the growing array of in-demand careers in the field.
Programs & Plans

STEM (Science, Technology, Engineering and Mathematics) education provides intentionally designed and linked learning experiences for students to develop and apply understandings of science, technology, engineering, and mathematics concepts and processes. Integrated STEM education exemplifies standards-based, best practice instruction from each field to explore relevant questions and problems based in the natural and designed world.

The Minnesota Department of Education supports STEM achievement for all learners by providing guidance and technical assistance on implementation of academic standards, current literacy best practices, multi-tiered systems of intervention, and STEM policy administration.

Steering Committee

U.S. Senator Amy Klobuchar - Honorary State Chair
Jennifer Granner, Experis IT
Tonya Tatro, ManpowerGroup
Anjie Cayot, Keyot
Sarah Patnode, Full Stride Digital Media
Amanda Svedarsky, Sole to Mind System / Prime Therapeutics

Social Media

@MillionWomenMentorsMN, @TrailblazersLIVE
@MWM_MN, @TrailblazersLIVE
Million Women Mentors MN, TrailblazersLIVE
@MWM_MN, @TrailblazersLIVE
TrailblazersLIVE

Honorary Chair

U.S. Senator
Amy Klobuchar

Spotlight

TrailblazersLIVE
TrailblazersLIVE: a digital platform via YouTube, podcasts, and social media channels that provides high school and college-age women and girls across the world the information, education, and inspiration to choose STEM career pathways.

Overview

MWM MN - Who We Are
MWM-MN is a cross-corporate, governmental, and educational network – passionate about connecting students, parents, educators, non-profits, and organizations aligned to advance diversity in STEM.

Trailblazer Model & Brand - What We Do
The Trailblazers mentoring panel model was originally designed and branded by Anjie Cayot of Keyot Consulting, one of the founding board members of the MWM-MN chapter. Another founding board member Tonya Tatro of Experis, then enhanced the model to include coordinating between local schools and corporations to provide on-site STEM tours and experiences.

Outreach - Strategy & Impact Trailblazers Panel
Mentoring event for high school / college-age girls that provides them the opportunity to hear from a panel of young ladies thriving in STEM within a diverse variety of careers and organizations.

- Audience: Female high school and college students.
- Corporate hosts partners – Cargill, Securian Financial, Prime Therapeutics, Principal Financial Group, Best Buy, North Hennepin Community College, Mall of America.

Mentoring & Speaking

Attend and/or speak at MN state-wide and nation-wide STEM events aligned to advance diversity in STEM, and provide a bridge of introduction between MN mentors/corporations and mentee-serving organizations.
Programs

Montana State University’s Explore: Earth And Space Camp

Sponsored by NASA and MSU Academic Technology and Outreach, the free five-day camp works with middle schoolers who have a budding interest in STEM fields. The camp is unique in its focus on opening doors and providing role models for underrepresented groups in STEM. Camp leaders estimate that about 35-40% of the students are native, and that number has been even larger in years past. At this camp, students from Bozeman work alongside students from Browning and Hardin, and there’s a growing number of girls attending every year.

Montana Girls STEM Collaborative

The Montana Girls STEM Collaborative:

- Brings together organizations and individuals who are committed to informing and motivating girls to pursue careers in STEM.
- Shares research and exemplary practices.
- Offers professional development and opportunities for collaboration.
- Funds mini-grants and brings national STEM resources to Montana.
- Provides girls and other under-represented youth with access to STEM mentors and role models and hands-on STEM opportunities.

The Montana Girls STEM Collaborative was launched in 2012 as a state chapter of the National Girls Collaborative.

Spotlight

Montana Science Center

At the Bozeman Pond, the Montana Science Center is teaching kids STEM in the Park.

“We’re really excited. We have missed people being in our space and so, to be able to take our programming outside, in kind of a safe space, but also enjoy the sunshine and enjoy summer,” said Montana Science Center executive director Abby Turner, “it means a lot to see faces and see our friends again.”

The event that takes place at 10 a.m. on Mondays is designed for ages two-and-a-half to nine years old.

“STEM in the Park includes a topical story for that week, a science experiment and then also an activity to take home,” Turner said. However, the event is not just for kids.

“STEM in the Park is designed for those parents and caregivers that have been inside the home to come out and enjoy the sunshine, do something that's super-fun and educational together,” said Turner.

Social Media

@MontanaGirlsSTEM
@MTgirlsSTEM

Partners

Honorary Chair
Lt. Governor
Mike Cooney

States@MillionWomenMentors.com
Programs & Plans

Green Our Planet Showcase
As schools closed in March 2020, Green Our Planet developed the Virtual Academy — innovative online video lessons to help students continue learning about science, nutrition, and more. Taught by horticulture experts and created by a team of filmmakers, the videos focused on learning with nature through agriculture and hydroponics and have received over 5,000 views.

Steering Committee

Lt. Governor Kate Marshall - Honorary Chair  
U.S. Senator Catherine Cortez Masto - Honorary Chair  
Jan Jones Blackhurst - Honorary Chair, Chief Executive in Residence, UNLV IGI

Lora Picini, Former Caesars Entertainment  
Radhika Raghavan, Former Caesars Entertainment  
Courtney McKimmy, Office Of The Governor Of Nevada  
Christina Lopez, Office Of The Governor Of Nevada  
Lisa Levine, International Game Technology, PLC  
Molly Walt, Former Nevada Commission For Women  
Sonia Petewich, Tauren Consulting Group  
Snehal Bhakta, Clark County School District  
Bob Sussex, Kriss Partners, Inc  
Tracey Gaffney, Governor Office Of Science, Innovation and Technology  
Ciara Bryne, Green Our Planet  
Heather Wilde, ROCeter  
Kristen Dwyer, College Of Southern Nevada  
Brian Mitchell, Governor Office Of Science, Innovation and Technology  
Caryl Dziedziak, University Of Las Vegas Nevada  
Julie Murray, Nevada International Women's Forum  
Pat Mulroy, Nevada International Women's Forum  
Richard Vineyard, Science Olympiad Of Nevada  
Clarissa Cota, College Of Southern Nevada  
Stacey Dallas Johnson, Clark County School District  
Randi Reed, Ozmen Center  
Silvia Dallas Johnson, Ridgeline, Inc  
Catherine Oaks, Slice Marketing  
Anita Romero, Nevada International Women's Forum  
Sallie Haws, Nevada International Women's Forum

Honorary Chairs

Lt. Governor Kate Marshall  
U.S. Senator Catherine Cortez Masto  
Jan Jones Blackhurst

Spotlight

Future Innovators Award at Consumer Electronic Show 2020  
Three Las Vegas High schoolers were named Future Innovators at CES 2020.

News & Events

On #InternationalDayofWomenandGirlsInScience 2020, the Lt. Governor was celebrated at the Lake Tahoe School Science Fair. Projects ranged from machine learning in tic tac toe to DIY charcoal water filters.

The Lt. Governor participated in the Million Women Mentors 2019 Annual Summit and Awards Gala as part of the Government Leaders Panel.

In March 2020, the Lt. Governor talked about the importance of mentorship at UNR’s 2nd Annual International Women’s Entrepreneurship Symposium, especially for those going into STEM related ventures.

On February 7, 2020, the Women’s Suffrage Celebration and Recreation Event were held. Information tables were set up and student volunteers from Bishop Manogue High School and Leadership class distributed information and answered questions for the Nevada Commission for Women, Million Women Mentors Nevada, and the Women’s Suffrage Celebration Committee.

Research and innovation in Southern Nevada took a major step forward on January 23, 2020, with the debut building at the UNLV Harry Reid Research & Technology Park in Las Vegas, highlighted by the Black Fire Innovation technology hub.
News & Events

Innovation Summit

The 2020 Innovation Summit celebrated all aspects of innovation in NH during the professionally livestreamed main event! The event featured a Startup Showcase, where you got to know six NH startups and found out who was selected for Millworks Fund II investment, and the 2020 Entrepreneur of the Year.

“For nearly a decade, the Alliance’s TechOut and Startup Shindig events have been a platform for startups to gain exposure and meet fellow entrepreneurs throughout the state, the pairing of these programs with the Entrepreneur of the Year just made sense,” said Julie Demers, executive director, NH Tech Alliance. “We were able to celebrate all stages of entrepreneurship on a virtual platform that has the potential for national and even global reach”.

Spotlight

TechWomen Ambassadors Week (TWAW) is focused on building a strong community of women who are enthusiastic about technology and supporting efforts for young women to explore STEM careers. Since its inception in 2015, TWAW has been connecting our extraordinary community of volunteers to students by facilitating the opportunity to share their education and career experiences.

Supported by the New Hampshire Tech Alliance and sponsored by local businesses, TWAW exposes students to opportunities they may not have realized were possible. Over the years, TWAW has reached over 2000 students and engaged over 250 professionals and over 450 student volunteers.

Programs

TechWomen | TechGirls

TechWomenTechGirls is a NH Tech Alliance initiative focused on building a strong community of female professionals enthusiastic about technology and supporting efforts where girls are exploring STEM as a career or area of study.

TechWomenTechGirls holds programs for professional women to connect, educate and explore ideas around career development, technology initiatives and innovation. The community also deploys volunteers and mentors to support academic STEM initiatives and events for girls happening all over New Hampshire.

New Hampshire Destination Imagination: Girls Engineering In The Future

The New Hampshire Innovation and Creativity Connection, FIRST®, Destination Imagination®, and the University of New Hampshire have combined their decades of experience fostering problem solving and innovation to build an adventure that will bolster the self-confidence, lift the spirit, and engage the minds of young women. To inspire the next generation of female leaders, the camp will focus on critical life skills like research, teamwork, consensus building and prototyping to create a microcosm of how businesses are run today. Through a blend of teen activism and service learning, campers will gain tools they need to affect change and harness the power of innovation.

Honorary Chair

U.S. Senator
Jeanne Shaheen
Programs & Plans

New Jersey STEM Pathways Network

The New Jersey STEM Pathways Network, a strategic public-private alliance, was established in 2014 by the New Jersey Office of the Secretary of Higher Education to define and guide a STEM vision for cradle to career pathways in New Jersey. The NJSPN is chaired by Laura Overdeck, Chair of the Overdeck Family Foundation and Founder of Bedtime Math and is managed by the Research & Development Council of New Jersey. The NJSPN aims to attract, cultivate and retain a 21st century workforce in New Jersey, ensuring the state remains a top global competitor in STEM industry and continues its rich history of innovation.

Destination Imagination

At Destination Imagination, they believe that when an educational experience is hands-on, collaborative and fun, students are empowered to take their learning to the next level and are excited to do so. DI provides unique educational experiences across seven project-based Challenge types—Technical, Scientific, Engineering, Fine Arts, Improvisational, Service Learning, and Early Learning. New, open-ended Team Challenges are developed annually with the help of educators, subject matter experts and qualified volunteers to cover a wide range of student interests and align to current educational standards.

LEAP Academy FABELAB’s SciGirls Program

LEAP’s founding mission is to enhance opportunities for the children and families of Camden, NJ, through the collaborative design, implementation, and integration of education, health, and human services programs and through community development. LEAP is focused on academic excellence and successful transition to college and careers. For more information, please visit leapacademycharter.org.

Social Media

/facebook/MWMentorsNJ /twitter/MWMentorsNJ

Spotlight

NJ STEM Month 2020

NJ STEM Month is a celebration co-hosted by the New Jersey STEM Pathways Network and Research & Development Council of New Jersey that highlights the Garden State’s incredible accomplishments in science, technology, engineering, math and innovation.

With the support of Governor Murphy’s administration and Assemblyman Andrew Zwicker’s office, NJ STEM Week expanded to include the entire month of March in 2018. March is now New Jersey STEM Month as designated by the New Jersey State Legislature and gubernatorial proclamation.

Steering Committee

Alfred Dansbury, City of Camden, Dept. of Planning and Development
Keith Davis, Camden Dream Ctr.
Kim Case, R&D Council of NJ
Sally Nadler, MechaFORCE
Balaji Ganapathy, Tata Consultancy Services
Jeff M. Stoller, NJDOL
Jacquelyn Litt, Douglass Residential College, Rutgers University
Tanya Oznovich, NJ Dept. of Environmental Protection
Judy Savage, NJ Vocational Schools Council
Nicole Arnold, Rutgers University
Betty Boros, NJ Business & Industry Association
Lina Klebanov, Tata Consultancy Services
Catalina Kowal, Cisco Systems
Mike MacEwan, STEM Consultant
Stefanie McCall, Tata Consultancy Services
Dr. Kim Metz, Hunterdon County Polytech
Col. Edward Petersen, Picatinny Arsenal
Jessica Cangelosi-Hade, Hunterdon County Polytech
Shahram Dabiri, Picatinny Arsenal
Dr. Todd Fay, Milford Elementary School
Dr. Mary Fernandez, MentorNet
Ebony Grace, NJSACC: The Statewide Afterschool
Laura Greenstone, NJ Certified Disaster Response Crisis Counselor
John Henry, New Jersey School Board Association
Carl Jackson, Sr., Retired IBM
Carina Pologruto, Marketsmith
Karen Richards, New Jersey Technology Talent Network
Ed Stoloski, East Amwell Elementary
Abigail Santner, Tata Consultancy Services
Ralph Stowe, AT&T CDT Work
Ralph Tillinghast, Picatinny Arsenal
Dr. Nannette Wright, Lockheed
Dr. Elaine Zundl, Center For Women and Work, Rutgers University
Programs

New Mexico Out-of-School Time Network (NMOST)
The network brings together policymakers, educators, childcare providers, youth development workers, and other stakeholders interested in ensuring positive youth development opportunities and outcomes through out-of-school time programs.

ChickTECH
ChickTech is a national organization facilitating hands-on technology-centric events and programs to empower, support, and increase the confidence of women and girls. Through events, they build community, empower participants to see themselves as leaders, and provide networking and mentoring opportunities in the rapidly growing high-tech industry.

CoderGals
CoderGals is an organization where female high school mentors teach elementary school girls how to code through free after school workshops. Their mission is to spark young girls’ interest in coding through fun, creative, and collaborative projects. No prior coding experience is necessary for mentors.

Engineer Girl
Bright, energetic girls from all over the United States helped create the resources on this website. Available in English or Spanish, this site has career information, a gallery of women engineers, and info on preparing for an engineering career.

FabFems
The FabFems directory is a national database of women in science, technology, engineering and mathematics (STEM) professions who are inspiring role models for young women. The FabFems directory is accessible to young women, girl-serving STEM programs, and other organizations that are working to increase career awareness and interest in STEM.

Spotlight

Girl Scouts of New Mexico Trails announced that Natalie Aulwes of Los Alamos has been named a 2020 National Gold Award Girl Scout by Girl Scouts of the USA. Natalie was selected as one of ten teens in the country for engineering a solar-powered helicopter pad at the Pajarito Ski Area and mentoring her peers to encourage more interest in engineering. Annually, GSUSA recognizes ten of these girls as National Gold Award Girl Scouts for completing projects that exemplify strong leadership and sustainable impact.

News & Events

Tech Trek for STEM
AAUW TECH TREK NEW MEXICO
Tech Trek, a week-long camp at New Mexico Tech campus for girls who are passionate about Science, Technology, Engineering, and Mathematics (STEM), was postponed until July 2021. Sponsored by the American Association of University Women of New Mexico, a total of 60 girls from all over New Mexico attended last year. “They come from schools all over the state,” AAUW board member Cheri Burch said. “That’s our goal, to reach out to girls from all over the state, so we try to get girls from all the rural areas. They learn so many new things, that is what’s so impressive.” Burch said the girls were immersed in a world that empowers and encourages them to think about themselves as future scientists, engineers, mathematicians, and computer specialists.

According to the AAUW, Tech Trek has been shown to significantly increase girls’ self-confidence and their interest in and excitement about the STEM fields.
News & Events

Green Girl Power

A City Parks Foundation (CPF) after-school program is empowering East New York girls to raise their voices as environmental advocates for their local community. Green Girls provides female students, ages 10 to 13, at the Science and Medicine Middle School with free, weekly environmentally-focused STEM education which they then apply during field trips and community service projects. Added bonus: The girls get to put their knowledge to use while working side-by-side with City Parks specialists and learning how to care for their own local ecosystems. Girls can sign up at the beginning of sixth grade and continue with the program through eighth grade. After that, they have the option to stay on as peer mentors and, eventually, begin a paid internship in 10th grade.

Columbia Girls in STEM Initiative

Launched by Columbia University’s School of Professional Studies with support from corporate partners and community organizations, the Columbia Girls in STEM Initiative addresses the persistent gender gap across science, technology, engineering and math fields. It prepares students from underrepresented populations to enter college and the workplace with increased confidence and capability. The initiative completed its fourth year in four cities across the United States.

Spotlight

Explore the possibility of a future in S.T.E.M.

The GSTEM Summer Program, offered through the NYU Courant Institute of Mathematical Sciences, gives high school juniors the chance to work on real-world projects alongside researchers. The program strives to break down barriers and empower those who have been historically underrepresented in STEM – especially girls and other minorities.

Programs

1000 Girls, 1000 Futures

1000 Girls, 1000 Futures is a groundbreaking initiative designed to engage young women interested in science, technology, engineering, and math, and advance their pursuit of STEM careers through mentoring and 21st-century skills development. The program is for girls around the world, aged 13-18 years old currently enrolled in high school or an equivalent, who are enthusiastic about STEM, and women working in STEM, across all disciplines and sectors, who are willing to act as mentors, coaches, and role models. The program includes one-to-one mentoring from real scientists and engineers (two virtual meetings per month), coursework, completed at your own pace, emphasizing college readiness, leadership, communication, and critical thinking and the opportunity to network with an awesome group of peers and female STEM professionals through social interaction, message boards, online events, and activities such as an optional Book Club. This is a safe, fun place to be a smart girl!

New York STEAM Girls Collaborative

The New York STEAM Girls Collaborative brings together organizations throughout New York that are committed to informing and motivating girls to pursue careers in science, technology, engineering, and mathematics (STEM). The New York State Network for Youth Success is the lead agency for the NY Collaborative. Too often, programs that serve girls in STEM are limited in service and impact due to size, location, funding, expertise, and equipment. In other cases, projects compete with each other, duplicating services and seeking the same resources. New York STEAM Girls Collaborative provides the opportunity for programs to increase their ability to maintain interest and participation of girls in STEM within New York through collaboration.

Honorary Chair

Lt. Governor
Kathy Hochul
Contact Info/State Leader:
Dr. Gwen Dolyn Wise-Blackman - revgmwb@gmail.com

Programs & Plans

NC STEM Center
Our goal is to ensure all North Carolinians have access to STEM learning that provides them with good choices in life and reinforces the economic strength of their community.

- Learn about the importance of STEM education for North Carolina.
- Find high-quality and engaging STEM programs in our statewide program database.
- Share resources and knowledge with others across the state and nation.
- Connect with others dedicated to ensuring the success of all North Carolina students.

The Connectory & NC STEM Center Collaboration
Do you have a program doing great work to promote science, technology, engineering and mathematics education in North Carolina? You can now share it through the NC STEM Center. And now, through our partnership with The Connectory, programs listed on NC STEM Center are sent to The Connectory's national database for possible inclusion.

Twice a month the NC STEM Center provides an e-update on what's happening in STEM.

News and Events

It's the season for Career Fairs and Triangle Women in STEM is ready to help you present your best virtual self from how to get ready for a virtual career fair to what to do in a virtual interview. You heard directly from company recruiters on what they are looking for at the career fairs and during the interviews. The Fall Ultimate Icebreaker was held on Wednesday, September 9th, from 6:15 – 7:30 pm via Zoom.

On Wednesday, May 27, MWM-North Carolina held a statewide webinar to encourage more members to join the steering committee. This webinar included participants from across the state and MWM information was presented by National States Chair Sheila Boyington. She was joined by Dr. Rev. Gwendolyn Wise-Blackman and the Computer Science leader for the North Carolina Department of Public Instruction Dr. Mary Hemphill. There was definite interest in participating on the steering committee and the leaders then followed up with a statewide meeting in July to begin additional efforts. If you have interest in being part of the MWM-North Carolina team please contact Gwen at revgmwb@gmail.com.

Steering Committee

State Representative Graig Meyer - Honorary State Chair

Honorary Chair – Dr. Carmen Sidbury, UNC Wilmington Center for STEM
Gwendolyn Wise-Blackman, Ph.D., M.Div., Gwen Wise-Blackman Consulting
Ann L. Brown, St. Augustine University
Lakshmi Iyer, Ph.D., Walker College of Business, Appalachian State University
Delia Lofton, Wake Technical Community College
Linda McCabe-Smith, NC State University
Ricketa Mangum, Walmart
Angelia Reid-Griffin, ITFSE Dept., UNC Wilmington
Tanya Scott, Ph.D., Wake Technical Community College
Pamela Gibson Senegal, Ph.D., Piedmont Community College
Monica Smiley, Enterprising Women Magazine
Pamela J. Silvers, Asheville-Buncombe Technical Community College
Donna Strickland, SAS

Social Media

@MentorsNC

Honorary Chair
State Representative Graig Meyer
News & Events
Ohio names NEW Chairwoman Grace Brown
Grace is proud to be the first college student to become a Million Women Mentors State Chair. She is a 21-year old junior at Ohio State University on the pre-med track to become an OB/GYN.

Grace’s advocacy for women in STEM began in 2016 when she entered her first preliminary competition in the Miss America Organization and declared her social impact initiative to inspire future female STEM leaders. Since then, her activism has flourished into multiple projects and initiatives, impacting thousands, with a focus on mentorship. Grace looks forward to growing Ohio’s STEM mentorship for women and girls as the movement’s newest Chairwoman.

U.S. Congresswoman Joyce Beatty, OH-03, named Honorary Chairwoman
Choosing an Honorary Chairwoman for Ohio was a natural extension of an ongoing dialogue between Grace Brown and U.S. Congresswoman Joyce Beatty. They collaborated on several initiatives, one of which was a “Community Conversation,” an event for 300 Central Ohio eighth grade and freshman girls, parents, and community leaders. The purpose of the event was to introduce girls to the need and opportunities that await them in STEM, as well as expose them to successful STEM professionals. However, due to COVID-19, this event was postponed until Fall 2021. Grace and the Congresswoman are also working on a national initiative, which will be announced soon!

International Day of Women and Girls in Science: Panel Discussion
Grace was honored to join a panel of women in Science at Blendon Woods Metro Park on February 15, 2020. She spoke about the urgency for quality mentorship for girls and women in STEM in the Buckeye state and the benefits of aligning with MWM. She also shared her personal experience of being a woman in STEM in 2020. The diverse panel included a South African Elephant Researcher, a wildlife education coordinator, and a retired life sciences teacher/monarch butterfly specialist to name a few.

Steering Committee
U.S. Congresswoman Joyce Beatty – Honorary State Chair
Grace Brown, Student at Ohio State University

Programs & Plans
MWM Student Organizations

Fall 2020 was used to plan, organize, and apply for a NEW student organization on the campus of Ohio State University, called MWM at OSU, while building a template for additional MWM student organizations across Ohio’s campuses. Ohio’s MWM Chairwoman Grace Brown is a junior STEM major at OSU, studying Biology pre-med with plans to attend medical school and become an OB/GYN. Throughout her time at OSU, she has experienced first-hand the challenges and rigor of STEM studies at the college level, and quickly discovered the need for uniting women together to work through these challenges. Her plan is to provide a safe space for female college STEM majors to find encouragement, tutoring, friendship, and, most importantly, mentorship through weekly study session opportunities and monthly meetings. In addition, Grace and her committee will seek out other female STEM leaders on campuses across Ohio to organize and lead their own MWM organizations, as well as visit local high schools and speak to young girls interested in STEM. If you or someone you know would like to be involved with this effort, please contact Grace at gracebrownohio18@gmail.com.

GIRL2GIRL

Girl2Girl, founded by Grace in 2017 and recently designated a 501(c)3 organization in the state of Ohio, is designed to inspire middle school girls across the state to explore their talents in Science, Technology, Engineering, and Math (STEM), and seek additional learning opportunities and mentorship to prepare them for a successful STEM career. A secondary goal of the program is to introduce students to female STEM professionals, so they see real-life examples of successful women in various STEM fields. Since its inception, Girl2Girl has impacted the lives of over 3,000 girls, and is an official partner of the Girl Scouts of Ohio’s Heartland. Girl Scout troops can schedule Girl2Girl for a troop visit and earn their Girl2Girl fun patch for completing the program. For more information or to book Girl2Girl for your middle school or Girl Scout troop, email gracebrownohio18@gmail.com. EXCITING NEWS! Girl2Girl has gone VIRTUAL and will pop into classrooms and homes across Ohio and beyond this Fall and Winter. Schedule soon, as spots will fill fast!
Programs & Plans

**techJOynt Academy**

TechJOynt Academy is a place where students can come to discover STEM education. Many of our members and parents refer to us as the “YMCA of STEM.” Our facility is host to a multitude of activities and programs for K-12 and beyond. Our programs include Field Trips, After School Programs, Day Trips, Spring/Fall Break Camps and Summer Camps. We even offer professional development for college students, post-college graduates, educators and corporate teams.

**Oklahoma SDE**

The Oklahoma State Department of Education is dedicated to preparing students for 21st Century workplace careers by providing high-quality educational opportunities in science, technology, engineering, and mathematics (STEM) fields. In Oklahoma, STEM education includes the individual disciplines of mathematics and science as well as the purposeful integration and application of mathematics and science with technology and engineering. To ensure Oklahoma students become inspired learners and prepared leaders who can solve the challenges of a world of emerging STEM careers, the Oklahoma State Department of Education STEM Team will provide leadership, support, and resources to allow for the design and implementation of effective STEM learning environments and prepare students to make informed decisions on STEM issues and careers.

**Tulsa Regional STEM Alliance**

The Tulsa Regional STEM Alliance’s mission is to build broad, deep, and innovative pathways for students to access high-impact careers in STEM. Their programs and events include Tulsa Girls’ Math Circle, Flight Night Drone Competition, CIMAREX Sonia Kovalevsky Day and Coding Camp in Summer 2021.

**Oklahoma GEAR UP**

Oklahoma GEAR UP helps students and families prepare for college through preparation and planning resources, readiness tools and scholarship opportunities. Camps and programs include Girl Power, a summer camp at the University of Central Oklahoma helping girls discover careers in STEM, and Appreciating Real World Technology summer camp at Rogers State University, where students can build drones and use a flight simulator.

**Oklahoma Women In Tech**

Oklahoma Women in Tech is a nonprofit organization of professionals in the technology industry, with a determination to bridge the gap between genders in STEM fields.

Spotlight


This fall, the Tulsa Chapter of the international nonprofit The Links, Incorporated offered Black Girls Can C.O.D.E. (Coding Opportunities for Developing Empowerment), a program to encourage African American girls to become innovators in STEM fields. The Links is a service organization whose membership is made up of professional women of African descent; it has 288 chapters in 41 states.

The goal of the program is to introduce computer-coding lessons to Tulsa-area African American girls, grades 5-8. Lessons began in November and ran for six months, with bi-weekly sessions of 60-90 minutes. Students were required to complete a short application in order to be considered. Tulsa’s Links chapter is offering the program free of charge.

Steering Committee

Emily Mortimer, Tulsa Regional STEM Alliance
Xan Black, Tulsa Regional STEM Alliance

News & Events

SAGE STEAM Camp Enriches Oklahoma Students

The Southwest Alliance for Girls’ Enrichment in Science, Technology, Engineering, the Arts / Humanities, and Mathematics (SAGE STEAM) Camp is a week-long residential program held on SWOSU’s Weatherford campus each summer. Students get hands-on experience in science experiments, technology applications, design and building, writing reflections, and math applications while interacting with other girls like them.

Social Media

@STEMEduc  @techJOynt  @TulsaSTEM
Programs & Plans

Oregon Girls Collaborative Project

The Oregon Girls Collaborative Project brings together organizations throughout Oregon that are committed to informing and motivating girls to pursue careers in science, technology, engineering, and mathematics (STEM). OGCP works to strengthen capacity, increase continuation of girl-serving STEM programs, and create more champions for gender equality in STEM education and careers. Oregon Girls STEM Collaborative is based upon a model developed by the National Girls Collaborative Project, and replicated through a grant from the National Science Foundation.

Girls Inc. of the Pacific Northwest

We want to involve even more volunteers in our efforts to engage girls in learning experiences that spark their curiosity and development. By engaging volunteers, we are able to extend our reach throughout the Pacific Northwest and give more girls access to the Girls Inc. experience. As a STEM Professional you have the unique opportunity to work directly with girls in our Girls Groups. You will be able to use your skills in a science, math, engineering, or technology field to help girls discover the scientist within. More so, you get to see a girl’s eyes light up when she carries out an experiment, solves a problem, makes a discovery, or learns that - just like you - she can become a leader in STEM! For more information, please visit http://www.girlsincpnw.org/stem-professionals.

STEM Like a Girl

Our Parent-Daughter Workshops are designed to provide an introduction to STEM activities for 3rd-5th grade girls and their parents (or other adult caregiver) in the Portland Metro area. Many other STEM-based programs are costly, require a significant time commitment, or are targeted towards families already interested in science and engineering. We aim to make STEM activities available to ALL GIRLS and their families, in particular those who don’t have access to other programs.

Spotlight

Oregon is one of six states participating in the third year of a national Leap into Science network initiative. Our state leadership team organizations include: OregonASK, State Library of Oregon, and Oregon Center for Career Development.

The four-year initiative is led by The Franklin Institute, the National Girls Collaborative Project, and the Institute for Learning Innovation, and will be evaluated by the Education Development Center, with support from the National Science Foundation.

Developed by The Franklin Institute, Leap into Science is a nationwide program that integrates open-ended science activities with children’s books, designed for children ages 3-10 and their families. The program empowers educators to offer programs in community settings like libraries, museums, and out-of-school time programs to engage underserved audiences in accessible and familiar settings. This evidence-based program will be made available to a limited number of informal educators in Oregon through in-person trainings. Funding for this project allows us to provide reduced-cost resources through 2020.

Steering Committee

Governor Kate Brown - Honorary State Chair

Bethany Thramer, Policy & Outreach Coordinator, OregonASK
Beth A. Unverzag, Director, OregonASK
Julia Betts, STEM Center Manager, Portland Community College
Julia Canel, Museum Education Specialist
Melissa Dubois, Director, South Metro Salem STEM Partnership
Janel Hull, Portland Program Manager, ChickTech
Keelan LoFaro, Assistant Professor of Education, George Fox University
Krina Lee, Education Consultant, Salem-Keizer Education Foundation
Jacqueline Murphy, Project Manager, Collins Foundation
Elizabeth Nye, Executive Director, Girls Inc. of the Pacific NW
Jo Oshiro, STEM Education Advocate
Jamila Tai, Founder, Tiny Tech Academy
Sherry Yang, Professor, Computer Systems Engineering Technology, Oregon Institute of Technology
Kathy Zettl-Schaffer, Regional Affiliate Manager, NCWIT
Tong Zhang, Executive Director, Oregon MESA
Tamara Belgard, M Financial Group

Honorary Chair
Governor Kate Brown
News & Events
Da Vinci Science Center’s 2020 Women in Science & Engineering Forum was Broadcasted Live on PBS39
The Da Vinci Science Center is thrilled to announce a partnership with PBS39 that brought the 2020 Women in Science & Engineering (WISE) Forum into the homes of viewers on Sept. 9. Six female professionals shared their perspectives on working in science, technology, engineering, and math (STEM) fields and the opportunities and challenges women face when pursuing a career in male-dominated fields. Viewers submitted questions for the panel and saw their questions answered live, on-air. The live broadcast took place on Wednesday, Sept. 9 from 5:30-7 p.m. on PBS39. More information on the event and each of the panelists can be found online at davincisciencecenter.org.

Virtual STEAM Programs for Schools and Community Organizations
Your students can explore Science, Technology, Engineering, Art, and Math (STEAM) from home or in your classroom with the expertise of Da Vinci Science Center educators in this interactive online experience. We bring science to life and lives to science with our usual recipe of hands-on materials, fun activities, and knowledgeable educators. It feels just like a Da Vinci classroom program – in your space! All Programs include:
- An hour-long virtual session per topic with a Da Vinci Science Center educator via ZOOM.
- A material kit for each student that is theirs to keep.
- Materials and instructions for additional activities, games, and challenges.
- Activity Guides in English and Spanish.

Virtual STEAM Shows Program Details
- Virtual demonstration performed by one of our Da Vinci Science Center Educators.
- 45-60 minute session via ZOOM.
- Available Tuesdays and Thursdays.
- $250 per show for up to 100 students.

Spotlight
Why the Need for Women in STEM?
In Pennsylvania, the demand for STEM jobs is growing 3x as fast as the demand for non-STEM jobs.

Steering Committee
Dr. Bili Mattes, Harrisburg University of Science and Technology & Executive Director, STEM-UP Network
Dr. Beverly Magda, Harrisburg University of Science and Technology
Karen Manning, Cisco Systems Inc.
Sherry DuCarme, Cisco Systems Inc.
Erin Armstrong, B Braun
Gina Badowski, Erie Insurance
Claire Kelling, Pennsylvania Commission for Women
Dr. Jennifer Ibrahim, Temple University
Lin Erickson, Da Vinci Science Center
Megan Ketchum, GlaxoSmithKline

Programs & Plans
Erie Insurance Women’s Affinity Network
The Erie Insurance Women’s Affinity Network began a program inspired by the Million Women’s Mentoring platform in March 2018. Each semester, volunteers of our mentoring team have made connections with over a dozen (and growing) middle school ladies at the local center for families new to the United States. Each week the team meets for a half hour planning session, and 1-2 hours at the center to conduct science experiments, like designing the best catapult or making OOBLECK, ice cream, or smoke! Mentors help them discover new careers and participate in self-discovery/other mentoring activities. The program gives them opportunities. An opportunity to get honest answers to their questions directly from a professional working in the career of interest. An opportunity to gain valuable practice for interviewing and constructive feedback. An opportunity to explore and expand their view of what’s out there, and what’s inside.

Social Media
#PAGirlsinSTEM
Spotlight

MWM-RI Coalition

MWM-RI has re-organized into a coalition of organizations including the Rhode Island STEAM Center, Mentor Rhode Island, National Center of Women in Technology (NCWIT), and Women in Tech Mentor Program, Tech Collective.

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Steering Committee

**Governor Gina Raimondo - Honorary State Chair**

Carol M. Giuriceo, Rhode Island STEAM Center, Rhode Island College

Derya Sari, Rhode Island STEAM Center

Kimberly Kowal Arcand, NASA's Chandra X-ray Observatory

Lisa Bain, Rhode Island College

Victoria Chávez, Brown University Graduate

Sarah Eltinge, Rhode Island Quality Institute

Desiree Forsythe, University of Rhode Island

Lindsay Kuhn, Inventing Heron

Christopher Margadonna, MENTOR Rhode Island

Michelle Pope, CompuClaim

Andrea Russo, Microsoft Philanthropies

Jo-Ann Schofield, MENTOR Rhode Island

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Programs & Plans

**Rhode Island STEAM Center @ Rhode Island College**

The Rhode Island STEAM Center serves as a central educational hub and statewide resource focused on building partnerships, advocating for increased science, technology, engineering, arts + design, mathematics (STEAM) literacy in Rhode Island, and nurturing, promoting, and implementing research-based practices. The Center provides leadership and advocacy for STEAM education through building coalitions and sustaining partnerships with higher education, K-12, business and industry, after school programs, informal education, non-profit organizations, community-based groups, and government agencies that are dedicated to building long-term interest and active engagement in STEAM.

**Mentor Rhode Island**

MENTOR Rhode Island is an affiliate of MENTOR: The National Mentoring Partnership and an official technical assistance provider of the National Mentoring Resource Center. MENTOR is the unifying champion for quality youth mentoring in the United States.

MENTOR's mission is to close the "mentoring gap" and ensure our nation's young people have the support they need through quality mentoring relationships to succeed at home, school, and ultimately, work. Mentor Rhode Island envisions a Rhode Island where all youth are connected to relationships with adults who inspire and support them.

**Women in Tech Mentor Program**

The mission of the mentor program is to connect women to create a mutually beneficial relationship geared toward professional and leadership development. The Mentor Program matches experienced and up-and-coming professional women to share best practices, answer questions, offer advice, and provide support in the tech industry.

Since the inception of the program in 2012, it has served almost 200 women in the greater Rhode Island area.
News & Events

2020 Fall Symposium via Zoom
Approximately 68 individuals attended the 2020 Fall Symposium via Zoom.
The event was hosted by Judy Gaston, evening anchor at WIS, the NBC television station in Columbia, SC. Event leaders presented great information on STEM initiatives, such as SC Codes classes for job hunters, PACE Scholarship Academy’s mission for students to attend college for free, and a panel of STEM/Mentoring organizations robust discussion on pivoting during the pandemic while still keeping students engaged.

MWM-SC received positive feedback from the community after the symposium as well as questions of what is next and how to get involved.

https://youtu.be/OmOUOxM9Pb4

Programs & Plans

Since COVID-19, the Steering Committee Regrouped & Refocused in August and have identified a new State Lead and Student Lead as we transition into the next phase of our young organization.

State Lead: Latia Gary

Born and raised in the Midwest, Latia Gary is from Cleveland, Ohio. A graduate of Kettering University (formerly General Motors Engineering Institute), she earned a Bachelor of Science in Electrical Engineering and a Master’s in Business Administration. Latia has 20+ years of experience in the engineering, construction, and manufacturing industries. In 2013, she launched LG Solutions, LLC, a Regulatory Compliance and Quality Assurance Consulting Firm. LG Solutions, LLC, evolved from her experience and satisfaction in assisting organizations develop quality assurance programs to meet contract and regulatory requirements. In addition to launching LG Solutions, LLC, Latia identified another passion in mentoring teenagers and young adults between the ages of 16 to 25.

Latia is currently mentoring 3 college students in engineering programs at various colleges in the US. In 2015, Latia collaborated with Midland’s Middle College to develop a mentoring program for their 11th and 12th grade students.

Student Lead: Lillie C. Hyman

Lillie Catherine Hyman is the current State Student Lead for South Carolina’s Chapter of Million Women Mentors. Lillie Catherine is a freshman at the University of South Carolina’s Honors College majoring in Mechanical Engineering. She is a part of the Society of Women Engineers as well as a volunteer for the Gamecock Pantry and Service Saturday at UofSC.

Steering Committee

State Representative Sylleste Davis - Honorary Chair

Alice Gilchrist, SC Coalition of Mathematics & Science (SCCMS)
Carmelina Livingston, SC Coalition of Mathematics & Science (SCCMS) & S2TEM Centers SC
Chris Wolfe, Electric Cooperatives of South Carolina
Donna Foster, PhD, Piedmont Technical College
Emily Coleman, Boeing
Kaye Shaw, PhD, SC Dept. of Commerce
Latia Gary, State Chair, LG Solutions, LLC & Southern Company
Lillie Hyman, Student Lead, University of South Carolina
Mary Molusky, ACT

Honorary Chair

State Representative Sylleste Davis

2021 Prep for College Webinar Series

The purpose of this webinar, coming in February 2021, is to allow high school & college students to discuss what to expect in their 1st year of college and how to navigate on a college campus (or virtual).

Social Media

Facebook: Million Women Mentors South Carolina
Twitter: MWM_SC
Instagram: MWM_SC
News & Events

February Engineers Week Luncheon

June Celebration of Women in STEM

New Steering Committee Members

Ann Shih
Heidi Weisenberger

Programs & Plans

Girls Experiencing Engineering

Girls Experiencing Engineering (GEE) is a summer program designed to attract young women to the STEM fields by increasing awareness of career opportunities, addressing misconceptions, and providing hands-on learning experiences that build confidence and offer leadership opportunities. 2020 marks the first virtual program offering for GEE students.

Chattanooga Women Come Together to Create Mentorship Program for High School Seniors

Four Chattanooga women created an opportunity for high school seniors to receive advice and college prep help from STEM mentors. It was open to all seniors in Chattanooga and surrounding areas. Mentors connected with mentees and assisted them in higher education preparation and provided them with advice on achieving their career goals.

Honorary Chairs

Lt. Governor Randy McNally
State Senator Bo Watson
Chancellor Dr. Flora Tydings

Spotlight

2019-2020 June Anderson Center for Women and Non-Traditional Students Outstanding Female Student Award

Nominated by MWM-TN leadership, the 2019-2020 June Anderson Center for Women and Non-Traditional Students Outstanding Female Student Award went to Emily Oppman and Sarah Mack. Both Emily and Sarah set great examples for their peers and younger girls, fully dedicating themselves to the Expanding Your Horizons Program, and excel academically.

Steering Committee

Lt. Gov. Randy McNally – Honorary State Chair
State Senator Bo Watson – Honorary State Chair
Chancellor, TN Board of Regents
Dr. Flora Tydings – Honorary State Chair
Lulu Copeland, State Lead
Sheila Boyington, Thinking Media / Learning Blade
Ronna-Renee Jackson, LaunchPoint Leadership
Denise Rice, Peak Performance Inc.
Dr. Judith Iriarte-Gross, Middle Tennessee State University
Savitha Pinnepalii, Chattanooga State Community College
Dr. Stephanie Ivey, University of Memphis
Sara Jackson, University of Tennessee at Chattanooga
Dr. Soubantika Palchoudhury, SWE Student Chapter Faculty Advisor, University of Tennessee at Chattanooga
Daniela LaCelle, ChaTech Women, AVP Unum
Jennifer Butler, ChaTech Women, VP BCBST
Cara William, ChaTech Women, InfoSystems
Danika Veldkamp, ChaTech Women, InfoSystems
Amanda Bennett, Interim Vice President of Student Affairs, Chattanooga State Community College
Ann Shih of Smoky Mountain SWE / Chemical Engineer, Process Engineer with Consolidated Nuclear Security in Oak Ridge
Heidi Weisenberger of SWE Chattanooga / Industrial Engineer with Kenco Logistics
Ronna-Renee Jackson, Launchpoint Leadership

Social Media

@MWM_TN

Contact Info/State Leader:

Lulu Copeland - 423.838.0508 - lulucopeland@gmail.com
News & Events

- Participating in the CSED Week virtual and in-person classroom STEM role model visits.
- Participating in Engineers Week virtual and in-person classroom STEM role model visits.
- Connecting STEM volunteers and mentors across Texas with classrooms, schools and out-of-school programs through Texas STEM Connections, a webbased volunteer matching system.

Spotlight

MWM-TX sends out monthly newsletters full of volunteer and mentor opportunities, program highlights, resources and more.

Programs & Plans

Training Role Models Across Texas
Throughout the year, MWM-TX has been training role models through Texas Girls Collaborative Project workshops on the Techbridge Role Models Matter curriculum using research-based best practices for engaging girls in STEM.

Working With Schools & Out-of-School Programs
MWM-TX also regularly works with Texas schools and out-of-school programs to help connect mentors and mentees throughout the MWM-TX network and the Texas STEM Connections online STEM volunteer matching system.

Recognizing Mentors, Educators and Organizations
Through the Stand Up for STEM Awards, MWM-TX recognizes individuals and organizations in Texas advancing women and girls in STEM. The MWM-TX Stand Up for STEM Awards recognize and elevate the work of incredible mentors, companies and organizations within Texas. Awards are presented annually to recognize STEM mentoring by high school and collegiate students or student groups, educational organizations, educators, STEM professionals and companies.

Steering Committee

Valerie Astorga, Harmony School of Innovation, El Paso
Cindy Berkman, BP, Houston
Dr. Tricia Berry, Texas Girls Collaborative Project/UT Austin Women in Engineering Program, Austin
JaNelle Casson, Texas 4-H Urban Outreach Programs, Killeen
Nandika D’Souza, University of North Texas, Denton
Tracy Friend, AgileOne, Frisco
Kimberly Lane, Lancaster ISD, Dallas
Candice Lawrence, Richardson ISD, Richardson
Rekha Patel, Halliburton, Houston
Rama Ponnappati, Baker Hughes, Houston
Dr. Asha Vaidya, Thinking Media (Learning Blade), Sugar Land
Terry Wood, BP, Houston

Social Media

@TxCPC #MWMTX

The 2020 TxCPC MWM-TX Stand Up for STEM Mentor Awardee

Margaret Baguio, Program Manager, Texas Space Grant Consortium, The University of Texas at Austin
Renika Atkins, Executive Director, Resources Inspiring Success and Empowering (RISE)
News & Events
SheTech Virtual Summit & Explorer Day are industry-centered, hands-on interactive STEM exploration days held across the country for 9th through 12th grade high school girls.
These day-long events are focused on hands-on activities in science, technology, engineering and math (STEM).
Girls spend the morning in hands-on sessions and the afternoon solving a technology challenge, pitching their solution and competing.

Spotlight
Utah is committed to accelerating the number of girls in the STEM talent pipeline through a unified effort across industry, community, education and government. This year the Women Tech Council, legislature and Governor worked together to declare March 20 Utah Girls in Tech day.

On this day, parents, educators, companies and communities were asked to engage girls in various opportunities to celebrate girls in tech, learn about tech careers, interact with role models and be inspired to pursue tech careers.

As part of this important day, the Women Tech Council created the GIT Challenge. The challenge is designed to help companies, parents, educators and community to actively create opportunities for girls in STEM and to recognize the amazing work that girls in tech are already doing.

Steering Committee
Governor Spencer Cox – Honorary State Chair
Tami Goetz, Chair, Utah STEM Action Center
Julie Simmons, Co-Chair, Women’s Tech Council

Programs & Plans
The STEM Action Center is a Girls Who Code Club Affiliate! The STEM Action Center has partnered with Girls Who Code to change the future of female coding. Girls Who Code is on a mission to close the gender gap in technology and to change the image of what a programmer looks like and does. Schools across the state can create after school clubs to provide girls (and boys) free computer science opportunities and a community of STEM-sisterhood.

SheTech, which operates in Utah, Idaho, and Colorado, impacts the talent pipeline and increases the number of girls pursuing STEM degrees as they graduate from high school. Girls tell us that they are 95% more likely to pursue STEM after participating, and each time they engage in a SheTech activity the likelihood of helping them see opportunities increases.

SheTech helps girls recognize the opportunities they can pursue in STEM. This program provides opportunities for young women to learn and discover how their dreams can be realized in tech.

The Annual Program includes:
- STEM Mentor 3x3 Connections (Each Semester)
- Tech Community Events
- Student Leadership Board
- SheTech Competitions
- Idea Pitch Competition (Fall)
- Workshop Competition (Winter)
- Women Tech Awards on October 28
- SheTech Adv Manufacturing & Aerospace Summit
- SheTech Virtual Summit on April 21
- SheTech Explorer Day

Honorary Chair
Governor Spencer Cox

Utah PTA.org
Utah PTA is a non-profit grassroots child advocacy association made up of parents, teachers, and students. Utah PTA is an affiliate of National PTA and is organized in Utah at local, council, and state levels.
UTAHPTA.org puts together some resources from National PTA and other great sites they recommend for STEM education.
News and Events

Sisters in STEM

NVA Sisters in STEM Initiative seeks out African American girls grades 3rd-12th to provide enrichment opportunities beyond the classroom. Industry professional women and college girls majoring in a STEM field serve as mentors, facilitators, and guest speakers. The girls participate in bi-weekly learning experiences that take place on the weekends for 2-3 hour sessions. These experiences include workshops, fieldtrips, community service, S.I.S. night outs, flight lessons, science immersions, and more. The program runs annually from September to May. For more information, please visit: https://www.nvastem.org/sisters-in-stem-s-i-s.

Regional Science and Engineering Fair

Fairfax County Public Schools hosted their 65th annual Regional Science and Engineering Fair on Saturday, March 21, 2020. It was held at Robinson Secondary School. The fair was comprised of winning science and engineering projects from high school students that represented private and public schools in Fairfax County. Winners of this this event progressed to the Virginia state fair and the International Science and Engineering Fair.

Spotlight

AAUW of Virginia: 5-Star State! ⭐⭐⭐⭐⭐

AAUW of Virginia has been awarded FIVE stars for Advancement, Communications & External Relations, Public Policy & Research, Programs, and Governance and Sustainability. AAUW of Virginia is the first state to receive stars under the Recognition Program. Many thanks to all who contributed so much time and effort to achieving mission-based goals for AAUW over the past year.

Programs & Plans

CodeVA

CodeVA is an educational non-profit created to promote computer science all across Virginia. Based in Richmond, VA, our teacher training efforts and outreach to districts, parents and policymakers assumes a statewide footprint. CodeVA was founded with the principle that anyone can code, and that every Virginia child has a fundamental right to computer science literacy. Since 2014, CodeVA has taken great strides in making computer science a priority for Virginia.

STEM for HER

STEM for HER is a non-profit foundation based in the Maryland, Virginia, and Washington D.C. area that promotes education to create awareness, excitement, and opportunities among girls and young women to pursue successful STEM-related careers.

AAUW

The American Association of University Women (AAUW) is the nation’s leading voice promoting equity and education for women and girls. Since our founding, AAUW members have examined and taken positions on the fundamental issues of the day — educational, social, economic, and political.

Girls In Technology

Girls in Technology is led by a committee of Women in Technology (WIT) members. We offer educational and hands-on STEM programs that promote creativity and innovation, and inspire girls to pursue STEM-related careers. GIT programs reach over 500 girls in the DC metropolitan area. Our programs help girls identify pathways to careers in STEM through engagement with women executives in STEM-related fields and STEM experiences provided by companies in the District, Maryland, and Northern Virginia.

Steering Committee

Dr. Carole Cameron Inge, International Association for STEM Leaders
Jennifer Bisceglie, InTEROS Solutions
Dr. Yvonne Thayer, VESTED Educational
Dr. Yvonne Harris, James Madison University Research and Scholarship, Division of Academic Affairs
James W. Dyke, Jr., Virginia State Gov. Relations/ McGuire Woods Consulting LLC
DuQuesa Pike, InTEROS Solutions
News & Events

STEM Summer Camps

Summer STEM Camps at WSU Tri-Cities are designed to be relevant, challenging, and fun! Latest advancements in science and technology are core to the foundation in which we design our curriculum. Each student receives the type of personalized instruction that motivates and inspires them to continue solving complex, yet practical, problems.

3rd Annual Girl Day (Introduce a Girl to Engineering) in the Library STEAMspace

Introduce a Girl to Engineering Day (Girl Day) is part of a growing movement to inspire girls’ futures and teach them that they can be part of engineering a better world.

The day included fun hands-on engineering activities, free snacks, and the opportunity to meet real female engineers and scientists from right here in our own community. This free event was open to all girls from 3rd - 12th grade.

#GirlDay is brought to you by:
- National Society of Black Engineers (NSBE) Tri-Cities Professional Chapter
- Eastern Washington Society of Women Engineers (SWE)
- American Society of Mechanical Engineers (ASME)
- Bechtel NextGen
- Women@Bechtel
- AECOM Future Leaders

Steering Committee

Veronica Smith, data2insight
Jillian Cadwell, Washington State University, Tricities

Spotlight

Girls Who Code WSU College Loops January 2020

Located in the CUB Sr. Ballroom, the first ever Girls Who Code WSU College Loops was tabled and welcomed those who were interested in the club and had an interest in coding. Students were able to sign up for the club then and there and learned what it meant to be a Girl Who Codes. Girls Who Code is a non-profit organization whose mission is to “close the gender gap in technology and to change the image of what a programmer looks like and does.”

Girls Who Code College Loops is the new extension of this organization where our girls take this to heart and to college!

Girls Who Code Alumni or not, any female or female identifying person in a computing field or with a coding interest can join!

Programs

Washington STEM

Washington STEM advances excellence, innovation, and equity in science, technology, engineering, and math (STEM) education for all Washington students.

Our regional STEM Networks bring educators, business leaders, STEM professionals, and community leaders together to build student success and engage them with STEM career opportunities in their local area.

Additionally they put out a newsletter and are actively campaigning to re-imagine science, technology, engineering and math education. For more information, please visit washingtonstem.org!

Social Media

@MWMWashington
News and Events

MWM E-Mentoring Webinar

In these uncertain and ever-changing times, mentoring is essential not only for transferring knowledge and skills, but also for providing personal support and professional socialization to mentees to facilitate their success.

We are grateful to LaNelle Ramey, Executive Director at MENTOR Greater Milwaukee, for his engaging and dynamic presentation on the importance of addressing cultural competence and applying appropriate strategies to ensure e-mentoring success.

"LaNelle did an excellent job highlighting the necessary structure to ensure a successful e-mentoring program with kids. I appreciated his candor in relating and sharing his experiences and expertise for all of us to use as we move forward in this virtual and physically distancing time."
Julie Bauer, Executive Director, Alliant Energy Foundation and Co-Chair, MWM Women Mentors - Wisconsin.

To learn more about the work of MENTOR Greater Milwaukee, please visit: https://www.milwaukeeementeror.com.

State Committee Best Practice: Data-Driven Solutions

The MWM movement in Wisconsin continues to build momentum under the leadership of MWM sponsors Alliant Energy, Northwestern Mutual, and Rockwell Automation. The first state steering committee meeting was preceded by a survey to identify the challenges of supporting girls and women in STEM across the state. Key challenges identified through the survey included lack of champions and advocates for girls in STEM, skewed perception of STEM careers, lack of awareness of the wide variety of STEM career opportunities, and not enough role models for young girls in STEM. Over 20 corporate, postsecondary, nonprofit and K-12 attendees joined the conversation to set the direction for MWM-WI in 2020.

Honorary Chair
U.S. Senator
Tammy Baldwin

Steering Committee

U.S. Senator Tammy Baldwin - Honorary State Chair

Julie Bauer, MWM WI Co-Chair | Alliant Energy Foundation
Stacy Zaja, MWM WI Co-Chair | Northwestern Mutual
Molly Schuld, Northwestern Mutual
Sarah Kaufmann, MWM WI Co-Chair | Rockwell Automation
Jay Flores, Global STEM Ambassador
Toya Griffin, Boys & Girls Clubs of Greater Milwaukee
Paul Mech, Discovery World
Larissa Yankovich, Discovery World
Mary Jo Shwabe, Fiserv
Catherine Marinizel, Fiserv
Sonal Desai, Fiserv
Tasha Helm-Willis, Fiserv
Gloria Randall, Fiserv
Stephanie Sklba, Gateway Technical College
Erica Nowicki, Girl Scouts - Badgerland
Crystal Polak, Girl Scouts - Wisconsin Southeast
Cristen Incitti, Girl Scouts of Wisconsin – Badgerland Council
Mari Stein, Junior Achievement of Wisconsin
Karey Sizemore, Malone Elementary and Intermediate Schools
Christine Dunbeck, MARS Solutions Group
Winnie Karanja, MAYDM
Betty Hill, MENTOR Milwaukee
Elizabeth Taylor, Milwaukee School of Engineering
Rich Merkel, STEM Forward
Tammy J. Salmon-Stephens, UW-Platteville

Programs & Plans

Discovery World generates excitement for STEM by offering summer camps and events that build skills, increase awareness of STEM-focused careers, encourage girls of all ages to follow their passions. Program information: https://www.discoveryworld.org.

STEM outreach at Milwaukee School of Engineering (MSOE) creates and supports inclusive, meaningful experiences for all students to explore the possibilities of their future, regardless of where their post-high school journey may take them. Program information: https://www.msoe.edu/academics/stem-community-programs.

The Wisconsin Science Festival (WSF) is a statewide celebration of science, technology, engineering, art and math held each fall. Festival information: https://wisconsinsciencefest.org.
**News and Events**

**2020 UW Teton STEM Academy**

This camp is for rising Wyoming 9th, 10th and 11th graders.

- Students explore science, engineering, math, and technology while creating and designing a return to the moon (and beyond).
- They experience life on the University of Wyoming campus while staying in the residence halls.
- Conduct lessons and experiments relating to health, physical sciences, and engineering as they plan a return journey to the moon!
- Plan activities that involve designing and printing 3-D spacecraft and assembling underwater scuba satellites!

**Wyoming Youth in STEM**

The Wyoming Youth in STEM organization strives to provide the youth of Wyoming with engaging opportunities to learn about careers in science, technology, engineering and mathematics through education, mentoring, and community support with annual conferences, alternating between Men in STEM, for young men in the 7th through 12th grades, and Women in STEM, for young women in the 7th through 12th grades. For more information, please email wyouthinstem@gmail.com.

**Children’s Museum of Cheyenne: Mobile Museum**

Children’s Museum of Cheyenne’s Mobile Museum has been “STEAMing Across Wyoming” since 2016! This mobile, interactive, “mini,” children’s museum train exhibit celebrates beautiful Wyoming by taking children on an inspired-learning journey around the state. The Mobile Museum provides different areas or stations, which facilitate a variety of hands-on, inspired learning activities. The activities will have activity prompts displayed that provide challenges and facilitate discovery. The activity prompts also encourage child/adult collaborative learning and guide children and adults through the exhibit, creating a path for playful and creative co-discovery. This will enhance children and adults’ interactive experience.

**K-14 STEM Education Programs**

Put on by the University of Wyoming, The College of Engineering and Applied Science looks forward to the opportunity to engage students and teachers in hands-on learning to build knowledge and understanding in the field of engineering. Annually they host a number of great programs for young girls and boys to engage in.

Each year the state of Wyoming celebrates computer science during one week in December. This is an opportunity for K-12 students to participate in Hour of Code and to also connect with experts in the field, including faculty and students from the University of Wyoming and receive an introduction to programming with engaging computer science activities.

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**Steering Committee**

- **Jaycey Lindsey**, Prablee Eggs & Hatchery
- **Lindsey Allbright**, 3rd Grade Science Teacher