A Salute to the Movement

Over the past 4 years, Million Women Mentors has grown out of a mere idea from a few impassioned leaders into a vast network of volunteers working every day to drive impact for women and girls in STEM careers. Because of this work, mentoring that is already happening across and beyond the MWM network is recorded. The MWM States effort has contributed to improving practice, increasing opportunities, and measuring impact. In 2018, we are proud to share that we have a network of over 40 states committed to this movement and that number continues to grow. We recognize that this kind of growth and support does not happen automatically, and it is because of the dedication of our volunteers that we are able to continue to grow and build.

In this MWM States report, you will see highlights from events that took place across the country. You will learn the “who’s who” of our State Committees and Honorary Leadership. You will celebrate pledge goals and completed mentoring relationships. What you will not see is how much work goes into making these events and relationships happen. The time and expertise our volunteers put in every year in order to reach more women and girls, to share the best resources, and to create new opportunities to support the movement. This report cannot detail all of the behind-the-scenes work that makes this possible. But please let it serve as a reference, a guide, and most importantly, a salutation to these tireless volunteers, new and veteran alike, who have become the difference for over one million women and girls in the United States and beyond. To all of our partners and volunteers, from all of us at Million Women Mentors, Thank You.
Why Million Women Mentors?

Employment in STEM occupations has grown 80% since 1990\(^1\) & STEM jobs pay better\(^2\):

- Average salary for entry-level non-STEM jobs requiring a bachelor’s degree or higher is $55,299
- Average salary for entry-level STEM jobs requiring a bachelor's degree or higher is $66,123, a 26% premium

However despite being 50% of the workforce, women:

- Make up only 24% of the STEM workforce
- And 50% of them leave their fields within 10 years, meaning only 6% of the STEM workforce consists of females with more than 10 years of experience.

And female high school students are far less likely than their male counterparts to pursue STEM degrees at all:

<table>
<thead>
<tr>
<th>% Interested in STEM</th>
<th>% Planning to Pursue Engineering or Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>44%</td>
<td>15%</td>
</tr>
</tbody>
</table>

1 in 9 women say they plan to pursue a career in engineering or technology.
Why Million Women Mentors?

Mentors can show:

- What **good STEM careers** are or do
- What **education** is needed to get STEM jobs
- The connection between **meaningful careers** and **higher salaries**

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

**Employees who volunteer** in the community are **2x**
more likely to report being **engaged at work**
&
Companies with **engaged employees** **outperform** those without by **202%**.

**Individuals who choose to mentor** are **6x**
more likely to be **promoted**
&
**23%**
more likely to **earn a raise**.
Our Goals

- Increase the percentage of high school girls planning to pursue STEM careers
- Increase the percentage of young women pursuing undergraduate degrees in STEM fields
- Increase the percentage of women staying and advancing in STEM careers

Our initial goal was to reach 1 million commitments to mentor by 2020.

In fall of 2017, we already had surpassed that goal with over 2 million commitments to mentor and 1 million completed relationships.
Million Women Mentors (MWM) is a movement to spark the interest and confidence in women and girls to pursue STEM careers and leadership opportunities through the power of mentoring.

Research shows that 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 their opportunities, particularly in science, technology, engineering, and math fields where women remain grossly underrepresented. Million Women Mentors directly connects member corporations to a constantly curated list of local girl-serving mentee organizations, leveraging tried and true resources and communications kits to help companies build their mentoring programs.

Rooted in local programs but tied to a national movement, MWM connects mentors to a network of over 1000 volunteers across over 40 active states and multiple context-specific initiatives. By taking local mentoring initiatives and connecting them to a nationwide and global movement, MWM proves that change comes from local efforts on the ground with an overall shared mission and approach.

Core Components for Corporations

I. National Reach
Multi-year commitment and participation from a cross-sector of 75+ national leading organizations in industry, government, and non-profit
- Over 1000 volunteers across 40+ active states
- 4 Governors and 13 Lt. Governors involved
- 1600+ partner organizations

II. Effortless Experience
Turnkey application removing barriers for organizations to launch and maintain their national mentoring programs
- Internal Communications Kits to drive awareness, commitment, and excitement to become a member
- Mentor training and best-practice curricula and regular webinars

III. Deep Community Impact
Connect your employees to mentees through a constantly curated group of local NGOs
- Partnership database powered by MENTOR, the National Mentoring Partnership
- Tracking of pledges and completed mentor relationships to monitor community impact

IV. Proven Sustainability
Consistently has surpassed goals and continues to grow
- Over 1 million completed mentor relationships since 2014
- Over 2 million commitments to mentor since 2014
The Million Women Mentors (MWM) website is designed to facilitate and capture the efforts that are going on with local, regional, and state organizations. We offer a mobile-friendly site with a host of features and functionality integral to the Million Women Mentors effort.

The website allows users to:
- **Connect** mentors and mentor-providing organizations with girl- and women-serving organizations, providing a safe environment for mentoring
- **Log** mentoring relationships to keep track of progress
- **Encourage** organizations at all levels to engage in mentoring through pledges
- **Count** ongoing and completed mentoring activities
- **Collaborate** with multiple mentors, companies, and organizations on mentoring program initiatives by sharing resources and documents through the community features

### Features

<table>
<thead>
<tr>
<th>Companies and Mentor Providers</th>
<th>Non-profits and Mentee Providers</th>
<th>State Leaders</th>
<th>State Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allows companies and mentor providers to create a profile and connect employees directly to the portal to track pledges.</td>
<td>Creates opportunities for girl-serving organizations to meet their needs in finding mentors and share resources.</td>
<td>Each State Leader has an account for their state that allows the leader to track efforts, connect with others in the state, and report to state political leaders.</td>
<td>Each State Leadership team can manage their own state page to highlight upcoming events, activities, and STEM programming while providing information on how to get involved.</td>
</tr>
</tbody>
</table>

Thank you to Tata Consultancy Services for their support in creating and maintaining the MWM website.

Mentoring opportunities include results provided by the Mentoring Connector database powered by STEMconnector.
New from Million Women Mentors

The Million Women Mentors Resource Index provides our members with the activation materials needed to jumpstart a mentoring program within their organization. The continuously-curated database of resources includes mentoring programs, training programs and guides, research and best-practice materials to help companies understand what support they need in order to start and maintain an effective community mentoring program.

While Million Women Mentors is not about mandating what makes effective mentoring as a whole, and respects the various programmatic interests of our thousands of partners across the nation, we do commit to sharing best-practices and resources to support our network when possible. The Million Women Mentors Framework for Mentoring Success provides a suggested approach to building effective mentoring relationships, which can be counted as part of our Be Counted! campaign.
The Million Women Mentors National Movement connects Fortune 500 companies, national non-profits and girl-serving organizations, leadership in K-12 and postsecondary education, and representatives from government agencies across the country to elevate the conversation around girls and women in STEM and facilitate change through mentoring.

Currently, Million Women Mentors has 75+ sponsors including PepsiCo, Tata Consultancy Services, BP, Cisco, and Boeing; 1600+ partners including MENTOR: The National Mentoring Partnership, Little Bits, Techbridge Girls, Girl Scouts, Nepris, The Clubhouse Network, and National Girls Collaborative Project; and over 40 state teams, with official State Chairs, and Governors, Lieutenant Governors, and others serving as Honorary Chairs for their state.

**2,300,000+ Pledge Commitments**

**1,060,000+ Completed Pledges**

**40+ States Mobilized**

**10,660+ Social Media Followers**

**2,260 News Mentions Across United States & Beyond**

**2000+ Social Media Mentions**

**40 M+ News Reach**

**6 M+ Social Media Impressions**

**News Mentions in 2018 include:**

- The Huffington Post
- Bloomberg
- Nasdaq
- AP
- Irish Examiner
- CNBC
- AJAB News
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.

State Leaders Support
Each state is encouraged to select a leader or two who can serve as a liaison to the national MWM team. A monthly State Leaders Call is held with these individuals to share best-practices between states and provide national updates. States hold events throughout the year, featuring guest speakers and celebrating the progress of the movement. Efforts are made to connect MWM to state events with aligned goals. Some states have an effort largely housed inside an MWM Sponsor Organization while others function out of a higher education institution or simply have a dedicated STEM professional with the bandwidth to grow the movement.
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.

Honorary National Chairs

Iowa
Governor Kim Reynolds

Arkansas
Lt. Governor Tim Griffin

Honorary State Chairs

Alabama
Governor Kay Ivey

Delaware
Lt. Governor Bethany Hall-Long

Hawaii
Senator Mazie Hirono

Idaho
Lt. Governor Brad Little

Illinois
Senator Tammy Duckworth

Indiana
Dr. Sue Ellsperman President, Ivy Tech

Kentucky
Lt. Governor Jenean Hampton

Maryland
Lt. Governor Boyd Rutherford
Honorary State Leadership

Michigan
Senator
debbie stabenow

Montana
Lt. Governor
Mike Cooney

Nevada
Senator
Catherine Cortez Masto

New Hampshire
Senator
Jeanne Shaheen

New York
Lt. Governor
Kathleen C. Hochul

Ohio
Lt. Governor
Mary Taylor

Oregon
Governor
Kate Brown

Pennsylvania
Lt. Governor
Mike Stack

Rhode Island
Governor
Gina Raimondo

South Carolina
Representative
Sylleste Davis

Tennessee
Lt. Governor
Randy McNally

Tennessee
State Senator
Bo Watson

Utah
Lt. Governor
Spencer Cox

Washington
Senator
Maria Cantwell
State Resources

State Toolkit
In supporting the various state activities, the MWM Team assembled the State Toolkit with various resources that can be employed and customized by the states to implement MWM regionally. Additionally, the MWM Team provides customized logos to each state, and information on starting a steering committee, organizing events, and more.

Mentoring Resources
MWM offers a wide variety of resources for organizations and individuals getting started with our movement and for mentoring women and girls. On the MWM website, you can find resources such as a quick startup guide for individuals to register with MWM, website demonstrations, and a Mentor Action Guide.

MWM’s Partner Organizations also offer invaluable resources for mentors. Learn more about our partners and the opportunities they offer by visiting our website. If you are a Million Women Mentors corporate sponsor, the newly released Mentoring Resources Index can help you navigate the resources and partners you are looking for as you build your corporate community mentoring program.

Leadership Team

Leslie Cruz - CEO, STEMconnector

Ashley Szofer - Senior Director, Communications & Partnerships, STEMconnector

Alexa Gitler - Manager, Communications, STEMconnector

Sheila Boyington - National States Chair, Million Women Mentors, President, Thinking Media/Learning Blade

Dr. Dane Boyington - Technology Co-Chair, Million Women Mentors, CTO, Thinking Media/Learning Blade

Thank you to Edie Fraser, Founder of STEMconnector and Million Women Mentors, for all of your years of leadership and direction building this movement.
We have collected our states’ 2018 efforts and projected plans and captured these results in a one-page report per state. Each report contains the state’s completed mentor relationships, steering committee, honorary chair if applicable, 2018 events and updates, and actions and plans for 2019.

These reports will be shared broadly to allow the states to learn from each other, and to share within their own state what they have accomplished. This report is also available in PDF form on our website: MillionWomenMentors.com/Resources.
We are still looking to secure state leadership and a pledge in the following states:

- Alaska
- Connecticut
- Hawaii
- Mississippi
- North Dakota
- Nebraska
- New Hampshire
- New York
- South Dakota
- Vermont
- West Virginia

Please let us know if you are interested in becoming a state leader or would like to learn more about what a state team looks like by contacting us at States@MillionWomenMentors.com.

Sources

UA WORKSHOP SUPPORTS MINORITY WOMEN
The University of Alabama in Tuscaloosa hosts STEM Workshop and Forums to help administrators, staff and professors discover ways to engage students, particularly minority women, interested in STEM fields.

LEAGUE OF WOMEN CODERS
The League of Women Coders at the University of Alabama is an interdisciplinary organization dedicated to increasing interest in computing in addition to improving retention rates among Computer Science majors. Although the League is open to both males and females, the focus is on increasing the number of females in the computing field.

STEM SUMMER INSTITUTE
The goal of the STEM Summer Institute in Huntsville is to create an opportunity for rising high school seniors and juniors to immerse themselves in the culture of science and technology in their hometown. The basis of the program is college and career preparation.

BOYS & GIRLS CLUBS OF NORTH ALABAMA
The Boys & Girls Clubs of North Alabama offers summer STEM camps with themes such as Electronics Inventors, Forensic Files, and Rockets, Racecars and Rotorcraft.

UA STEM FORWARD
The University of Alabama has a host of programs designed and run by faculty and staff who provide educational training, research opportunities, and mentoring to increase the participation of women and other underrepresented groups in STEM disciplines. At The University of Alabama, we teach students early about the excitement of STEM through our K-12 outreach programs and continue our efforts through the graduate student level, emphasizing the joy of research discoveries.
STEERING COMMITTEE:
Interested in serving on the MWM-AK Steering Committee? Contact States@MillionWomenMentors.com

PARTNER ORGANIZATIONS

ALASKA

PLEDGE GOAL
750

SPOTLIGHT

KIDS ROCK SCIENCE!
‘Kids Rock Science’ is a curriculum designed for you to lead fun, easy activities with your kids. This program was designed by Juneau Girl Scout Jordan Cooper for her Gold Award project. Currently this program has six sessions available, each with 2 hours of material. 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. Each activity includes a description, required materials, easy-to-follow instructions, and a scientific explanation that is easy for kids to understand. Some activities also include Try It! activities, real-world applications, or fun facts.

Photos courtesy of our partners

 Interested in leadership? Contact us at States@MillionWomenMentors.com

All girls participating in Women of Science events have the chance to try out different science-related activities through hands-on fun! The activities are led by women who work in fields of science and technology; these women serve as “real-life” examples of women who love science. Women of Science & Technology Day started as an Anchorage event in 1993.

The guiding objective of the JEDC/STEM AK initiative is to increase student interest and competencies in STEM fields, organized around three strategies:

- Facilitate professional development of teachers;
- Offer STEM enrichment activities to students; and,
- Participate in advocacy and outreach to build public awareness and support.

Our 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. We work with teachers and students, government and non-government organizations, not-for-profits, and increasingly with Alaska business and industry to address the current and future STEM needs of the state.
**STEERING COMMITTEE:**

*Cynthia Pickering, SFAZ  
Lawdan Shojaee, CEO, Axosoft  
Julie Pastrick, President & CEO, Flagstaff Chamber  
Annette Zinky, President & CEO, NACET  
Sarah Torres, Executive Director  
AZ Science Teachers Association  
Laura McGill, VP Engineering, Raytheon  
Martha Ostheimer, Assistant Director,  
UoA STEM Learning Ctr.  
DaNel Hogan, Director, STEM Azing Project,  
Pima County  
Dr. Andi Fournier, Chief Learning Officer,  
AZ Science Center  
Dr. Kim Scott, Executive Director,  
ASU CGEST, CompuGirls, NSTEMC  
Syronna Brown, President,  
Phoenix SWE  
Charlie Treadwell, Senior Director Digital Marketing,  
Symantec  
Kyrsten Sinema/Michelle Coldwell  
US Congresswoman, 9th District  
Jeremy Babendure, Executive Director,  
AZ SciTech Festival  
Lisa Herrmann, ASU  
Julie Ann Wrigley, Global Institute of Sustainability  
Dr. Mary White, Research Grant Evaluator,  
CREST, ASU  
Renee Levin, Community Affairs and Education,  
Intel  
Gabriela A. Gonzalez, Deputy Director, Intel Foundation  
Beth McCollum, Global VP Operations,  
Avnet  
Ruth Veloria, Executive Dean,  
University of Phoenix  
Rukiya Anthony, Member Support Executive,

**NEWS**

**GIRLS ON OUTDOOR ADVENTURE FOR LEADERSHIP & SCIENCE**

To address the gender and racial gaps in STEM, and to empower girls to pursue education and careers in science, four PhD students at Duke University developed a new program: Girls on outdoor Adventure for Leadership and Science (GALS) in 2016. GALS is a free hands-on, place-based science and leadership learning opportunity for female high school students not traditionally engaged as participants in science in an outdoor setting. The overall goal of the GALS is to address the gender and racial gaps in STEM by empowering girls, especially those from underrepresented groups, to identify with science and pursue education and careers in STEM. Individuals at the University of Arizona deployed the first GALS program of the year!

**RESOURCES**

**ARIZONA SCIENCE CENTER**

Arizona Science Center’s Girls in STEM program plays an important role in fostering a community of learners interested in pursuing science inside and outside of the classroom. Since 2013, Girls in STEM creates an empowering and collaborative environment for girls in grades 4–8 to engage with other girls and female mentors for a full day of hands-on learning. Mission-critical initiatives are aimed at inspiring, empowering and encouraging interest in science and engineering among girls. There is a historic and continuing under-representation of women in science, technology, engineering and mathematics. Jobs requiring critical thinking, problem solving and collaboration are growing, while at the same time there is a lack of available talent to fill them. Studies also show that girls are more engaged in learning when the content presented is both tactile and is closely tied to solving for a real-world problem or challenge. This framework is often lacking in today’s classroom.

**SCIENCE FOUNDATION ARIZONA**

Our approach involves four phases that incrementally focus on closing gender-specific gaps and issues that hinder girls’ and women’s interest, retention and success in STEM spanning K-12, higher education and transition into industry. Gaps and issues to address will be based on prior research at the national and state/regional level. We will closely monitor progress to the goal through design and instrumentation of metrics across multiple STEM areas.
STEMming Connector

GIRLS OF PROMISE CONFERENCE
On April 11-12, 2018, 197 8th grade girls from various counties in Arkansas attended the annual 2-day Girls of Promise Conference at the Arkansas 4-H Center. Overall, conference attendees represented 30 counties in the state and 52 different schools. During the first day of the conference, the girls heard from keynote speaker and author Sasha Alston. They also participated in breakout sessions led by women in STEM professions. On the second day, the girls went to the Robison Theatre and the Museum of Discovery. The participants heard from closing keynote speaker Mrs. Raye Montague, Arkansas’s very own hidden figure.

TECH FOR GOOD
On April 11th, 2018 the WFA also held our annual Tech for Good contest. Girls from all over Arkansas were invited to develop an app, website, computer program, 3D printer template, or anything else “tech” that they were inspired to create – as long as it had a philanthropic purpose. Each submission must either directly benefit, or provide a service on behalf of a non-profit organization, church, school, or government agency. The finalists spent a day at the capitol and got the opportunity to meet Arkansas Governor Asa Hutchinson. Girls presented their tech projects at the Girls of Promise conference, and the conference participants voted on the winner. This year 20 girls participated in the competition and represented 5 different counties in Arkansas.

GIRLS OF PROMISE SUMMER CODING CAMP
The 2018 Girls of Promise Summer Coding Camp took place June 30, 2018 on the campus of University of Central Arkansas in Conway, AR. The camp welcomed 37 6th-12th grade girls from 14 different counties in the state. The day kicked off with keynote speaker Dr. Garimilla, who serves as the director of UCA’s STEM Institute. Throughout the session, the girls were trained by Mevota volunteers Karen Fletcher and Chandler Gaines on how to code using Micro:bits. The girls were also supported by volunteers from Acxiom, Arkansas Coding Academy, Arkansas Governor’s office, and teachers from varying Arkansas school districts.

FUTURE PLANS
We are currently in the process of planning our December Coding Summit. The summit will be open to 200 6th-12th grade Arkansas girls, and will take place on the campus of the University of Arkansas at Pine Bluff during computer science education week. Following the summit, we will have our MWM luncheon. During the luncheon, the participants will get a chance to have conversations with women in the Computer Science profession.

CONTACT INFO/STATE LEADER:
Brittney Dennis - 501.246.3807 - bdennis@womensfoundationarkansas.org
**HIGHLIGHTED EVENT**

**DIVERSITY IN TECH WEEK: APRIL 2018**

The STEM experience was presented by Verizon’s partner Virtual Reality Lab. In the experience, kids traveled around the world without leaving their seats. Even better? Each girl also created their own 360° experience AND all participants got to take home their very own VR headset device so they can continue to explore the world of virtual reality at home!

In the Augmented Reality section of the lab, kids experienced how digital information is integrated with their own environment in real time. They inspected the anatomy of a human brain and explored the solar system – all without leaving their seats! All participants left with a QR code so that they can continue to explore the Augmented Reality world at home!

**CONTACT INFO/STATE LEADER:**
Beth Broome - 530.979.4782 - bfbroome@ucdavis.edu

**SOCIAL MEDIA**
@MWMentorsCA /MWM-CA

**2018 GOALS**

Our goals are to:

- Increase the percentage of middle school and high school girls planning to pursue STEM careers
- Increase the percentage of young women pursuing undergraduate degrees in STEM fields, and
- Increase the percentage of women staying and advancing in STEM careers through supporting workforce mentoring programs.
- In addition, we set metrics and will capture data around mentoring girls and young women in STEM, provide an automated, scalable and easy-to-use matching platform to eliminate barriers and facilitate large numbers of STEM professionals with tools to become effective mentors.

Keynote speakers at Placer County of Education who spoke to a group of 300 women and girls on the importance of STEM, AAUW Annual Dinner, multiple conferences and community-based organization meetings.
We recognized Wendy Merchant, Founder and Executive Director of Girls in STEM Denver, for our 2018 MWM Stand Up For STEM Award on June 8 at our Colorado Technology Association Women in Technology Event.

Wendy founded Girls in STEM Denver with the express purpose of helping close the gender gap in STEM fields by leveraging her enthusiasm, determination and resources to create pathways that encourage girls to seek a STEM-related career prior to entering postsecondary education. Wendy graduated with a BS in Architectural Engineering from the University of Wyoming and is a licensed mechanical engineer. Her background includes 20 years of experience working in the Colorado design and construction industry as a consulting mechanical engineer designing building systems including; HVAC, plumbing, fire protection and building automation control systems.

In 2013, Wendy decided to follow her passion to give back to the community, founding the nonprofit, Girls in STEM Denver. Utilizing her talents, experience and extensive network of professional women working in STEM-related careers, Girls in STEM Denver works directly with high school and middle school students to provide real-world career exploration, networking, mentoring and job shadowing opportunities. In her free time, Wendy also enjoys being outdoors, skiing, golfing, gardening and spending time with her family.

CONTACT INFO/STATE LEADERS:
Kelly Underell - kelly@coloradotechnology.org    Monica Coughlin - monica@coloradotechnology.org
STEERING COMMITTEE:
Interested in serving on the MWM-CT Steering Committee? Contact States@MillionWomenMentors.com

CONNECTICUT

EVENTS

FREE GIRLS STEM EXPERIENCE
The Petit Family Foundation is based in Connecticut and provides funding for a variety of programs, including those that foster the education of young people, especially girls and women in the sciences, together with the Space Foundation, hosted a free Soar to the Stars Girls STEM Experience at the Connecticut Convention Center in Hartford. Girls age 12 to 18 years were invited to participate in hands-on activities, led by Space Foundation accredited and award-winning educators.

WOMEN OF INNOVATION AWARDS
The Connecticut Technology Council (CTC) was pleased to announce 50 women were selected as Women of Innovation® finalists for the 2018 Women of Innovation awards program. The Women of Innovation program seeks to celebrate and create a growing network of women in the trenches of STEM. Finalists are the scientists, researchers, academics, manufacturers, student leaders, drafters, entrepreneurs, and technicians who create tomorrow’s advancements through their efforts in Connecticut today.

HUB FOR WOMEN IN STEM
The UConn Persistence of Women in STEM Committee is pleased to announce the launch of UConn’s first ever Women in STEM hub, UCSTEMinist, geared specifically towards the unique needs of women pursuing STEM degrees and careers. Majoring in STEM can be both challenging and rewarding.

COMPLETED

58

PARTNER ORGANIZATIONS

SPOTLIGHT

GIRLS FOR TECHNOLOGY ENCOURAGES STEM, ENTREPRENEURSHIP
Sabrina Tucker-Barrett, President and Chief Executive Officer of Girls For Technology, co-founded the startup in 2015 to encourage girls ages 11 to 17 to explore opportunities to become tomorrow’s leaders in science, technology, engineering, and math.

Interested in leadership? Contact us at States@MillionWomenMentors.com

STEMconnector
DELAWARE

CONTACT INFO/STATE LEADER:
Jennifer Kmiec - 302.689.3032 - inspiringwomeninstem@gmail.com

RESULTS & EVENTS
On February 24, 2018, Girl Scouts of the Chesapeake Bay Council hosted the annual Engineering Your Tomorrow event at Conrad Schools of Science in New Castle County, Delaware. This signature event offered the girls wonderful opportunities to explore science, chemistry and engineering. Working with women who are currently engaged in several fields of science, the girls tested scientific hypotheses with hands-on activities as well as discovered the many career opportunities for women.

On April 14, 2018, the Sussex County STEM Alliance brought the successful 28-year DuPont/Girl Scouts collaboration of the Engineering Your Tomorrow program to Sussex County, Delaware at the Delaware Technical & Community College’s Jack F. Owens Campus in Georgetown.

The annual Inspiring Women in STEM Conference was held on May 30, 2018 hosted by AstraZeneca at their U.S. headquarters in Wilmington, Delaware. The conference featured engaging, informative sessions with experienced female leaders sharing their experiences and motivating the 200+ women in STEM careers to reach their full potential.

Fifteen-year-old Jacqueline Means, whose current title is Miss New Castle County’s Outstanding Teen, has turned her childhood love of science into a platform of encouragement for other young women who might have a similar passion for STEM. Her free, full day Girls Empowerment STEM event on August 19, 2018 introduced girls ages 7 to 13 to hands-on science experiments and different career opportunities in STEM fields. MWM-DE supported the event by donating books for the participants.

PLANS
MWM-DE is initiating a series of luncheons to raise awareness among women leaders to the need and power of mentoring girls and young women in STEM. Lieutenant Governor and MWM-DE Honorary Chair Bethany Hall-Long and Delaware First Lady Tracey Quillen Carney will kick-off these intimate gatherings this fall that will introduce girl-serving STEM organizations to companies and individuals seeking mentoring opportunities.

CONTACT INFO/STATE LEADER:
Jennifer Kmiec - 302.689.3032 - inspiringwomeninstem@gmail.com

NEWS
PJ Simon was recognized with the 2018 Stand Up for STEM Award by MWM-DE. Lieutenant Governor Bethany Hall-Long, Honorary Chair of MWM-DE, and Jennifer Kmiec, Co-Chair of MWM-DE, presented the award to PJ on May 2, 2018 at the STEM Symposium and Teacher Awards. PJ is dedicated to inspiring teachers, young people in the community, and especially young women to explore the excitement of science and to follow careers in STEM.
**CONTACT INFO/STATE LEADERS:**

Judy Cohen - judy@amazestrategies.com  
Marlena Jones - mjones@carnegiescience.edu

---

**DISTRICT OF COLUMBIA**

**COMPLETED 644**

---

**SPOTLIGHT**

On Wednesday, April 4th, Marlena Jones, Director of the DC STEM Network, shared her capstone project 'Bringing Mentors to DC!' to members at the STEM Ecosystems' Community of Practice Convening. The DC STEM Network, a member of STEM Ecosystems, unites community partners to help inspire and prepare all DC youth to succeed, lead and innovate in STEM fields and beyond. The Network's partners identify common measures for high-quality STEM and map the STEM landscape to increase access, awareness, interest and engagement in STEM so that all students can graduate and enter the workforce STEM-literate.

---

**STEERING COMMITTEE:**

Kim Cherry, DC Public Schools  
*Judy Cohen, Amaze Strategies  
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, Womanium  
Sue White, Friendship Public Charter Schools  
Otto Wilson, Catholic University

---

**EVENTS**

**WIT MENTOR-PROTEGE PROGRAM**

The WIT Mentor-Protégé Program takes participants through a structured program of professional speakers and 1:1 mentoring that helps them expand their exposure to and knowledge of what it takes to meet their goals. Over the past year, mentoring was provided to 45 women by 60 professionals over 8 sessions.

---

**WOMEN ON CHANGE**

Women on Change mobilizes and advocates for undeserved girls to gain STEM resources, and mentors to curb generational poverty prior to womanhood. The DC-based program will provide mentoring for 20 girls, starting in September, with a goal of 40 girls for the year.

---

**CASE**

Carnegie Academy for Science Education (CASE) provides hands-on student STEM learning opportunities to students in Washington, DC. In CASE's First Light Saturday Science Program middle school students learn about a topic within the field of Astrobiology through hands-on projects with STEM professionals. During the six week Summer STARS program, high school and early college students conduct scientific laboratory research. The students learn basic laboratory research techniques, interact and develop a mentor relationship with Carnegie scientists and staff, and receive training in college and workplace readiness skills. Throughout the school year, selected high school students intern at CASE as well. In 2018, 25 female mentees and 14 mentors worked together doing hands-on science projects.

---

**CONTACT INFO/STATE LEADERS:**

Judy Cohen - judy@amazestrategies.com  
Marlena Jones - mjones@carnegiescience.edu
FLORIDA

COMPLETED

3,747

CAMPS ACROSS THE STATE

Girls in Orange Park, Florida started the first school Society of Women Engineers SWE-NEXT club at Fleming Island High School in Orange Park. Mentored by Rachael Schofield, the girls raised funds to hold a book fair, providing books to girls in our local region.

SWE-NEXT Clubs are a way to connect girls in K-12 with SWE members who are local engineers who wish to inspire the next generation of girls.

GOALS FOR 2018 - 19

1. Expand program in Tampa Bay by increasing the number of partnerships with local businesses to provide mentors to a greater number of schools.
2. Develop new partnerships to grow MWM to reach other geographic regions in Florida through networking with state-level organizations.
3. Increase participation on Steering Committee by recruiting partners from corporate and non-profit partners to expand reach of the program.

EVENTS

TAMPA BAY STEM & MOSI
Tampa Bay STEM Network and MOSI (Museum of Science & Industry) hosted a STEAM event in May for girls, including researching, designing, and painting rain barrels.

GIRLS UNDERWATER ROBOT CAMP
This February, 20 girls from Hillsborough County participated in Mission: Tampa Bay 2018, an all-girls Underwater Robot Camp. The girls participated in a weekend-long camp where they created underwater exploration robots. They were then able to do a test run at the Florida Aquarium in one of the exhibits, before launching them into the Tampa Bay.

SPOTLIGHT

Northeast Florida STEM2 Hub sponsored and kicked off “All Girl” Robotics Teams working in partnership with the Girl Scouts of Gateway Council. One team, the Narwhals, rookie team, advanced all the way to the state competition which was held at World Golf Village in Saint Augustine.

CONTACT INFO/STATE LEADER:
Kathleen Schofield - 904.502.0958 - kathleen@stem2hub.org
STEERING COMMITTEE:
*Errika Moore, Executive Director, TAG Education Collaborative
*Brenda Morant, Founder, International Women’s Think Tank
Dr. Sybrina Atwaters, *Brenda Morant, Executive Director, Piedmont Hospital
Cassandra Daucus, Global SIG Liaison – Atlanta, ISSA International
Janet Hill, Atlanta College Links Program Manager, INROADS
Jennifer Johnson, Associate Director of Student Success, Spelman College
Valarie Mackey, Founder, WrightNow Solutions
Anna Pinder, Director of Community Intelligence, Community Foundation for Greater Atlanta
Sandy Welfare, Executive Director, Women in Technology
Michelle Wells, M.S. DABR, Lead Physicist, Therapeutic RSO, Radiation Oncology Hospital
Rosalind Lett, Director, Clayton County Library Systems

NEWS
The Georgia MWM Steering Committee wields impact and influence in their area. They work hard to make a difference and they are graciously recognized for their efforts
• Co-Chair Brenda Morant has been nominated for the 2018 Character Leadership Award presented by the Greenleaf Center for Servant Leadership in partnership with Turknett Leadership Group
• Steering Committee Member Michelle Wells was honored as a Woman of the Year by Atlanta Magazine - https://www.atlantamagazine.com/women-making-a-mark/michelle-wells/
• Two Steering Committee Members, Valarie Mackey and Michelle Wells are being recognized by Women in Technology as 2018 Women of the Year Honorees
• Co-Chair Errika Moore has been selected for the Education Policy Fellows Program, the Regional Leadership Institute and 18th Edition of Who’s Who in Black Atlanta

PLANS
Air Expo and Aviation Day is being planned for K-12 STEAM Day. The program will include Aviation Career Fair, Drone Exhibit and Flight Simulators, Touch and Go Flying Competition and Food Trucks, Family Fun and Kid Zones.

OPEN DATA SCIENCE
More than 2.5 quintillion bytes of data are generated every day. An Open Data Science Program related to Science, Technology, Engineering, Agriculture and Math (STEAM) is being developed. The program's goal is to help students build familiarity and hands-on competence with the approaches, tools, and analytical techniques relevant to harnessing the power of open data. A major focus will explore critical issues related to food and agriculture.

KEY ORGANIZATIONS

CONTACT INFO/STATE LEADERS:
Errika Moore - 678.820.9195 - Errika@tagonline.org  
Brenda Morant - 404.587.3126 - Brenda@iwthinktank.org

WEAVING IT ALL TOGETHER
The MWM-GE is weaving together through participation in impactful events (like the National Coalition of Negro Women STEM Day, Youth Innovation Day and Chief Science Officer Leadership Institute), direct engagement through Steering Committee members and the support of their extended community partner network the capacity to have a significant, consistent and direct impact on the lives of young women.

American Heart Association – Go Red Goes STEM
Go Red for Women is focused on empowering women and improving their overall health and well-being. Go Red Goes STEM empowers young women to take control of their health, and to consider a STEM career that could impact the health of all Americans. By encouraging girls to nourish their bodies and their minds, the goal is to pave the way to a healthier future. The event consisted of speed mentoring, breakout sessions led by top STEM-related organizations, and opportunities to make lasting connections with companies and women leaders. 100 girls walked away knowing the impact they can make through a career in STEM!

Coding Camp through TAG-Ed & Funded by LexisNexis Risk Solutions
This experience enhanced students’ skills, provided career access and ultimately business internships for students who traditionally don’t receive educational exposure to coding and/or marketing skills in preparation for future career pathways. Through intentional efforts we were able to ensure that over 40% of the participants were young women and over 50% of the industry professionals that engaged with the students were female technologists. This ensured that a substantial number of young women received exposure to the experience and that ALL the participants received exposure to a significant number of female technology leaders.

Introduced a Florida-based STEM program to the Atlanta Region – SAFE Flight
The International Women’s Think Tank (IWTT) has introduced a Florida-based STEM program to the Atlanta Region – SAFE Flight is a “STEM” (Science, Technology, Engineering, and Math) outreach program that has a strong partnership with the Federal Aviation Administration, school and library systems, aviation industry, businesses and organizations and educational institutions at the college level. SAFE’s goal is to introduce as many kids, young adults, and members of the community to the huge impact and benefits that aviation has in the Atlanta Metro Region. With the world’s busiest airport located within Metro Atlanta, youth will be informed and prepared to take flight into careers of the future. SAFE Flight empowers youth and young adults to become competitive in the aviation and aeronautics industry.
HAWAII

COMPLETED

104

PARTNER ORGANIZATIONS

STEMworks

Download Knowledge. Upload Service.

WOMEN IN TECHNOLOGY

girl scouts

of hawaii

HONORARY CHAIR

U.S. Senator Mazie Hirono

STEMworks INTERNS SHOWCASE THEIR PROJECTS
Thirty-one high school students representing the most promising STEM talent across the state, presented their innovative projects at the 2018 STEMworks™ Summer Internship Showcase on July 27, 2018 at the Maui Research & Tech Park on Maui.

TECH SAVVY CAREER CONFERENCE
Held in Honolulu annually, the conference targets girls in the sixth-to-ninth grades and their parents. The Honolulu chapter of the American Association of University Women (AAUW) held this year’s event to address the shortage of women in STEM careers.

EVENTS

GIRL SCOUTS’ STEM CAMP
Over Labor Day weekend at the Girl Scouts’ STEM Camp at Camp Paumalu on Oahu’s North Shore above Sunset Beach, nearly 200 Girl Scouts converged at the 135-acre mountaintop site, which is owned by the organization. There they tried dozens of activities with guidance from 29 professionals in the fields, mostly women. They launched compressed-air rockets with the help of volunteers from the U.S. Coast Guard, used solar energy to power small cars, grasped the physics of shooting a bow and arrow, and learned about LED lighting while assembling light sabers, for example.
The Idaho STEM Action Center, an agency added to the Governor’s Office in 2015 to give Idaho students more access to and guidance in science, technology, engineering and mathematics fields, is one of eight winners of the US2020 STEM Coalition Challenge. The challenge, which is a nationwide competition that rewards programs bringing STEM “mentoring and maker-centered learning” to under-served students, splits $1 million in cash and support among chosen STEM-related agencies, companies and non-profits. The Idaho STEM Action Center is slated to receive a $50,000 cash award.

SHETECH IDAHO BY W.IN
Over 75 high school girls attended SheTech Explorer Day, a hands-on tech conference for high school girls 9th through 12th grade in Boise. The day long event included workshops, a keynote speaker, breaking a Guinness World Record, and a tech challenge. The goal was to expose girls to technology in a fun atmosphere as well as to meet STEM role models and to learn more about opportunities in STEM fields.

RESULTS & EVENTS
Over four days, participants attended workshop strands, participated in general sessions with keynote speakers and networked with other STEM educators across the state. Participants received continuing education credits and left with a kit of materials related to the strand workshop they attended. I-STEM workshops were offered at six college locations during the summer. Over 250 teachers signed up for the Idaho virtual STEM Mentorship portal with the goal of setting up mentoring projects this coming year. Keynote speaker on the importance of Mentorship was Eda Davis-Lowe, Director of STEM Programs at Valencia College and serves as Alliance Director of the Central Florida STEM Alliance.

RURAL COMMUNITY STEM ENGAGEMENT GRANT
Taking mentoring to the entire community, four under-6000 population communities are receiving a STEM Engagement Grant from the Idaho STEM Action Center. This grant supports the implementation of a multi-month project, starting with a two-day STEM professional development workshop for educators, including teachers, librarians, daycare providers, and out-of-school program staff. The goal of this project is to help rural communities engage existing resources and partners and identify new resources and partners to build their capacity for planning, facilitating, and evaluating hands-on learning experiences that foster curiosity, creativity and initiative.

CONTACT INFO/STATE LEADER:
Cindy Thorngren - cthorngren@stemidaho.org
**CONTACT INFO/STATE LEADERS:**

Jenny Kopach - jrkopach@soinc.org

Margie Morris - mmorris@ilmentoring.org

---

**HONORARY CHAIR**

U.S. Senator Tammy Duckworth

---

**EXPANDING OPPORTUNITIES**

Featured speaker on Lessons from the States Panel at the 2017 MWM Summit;
Featured speaker at the "First Industrial Responders Emerge" FIRE Panel on manufacturing and workforce development at mHUB Chicago; Leading discussion on digital manufacturing workforce development and programs with Senator Tammy Duckworth’s office and the Digital Manufacturing and Design Innovation Institute (DMDII); Women in STEM Legislative meeting participant: Shared ISTI’s Mentor Matching Engine with multiple MWM state committees; “Bridging the STEM Gap” blog post for ArcelorMittal featuring MWM as a solution; Devised plans for new Employee STEM Mentoring programs for Fortune 500 companies Sprint and Underwriters Laboratories; Oversaw ISTI’s Student STEM Showcase at Motorola HQ featuring innovative technology solutions developed by student + industry mentor working groups; Participated in the STEMConnector “State of STEM” report; Attended the Young Women’s Leadership Charter School of Chicago’s 10th Annual Girl Power Luncheon.

---

**MENTORING PLEDGE HIGHLIGHTS**

- The Illinois Science & Technology Institute (ISTI) is a STEM-focused nonprofit that supports schools and companies that want to impact the next generation of innovators. ISTI facilitates collaboration between students and industry mentors through the Mentor Matching Engine, an online collaboration tool that links students and mentors through virtual project-based mentoring and STEM Challenges. High school students and mentors from STEM Challenge industry partners collaborate on real-world projects, culminating in a Statewide Showcase where student teams share their innovations. Mentor relationships: 1,800
- The Illinois Agri-Women, an organization dedicated to promoting a better understanding of agriculture and the family farm system, presented MWM-IL information at the “Women Changing the Face of Agriculture” conference at the University of Illinois on March 9, 2018. A networking career fair provided students with information on career opportunities, ag courses and peer advice. Mentor relationships: 550
- Illinois Science Olympiad had 393 active school teams across the state working on STEM events with subject matter expert mentors from higher education and industry, including 35 teams in the Chicago Public Schools Urban Schools Initiative Region, serving a diverse population of minorities and girls. Mentor relationships: 5,895
- MENTOR Illinois’ work supports 55,000 mentoring relationships across the state covering a variety of youth services. STEM-specific activities include training and support for programs providing exposure to STEM careers through mentoring, internships and skill development. Mentor relationships: 5,000
- PepsiCo is a MWM national partner committed to serving youth and girls with effective and engaging STEM mentoring, internships and early-career connections. Chicago-based employees volunteered time and talent to STEM programs across the city. Mentor relationships: 125
- YWCA is a MWM national non-profit partner committed to eliminating racism and empowering women. Their TechGYRLS program meets 40+ weeks a year in Chicago to raise girls’ interest, confidence and self-efficacy in STEM. Mentor relationships: 50
- Sprint is a MWM national partner leading the way in the telecommunications industry, and seeks to build an employee STEM mentoring program piloting in the Chicago area. In its first year, Sprint will identify STEM organizations and work to incentivize employee outreach. Mentor relationships: 100
- The Chicago Council on Science and Technology (C2ST) brings together scientific leaders and members of the community to further public understanding of science through innovative discussions, events and programs like the Women in STEM initiative. Mentor relationships: 235

---

**COMPLETED**

17,467
STEERING COMMITTEE:
Honorary State Chair Dr. Sue Ellspermann
President, Ivy Tech Community College of Indiana
Claire Berger, Ivy Tech Community College
*Mary McGuire, Telamon Corporation
Laura Dodds, TechPoint Youth Foundation, US2020
Jeremy Eltz, Purdue University Ronna Kawsky, Warsaw Career
Millie Marshall, Toyota, Princeton
Reginald McGregor, Rolls-Royce
Jerrilee Mosier, Ivy Tech Community College, Northeast
Suzan Perry, Ivy Tech Community College, Northwest
Mary Rinehart, Engineering and Technology Specialist, Indiana Department of Education
Cathy Ritchie, Girl Scouts of Central Indiana
Kirsten Smith, BSU Center for Info and Comm Sciences
Sue Smith, Ivy Tech Community College
Donna Zimmerman, Ivy Tech Community College, Evansville

NEWS
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.

CONTACT INFO/STATE LEADER:
Mary McGuire - 317.910.4428 - mmmcguiire2@gmail.com
Claire Berger - cberger5@ivytech.edu

COMPLETED
1,628

COLLEGE PARTNERS
IUPUI GIRLS STEM INSTITUTE
GSI provides young ladies of color 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 ladies are provided access to powerful STEM learning experiences that challenge them to think deeply and critically. As emerging STEM learners, they are empowered to use STEM as a tool for personal and social change.

INDIANA STATE HONORED FOR WOMEN-IN-STEM EFFORTS
The Indiana MWM Stand Up for STEM Award recognizes and celebrates the work of companies, individuals and organizations in Indiana that have contributed significantly to advancing women in STEM careers through MWM and mentoring. Indiana’s Honorary Chair of Million Women Mentors and Ivy Tech President Sue Ellsperman presented the award to Indiana State’s College of Technology at the organization’s Nov. 7 conference in Indianapolis. Bev Bitzegaio, director of outreach and student career support in the College of Technology, accepted the award on behalf of the university.

GIRLS IN ENGINEERING, MATH AND SCIENCE CONFERENCE
Girls in Engineering, Math, and Science (GEMS) conference took place on Saturday, April 14. The conference was for girls in grades 5 and 6 in Monroe County. Girls had the opportunity to work with female role models and enjoy the wonders of science, technology, engineering, and math (STEM)! After the Career Expo girls divided into small groups to work with female experts in STEM education and industry. Groups participated in five hands-on activities in the fields of engineering design, chemistry, biology, forensic science, technology, and math.

Photos Courtesy of the Indiana DoE
CONTACT INFO/STATE LEADER:
Jana Rieker - 515.401.7650 - jrrieker@yahoo.com

STEERING COMMITTEE:
Honorary State Chair Governor Kim Reynolds
*Jana Rieker, Director of Public Relations, Trilix
Mike Ralston, President,
Iowa Association of Business & Industry
Teri Vos, Community Relations Manager, Vermeer Corporation

EVENTS
Million Women Mentors is a success in Iowa because we know the value of partnering with local organizations across the state. Because Iowa has made an incredible investment in STEM advancement, we are fortunate to have a solid infrastructure of STEM hubs in place. By partnering with state-agencies to promote STEM activities, Million Women Mentors Iowa had a presence at the following events:

KINDERGARTEN- 8TH GRADE
Iowa Public Television STEM Day event. Our program reached 50 girls from 11 school districts across the state. We also had a video created to promote the event and have a waiting list of schools and partners for our 2019 program.

9TH GRADE- COLLEGE
Coaches Challenge involving all four state universities’ women’s basketball programs pledging to promote STEM mentoring, a Future Ready Iowa Summit, STEM Day activities held at University of Northern Iowa, Iowa State University, Central College, Des Moines Area Community College, and Western Iowa Community College. We’ve reached over 250,000 people each year through partnering with STEM events and activities to promote MWM-Iowa and the importance of mentoring girls and women in these career fields.

PROFESSIONAL
Iowa Women Lead Change (IWLC) annual conference, Principal Financial Group Women in Technology, Legislative event at STEM Day at the Capitol, Iowa AgriTech Accelerator, and provided mentors for Iowa the Global Insurance Accelerator. We reach more than 25,000 professionals (men and women) to promote STEM mentoring for women each year through one-on-one conversations at these events.

Additionally, Million Women Mentors is recognized annually at two prominent statewide events: STEM Day at the Iowa State Fair and STEM Day at the Iowa State Capitol. STEM Day at the Iowa State Fair greets over 100,000 people - we are fortunate to have strong support for STEM events in Iowa!

SOCIAL MEDIA
Iowa was the first to establish and maintain a presence on social media. The Facebook page helps reach more than 2,500 people per month to invite girls and mentors to participate in STEM educational events. MWM-IA promotes STEM events and ideas, supports organizations which host STEM activities and serves as a place to connect with other STEM organizations looking for mentors. For more information please visit http://mwmia.org/
EVENTS & PROGRAMS

EXPLORING THE POWER OF CODE
During seven events throughout the year DigiGirlz reached nearly 400 girls including an event which took place at Cerner.

CARNEGIE STEM EXCELLENCE WORKSHOPS
Schools forged STEM pathways during Carnegie STEM Excellence workshops in both states.

PERRY OUTREACH PROGRAMS
Perry Outreach Programs introduced girls to mentors in orthopedics and engineering.

ACTIVITIES
The KC STEM Alliance hosted “Let’s Talk: Closing the Gender Gap in STEM”, which brought together industry, education, women’s affinity groups and community partners to discuss the gender gap and identify solutions.

COMPLETED

7,000

2018-19 ACCOMPLISHMENTS
KC STEM ALLIANCE’S MENTOR MAKERS
By matching, training and supporting Kansas City-area women interested in mentoring, KC STEM Alliance’s Mentor Makers program builds and strengthens the local STEM mentor network. This program has doubled in size due to community support and demand. With mentors from institutions from the Federal Reserve Bank of Kansas City to Burns & McDonnell, high school girls have the opportunity to learn about engineering through hands-on sessions throughout the school year.

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

*KC STEM Alliance Sustaining Partners

CONTACT INFO/STATE LEADERS:
Brian Crouse - 573.634.3511 - bcrouse@mochamber.com
Martha B. McCabe - 816.235.2871 - mccabemb@kcstem.org
Marian McClellan - 630.659.7748 - mcclellanm@kcstem.org
Led by MWM Steering Committee member, Elizabeth Farnsworth, the Kentucky affiliate of the National Center for Women in Technology held its 29th Aspirations in Computing Awards ceremony during the 2018 KY STLP State Championships at Rupp Arena. NCWIT recognized 13 Kentucky high school young women and two educators for their technology-related interests and achievements. MWM Steering Committee member Micaha Dean Hughes received the state educator award for her work in engaging middle school and elementary girls in engineering.

MWM-KY Partners with Student-Led Initiatives: In the spirit of the rising youth movement, MWM-KY has turned to one of Kentucky’s most valuable assets—students. At the university level, #IAmAWomanInSTEM, brings local STEM mentors to college campuses across KY to engage female undergraduate STEM students in meaningful relationships. For high school students, Youth Science Alliance brings STEM industry and research professionals to monthly summits for seminars and mentoring, while the STEM You Can! movement provides these same students with the opportunity to become peer mentors for elementary students. MWM-KY leaders have partnered with local school districts and minority-serving STEM organizations to expand the KY Strong curriculum into a year-long mentoring program for middle school girls, with plans to initiate a pilot program in 2019.

3/29/18 Led by MWM Steering Committee member, Elizabeth Farnsworth, the Kentucky affiliate of the National Center for Women in Technology held its 29th Aspirations in Computing Awards ceremony during the 2018 KY STLP State Championships at Rupp Arena. NCWIT recognized 13 Kentucky high school young women and two educators for their technology-related interests and achievements. MWM Steering Committee member Micaha Dean Hughes received the state educator award for her work in engaging middle school and elementary girls in engineering.

MWM-KY Leader Featured in National Publication
LOUISVILLE, Ky. (March 8, 2018) To coincide with #InternationalWomensDay2018 Research Features magazine dedicated their an entire March issue to highlighting the incredible work being done by women in science. MWM-KY steering committee member, Dr. Olfa Nasraoui of the J.B. School of Engineering at the University of Louisville was featured for her work in data mining and machine learning, as well as her dedication to mentoring women and underrepresented minorities in STEM.

Science Matters to Lt. Gov. Hampton
LOUISVILLE, Ky. (March 15, 2018) Advocacy for science literacy took over the state capitol for the day to celebrate the role STEM has in our society, schools, and everyday lives in honor of MWM-KY Honorary Chair Lieutenant Governor Jenean Hampton being named Kentucky’s inaugural “Champion of S.T.E.M. Education” by the Kentucky Science Center (KSC). As an Air Force programmer turned elected public servant, Lt. Gov. Hampton believes “a culture of curiosity is a healthy and vibrant culture.” The award was presented at a ceremony at the state capitol by KSC CEO Joanna Haas and featured remarks from Lt. Gov. Hampton, Ms. Haas, and State Senator Gerald Neal.

3/29/18 MWM-KY teamed up with STEM professionals from the University of Kentucky and Alltech Inc. to participate in the Kentucky Girls STEM Collaborative’s 11th Annual Conference, Navigating Careers of the Future: Helping Students Explore the Unknown. MWM KY members led a panel discussion on the role mentoring has had in their professional development and advancement in STEM.

Over one year in and 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 audience has grown 50% in a 12-month period, and key performance metrics indicate that the MWM-KY newsletter outperforms its industry counterparts in audience engagement. MWM-KY plans to continue publishing a monthly newsletter and leveraging effectual campaigns such as National Mentor Month and International Women’s Day. An archive of the MWM-KY newsletters can be found on our website.

MWM-KY Monthly Newsletter:

**NEWSLETTER**

Over one year in and 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 audience has grown 50% in a 12-month period, and key performance metrics indicate that the MWM-KY newsletter outperforms its industry counterparts in audience engagement. MWM-KY plans to continue publishing a monthly newsletter and leveraging effectual campaigns such as National Mentor Month and International Women’s Day. An archive of the MWM-KY newsletters can be found on our website.

**PLANS**

MWM-KY Partners with Student-Led Initiatives: In the spirit of the rising youth movement, MWM-KY has turned to one of Kentucky’s most valuable assets—students. At the university level, #IAmAWomanInSTEM, brings local STEM mentors to college campuses across KY to engage female undergraduate STEM students in meaningful relationships. For high school students, Youth Science Alliance brings STEM industry and research professionals to monthly summits for seminars and mentoring, while the STEM You Can! movement provides these same students with the opportunity to become peer mentors for elementary students. MWM-KY leaders have partnered with local school districts and minority-serving STEM organizations to expand the KY Strong curriculum into a year-long mentoring program for middle school girls, with plans to initiate a pilot program in 2019.

**NEWS & EVENTS**

3/29/18 Led by MWM Steering Committee member, Elizabeth Farnsworth, the Kentucky affiliate of the National Center for Women in Technology held its 29th Aspirations in Computing Awards ceremony during the 2018 KY STLP State Championships at Rupp Arena. NCWIT recognized 13 Kentucky high school young women and two educators for their technology-related interests and achievements. MWM Steering Committee member Micaha Dean Hughes received the state educator award for her work in engaging middle school and elementary girls in engineering.

MWM-KY Leader Featured in National Publication
LOUISVILLE, Ky. (March 8, 2018) To coincide with #InternationalWomensDay2018 Research Features magazine dedicated their an entire March issue to highlighting the incredible work being done by women in science. MWM-KY steering committee member, Dr. Olfa Nasraoui of the J.B. School of Engineering at the University of Louisville was featured for her work in data mining and machine learning, as well as her dedication to mentoring women and underrepresented minorities in STEM.

Science Matters to Lt. Gov. Hampton
LOUISVILLE, Ky. (March 15, 2018) Advocacy for science literacy took over the state capitol for the day to celebrate the role STEM has in our society, schools, and everyday lives in honor of MWM-KY Honorary Chair Lieutenant Governor Jenean Hampton being named Kentucky’s inaugural “Champion of S.T.E.M. Education” by the Kentucky Science Center (KSC). As an Air Force programmer turned elected public servant, Lt. Gov. Hampton believes “a culture of curiosity is a healthy and vibrant culture.” The award was presented at a ceremony at the state capitol by KSC CEO Joanna Haas and featured remarks from Lt. Gov. Hampton, Ms. Haas, and State Senator Gerald Neal.

6/21/18 MWM-KY teamed up with STEM professionals from the University of Kentucky and Alltech Inc. to participate in the Kentucky Girls STEM Collaborative’s 11th Annual Conference, Navigating Careers of the Future: Helping Students Explore the Unknown. MWM KY members led a panel discussion on the role mentoring has had in their professional development and advancement in STEM.

**CONTACT INFO/STATE LEADERS:**

Czarena Crofcheck - crofcheck@uky.edu  
Rosemary Fama - rosemary.fama@uky.edu

**HONORARY CHAIR**

Lt. Governor Jenean Hampton

**STEERING COMMITTEE:**

Honorary State Chair Lt. Governor Jenean Hampton  
*Czarena Crofcheck, Ph.D, P.E. University of Kentucky  
*Rosemary Fama, Extension Specialist, KY NSF EPSCoR  
Sue Scheff, American Association of University Women  
Cordelia Harbut, Executive Director, KY Commission on Women  
Carol Hanley, Ph.D., University of Kentucky  
Andrea Kimberlin, GE Appliances  
Sarah Mardon, Kentucky Academy of Sciences  
Olfa Nasraoui, Ph.D, University of Louisville  
Vicki Penix, Kentucky Community & Technical Schools  
Kathy Ploin, Lexington Fayette Urban County Government  
Susan Ryan, Elizabethtown Independent Schools  
Kristen Brennan, Ph.D, CSRA, Inc.  
Elizabeth Farnsworth, University of Kentucky  
Miranda Woodall, Alltech Inc.  
Davita Gatewood, Fayette County Schools  
Micaha Dean-Hughes, University of Kentucky

**STEMCONNECTOR**
LOUISIANA COMPLETED

749

PARTNER ORGANIZATIONS

ELECTRIC GIRLS

Electric Girls is a learning space where girls learn with and from each other. We want to change our world where only 3/10 engineers in the US are women, and only 1/10 engineers in the US are women of color. Electric Girls believes that every girl deserves the opportunity to explore her interests in building, thinking, and inventing. We believe that every girl deserves the opportunity to develop and strengthen skills in science, technology, engineering, and math.

LOUISIANA WOMEN IN TECHNOLOGY

LaWIT is an organization comprised of women dedicated to the fields of Technology, Engineering, and Science. No matter what tech-related field you’re in, our organization provides a broad range of support and resources to advance women in Southern Louisiana. LaWIT serves as a conduit between students and professionals, emphasizing the need for our next generation to pursue and master technology, engineering, and science careers. With the resources of the professional community behind it, LaWIT aims to raise awareness so that young women feel empowered to pursue a challenging, creative, and fulfilling career path.

GIRL SCOUTS LOUISIANA EAST

Girl Scouts Louisiana East provides the best leadership experience to girls, grades K-12, in southeast Louisiana. With the guidance of supportive adult volunteers, girls get to lead their own adventure and team up with other girls in an all-girl environment, choosing the exciting, hands-on activities that interest them most. Along the way, they’ll gain important skills in four areas that form the foundation of the Girl Scout Leadership Experience: Science, Technology, Engineering, and Math (STEM); the Outdoors; Life Skills, and Entrepreneurship.

TWITTER SPOTLIGHT

The BR STEM Network is a collaborative partnership among community partners that is helping inspire and prepare all BR youth to succeed, lead and innovate in STEM fields and in any career path they choose. Led by the Foundation for East Baton Rouge School System and representatives from the East Baton Rouge Parish School System, the local higher education system, community organizations, employers and STEM institutions, BR STEM is dedicated to addressing STEM at all ages throughout their lives and in all places — in schools, out-of-school time, professional development, work-based learning, mentoring and volunteering, and events.

LASTEMWORKS.ORG

The purpose of this blog is to explore Louisiana’s strategy and capacity for advancing STEM education, careers, and workforce for all. Louisiana has its own array of STEM assets, strengths and approaches in place — thus this site is designed to discover these strategies and activities. Not just a PK12 issue. All stakeholders, higher education, workforce development, economic development, business & industry, are welcome to participate. Hopefully the site will pose and answer questions that will ultimately help guide and focus diverse partners in this effort.

CONTACT INFO/STATE LEADER:

Kim Fossey - kfossey@foundationebr.org
STEERING COMMITTEE:
*Catherine Lamson, Senior Vice President, Chief Administrative Officer, MEMIC
Catherine Duranceau, Vice President, Underwriting, MEMIC
Eileen Fongemie, Vice President, Finance & Assistant Treasurer, MEMIC
Karen Schwartz, Vice President, Underwriting Compliance, MEMIC
Pam Anderson, Interior Designer, PDT Architects
Diane Nason, Senior Vice President, Key Bank
Anna Edgerley, Senior Vice President, Norton Insurance

MAINE
COMPLETED
634

MOVEMENT INTRODUCED IN MAINE!
Two luncheons were held in Maine to introduce the MWM movement to female leaders in the community. Attendees represented various industries such as STEM, banking, insurance, and social service organizations dedicated to the advancement and development of children.

ACTIVITIES
STEM SISTERS DAY OF CODE
STEM Sisters developed a half-day program called “Day of Code” for King Middle School girls to learn more about computer science. Activities highlighted understanding algorithms and learning web design and basic programming skills.

EDNA LIBBY ELEMENTARY STEM NIGHT
The Edna Libby Elementary School invited Catherine Lamson, MWM – Maine trailblazer, to visit the school on its first STEM night. Young children participated in the 14 available STEM stations which included creativity games to spark their imagination. This is one of many initiatives in elementary and primary schools to promote STEM activities. “Children love to play and create and the hope is that more young ladies will join the STEM career path wave and ride it into a future with unlimited opportunity,” Lamson said.

CONTACT INFO/STATE LEADER:
Catherine Lamson - 207.791.3304 - clamson@memic.com
MARYLAND

COMPLETED

22,000

WOMEN IN STEM SUMMIT

More than 60 leaders across Maryland came to Baltimore Gas & Electric to hear:
- Why STEM skills are THE critical skills for the future
- Why women with STEM skills are crucial for Maryland
- Why mentorship matters
- How MWM is addressing this nationally and across Maryland
- The business impact from mentoring
- The many benefits women receive from being mentored

MENTORING

Woman to Woman Mentoring launched its first STEM mentoring program through a newly-formed collaboration with Hood College, Frederick Community College, Graduate Women in Science, and Frederick National Laboratory for Cancer Research to provide 18 undergrads the opportunity to connect with, what was for many, their first female STEM role model.

Meet and Greet: Mentoring Pairs meet for the first time

SOCIAL MEDIA

@MWMMaryland
#MWMMDD

/HWMMMaryland

@MWMMaryland
#MWMMMaryland

HONORARY CHAIR

Lieutenant Governor
Boyd Rutherford

CONTACT INFO/STATE LEADER:

Jeanne Martin - 443.253.8989 - jeamarti@jmarenterprises.net

STEERING COMMITTEE:

Leaders from:

10 Schools
7 Businesses
2 Government Organizations
11 Non-profits
Representing 13 of Maryland’s 23 counties
STEERING COMMITTEE:
*Dr. Jenna Roecklein-Canfield, Ph.D. Chair Chemistry & Physics, Simmons College
Shereen Tyrell, Executive Director, Massachusetts Technology Leadership Council’s Education Foundation
Allison Scheff, MA Department of Higher Education, Exec. Director of STEM, MA STEM Advisory Council
Connie Chow, Ph.D, Former Executive Director, Science Club for Girls, Boston, MA
Joanne Kamens, Ph.D., Executive Director Addgene, Inc., Diversity Outreach & Expert, American Women in Science

Southern New England Girls Collaborative Project (SNEGCP)

MASSACHUSETTS

CONTACT INFO/STATE LEADER:
Dr. Jennifer Canfield - 617.521.2731 - jennifer.canfield@simmons.edu

GIRLS IN STEM CAMP
A DAY IN A CAMPER’S SHOES
The day starts by introducing all of the creative tech projects girls can create at Girls STEM Camp. Campers choose between Art & Design, Building, and Coding. If a camper is having trouble finding the project they want to create, no problem! They can do a taste test in all of our tech tracks until they find the right fit. Throughout the week, it’s common to see a full-day camper to complete 2-3 projects (i.e. video game and animation).

Each morning and afternoon has tech demos, and girls get a glimpse at some easier, manageable projects to challenge themselves with. This is a great opportunity to learn a quick Scratch project or how to produce digital music tracks.

NEWS
In Massachusetts, less than one-third of STEM employees are female. The good news is women have no shortage of possibilities in STEM. Massachusetts consistently ranks as the No. 1 state in various technology economic impact indexes. Promising opportunities in Massachusetts can be found at companies and institutions focused on robotics and autonomous systems. The U.S. Bureau of Labor Statistics projects growth in new STEM jobs will outpace overall growth in occupations by 7 percent over the next 10 years. By 2022, at least 3 million STEM employees will be needed in the U.S. solely to replace the current workers in the field. How do we do that? We start small, start local, and stick with it. Companies have made a commitment to hiring women, only to see it fail to produce immediate results and the commitment falls to the wayside. Needing more women in STEM fields is not a flash in the pan. This need is real, and it is not going away.

PARTNER ORGANIZATIONS
SCIENCE CLUB FOR GIRLS
Science Club for Girls (SCFG) fosters excitement, confidence and literacy in STEM for girls from underrepresented communities by providing free, experiential programs and by maximizing meaningful interactions with women mentors in science, technology, engineering & mathematics.

BOSTON AREA GIRLS STEM COLLABORATIVE
The Boston Area Girls STEM Collaborative is committed to increasing young women’s participation in Science, Technology, Engineering and Mathematics (STEM) by creating programs that spark their interest and expand their knowledge of the multifaceted careers in these disciplines. The Collaborative seeks to make a greater impact by leveraging and sharing their resources. They collectively develop and implement programs that offer young women opportunities to learn about current research, interact with female role models, and access STEM information and resources.

BOSTON TECH MOM
I’m Cyndi Reitmeyer, founder and editor of BostonTechMom. BostonTechMom connects parents with high-quality STEM programs that expose kids to technology in fun, meaningful, and engaging ways. As a business development professional for tech startups and the mother of two young girls, I’m excited about helping kids explore STEM from a young age—as the foundation for a career, to spark a lifelong interest, or simply to prepare them for the technological world of the future.

GIRLS IN STEM CAMP
8,878
PARTNER ORGANIZATIONS
SCIENCE CLUB FOR GIRLS
Science Club for Girls (SCFG) fosters excitement, confidence and literacy in STEM for girls from underrepresented communities by providing free, experiential programs and by maximizing meaningful interactions with women mentors in science, technology, engineering & mathematics.

BOSTON AREA GIRLS STEM COLLABORATIVE
The Boston Area Girls STEM Collaborative is committed to increasing young women’s participation in Science, Technology, Engineering and Mathematics (STEM) by creating programs that spark their interest and expand their knowledge of the multifaceted careers in these disciplines. The Collaborative seeks to make a greater impact by leveraging and sharing their resources. They collectively develop and implement programs that offer young women opportunities to learn about current research, interact with female role models, and access STEM information and resources.

BOSTON TECH MOM
I’m Cyndi Reitmeyer, founder and editor of BostonTechMom. BostonTechMom connects parents with high-quality STEM programs that expose kids to technology in fun, meaningful, and engaging ways. As a business development professional for tech startups and the mother of two young girls, I’m excited about helping kids explore STEM from a young age—as the foundation for a career, to spark a lifelong interest, or simply to prepare them for the technological world of the future.

CONTACT INFO/STATE LEADER:
Dr. Jennifer Canfield - 617.521.2731 - jennifer.canfield@simmons.edu
The Women in Science and Engineering (WISE) Program at the University of Michigan is a cooperative effort between the College of Engineering, the College of Literature, Sciences & Arts, and the Office of the Provost. The WISE Program is designed to increase the number of girls and women pursuing degrees and careers in science, technology, engineering and mathematics while fostering their future success. While the Women in Science and Engineering Programs are open to all students, they are designed to encourage and support women and girls.

The Michigan Crossroads Council (the Council) is committed to providing a quality Scouting experience to all youth in the community. The Council understands that to achieve that goal, it must embrace the uniqueness of all individuals and actively seek out diversity of views, experiences, cultural heritage and traditions, skills and abilities, values, and preferences. The recognition of diversity within an organization is valuing differences through its actions and accountability system. The Council believes that when it respects differences based on among other things, ethnicity, race, family status, gender, sexual orientation, age, gender identity, socioeconomic status, religion, physical ability or political belief, then it can genuinely represent the communities it serves and will gain strength and effectiveness through increased support from those communities. The Council is committed to providing the Scouting program to all youth and adults and will adhere to the following diversity, equity, and inclusion standards.

Winning Futures prepares students to have successful careers and personal lives through the development of character values, goal setting, and strategic plans. Students find their mentoring experience invaluable. Mentoring provides students with an opportunity to learn about other professions, and to meet someone outside the classroom who can provide guidance, share personal and professional experiences, and serve as a role model. Winning Futures makes it easy because we provide mentors with a structured setting and topic-based activities to complete with their mentees.

Through its wide range of programs, Michigan 4-H promotes personal growth, career exploration and goal-setting. In addition, the program prepares youth for postsecondary education by helping build important life skills, increasing college aspirations and improving college readiness. As a result:

- 61% of Michigan 4-H youth have enrolled in postsecondary education since 2009, a number significantly higher than the average Michigan student rate of 56%.
- 4-H alumni are more likely to go to college than their same-age peers in 81% of Michigan counties.
- 40% of Michigan 4-H alumni have earned a bachelor’s degree 6 years after high school, compared to 35% of their peers.

Contact Info/State Leader:
Anne Young - anne_young@ajg.com
MINNESOTA

COMPLETED

83,000

EXCITING PARTNERSHIPS ON THE HORIZON- Q4 2018, 2019

• Sponsor the expansion of WiSH (Women in STEM & Healthcare.) Started as a high school afterschool club at a Maple Grove, MN high school to expose female students to the various career options in the healthcare field, the founder wants to expand the model to other schools across the nation.

• Expand partnership with GirlCoders, founded by a high school girl from MN, which offers a wide variety of K-12 coding courses and awards patches to attendees. Courses have already awarded 1,400 patches and offered trainings in 20 states.

TRAILBLAZER PANEL & TOUR TOOLKIT

The MWM-MN state chapter continues to expand the Trailblazers Tours & Panels as pathways for women and girls to get exposed to a wide variety of careers in STEM. Keyot and the MWM-MN team network has already championed 3 Trailblazer Panel events this year, one in MN and one in IA, with another exciting event confirmed for 11/1. Past hosts of panel and tours included – Cargill, Medtronic, Optum, Securian Financial, Prudential and soon Best Buy! The MN team is hoping that our vision can become the impact of other MWM chapters through the Trailblazer Panel and Tour toolkits that we created for other states to replicate the Trailblazers mentoring model.

CONTACT INFO/STATE LEADER:

Amanda Svedarsky - Amanda.Svedarsky@primetherapeutics.com

**STEARING COMMITTEE:**

*Amanda Svedarsky, Angels & Emails, LLC; Director, JV Mgmt Office, Prime Therapeutics*

*Erin Marasco, BioTechnology Lead, SSNA, Cargill*

*Stephanie Henry, Chief of Staff, IS, UnitedHealthcare*

*Jen Ganner, Managing Director, Experis IT - A ManpowerGroup Company*

*Tonya (Calgaro) Tatro, Managing Director, Experis Engineering - A ManpowerGroup Company*

*Darcie Corbin, Partner, North Point Associates, LLC*

*Anjie Cayot, Managing Partner, President, Keyot*

**NEWS & RESULTS**

Several MWM-MN board members participated in the Advancing Sciences & STEM Fusion event 2/27 at Target Field sponsored by the American Heart Association and Medtronic. This full day STEM mentoring event included STEM learning breakout sessions and speed mentoring, impacting over 200+ kids from Twin Cities metro schools.

Cargill hosted another Senses Badge STEM event for MN girl scouts providing the girls with the opportunity to explore their senses while interacting with food scientists.

**Advancing Sciences & STEM Fusion event**

**Trailblazers Panel 6/14/18 at Securian Financial Group**
PARTNER ORGANIZATIONS

There are some amazing women in Montana doing extraordinary things in science, technology, engineering, and mathematics (STEM) fields. Between 2014 and 2018, STEM jobs in Montana are expected to grow 21% (up 21% in computing, up 23% in engineering, and up 23% in advanced manufacturing). Unfortunately, women in Montana are not completing STEM degrees at the same rate as men. While we cannot explain why women are so underrepresented in these fields, there is good evidence that mentoring and positive encouragement are the key factors influencing recruitment, retention, and advancement for women in STEM. Every Montanan can make a difference.

CONTACT INFO/STATE LEADER:
Rebecca Washko - rebecca.washko@mt.gov

SPOTLIGHT
EXPANDING YOUR HORIZONS FOR GIRLS
Each year this one-day conference at MSU-Bozeman includes hands-on workshops in the fields of science, technology, math and engineering (STEM) for girls in grades 6, 7, and 8, plus lunch, and group activities.

Spend a day at MSU, meet girls from around Montana and MSU students who are taking STEM classes and pursuing STEM field careers. You will get to try out some new, fun activities in MSU labs and studios. By the end of the day, you’ll have some innovative and creative new ideas for thinking about your future.

Photos courtesy of our partners
NEVADA

PLEDGE
1,000

SPOTLIGHT

TELSA ANNOUNCES $1.5 MILLION IN EDUCATION FOR STEM STUDENTS
Tesla announced an initial $1.5 million in funding grants at Nevada’s Board of Education meeting in late July. The grant is the first funds towards its agreement to contribute $37.5 million over five years to K-12 education in Nevada. The goal of the investment is to encourage students of all backgrounds to consider a career in science, technology, engineering and math (STEM) or sustainability, and to develop the next generation of engineers in Nevada.

HOONORARY CHAIR

U.S. Senator Catherine Cortez Masto

PLANS

We are happy to welcome Caesars Entertainment to MWM to drive our movement in Nevada forward.

CONTACT INFO/STATE LEADERS:
Lora Picini - genderequity@caesars.com

PARTNER ORGANIZATIONS

NEVADA STEM MENTOR NETWORK
The Nevada STEM Mentor Network is a one-stop online resource that provides access to Nevada’s finest mentors and premier research projects in the STEM fields. They are committed to helping connect students and faculty to research opportunities statewide. Currently, they serve almost 650 students with over 150 mentors in over 600 STEM disciplines.

PATHWAYS TO STEM NEVADA
Pathways to STEM Nevada (formerly Nevada STEM Pipeline) has been developed as a resource to engage students, teachers, parents, and the community in STEM education and employment. This effort is at the forefront to increase the number of students interested in pursuing college degrees with the overarching goal of strengthening our future workforce and economic development in the state.

GIRL SCOUTS OF SOUTHERN NEVADA
We introduce Girl Scouts of every age to science, technology, engineering, arts and math (STEAM) to help them see how they can actually improve the world—whether they’re discovering how a car’s engine runs, learning to manage finances, or caring for animals. We’d like every girl to explore different aspects of STEAM every year, so we’ve developed a unique, "fun with purpose" K-12 curriculum to inspire girls to embrace and celebrate scientific discovery in their lives.

STEEP COMMITTEE:
Honorary Chair U.S. Senator Catherine Cortez Masto
Jan Jones Blackhurst, Executive Vice President, Public Policy & Corporate Responsibility, Caesars Entertainment
*Lora Picini, Vice President, Equity, Strategic Policy & Regulatory Affairs, Caesars Entertainment
SUPPORTING STEM STUDENTS IN & OUT OF THE CLASSROOM
At SNHU, we see the call to support women in STEM as more than just a national priority. It’s part of our mission. For us, it starts with designing programs that provide the expertise students need to succeed in these critical fields. To further that mission, we joined the National Center for Women in Technology and provide opportunities for our female students to attend global networking events like the 2017 Grace Hopper Conference in Orlando, FL. On a local level, we’re digging in at STEM workshops for NH Girls in Technology Day. Our hope is that through education, dedicated support and initiatives like these, more women will enter STEM fields and succeed in them.

UNH STEM DISCOVERY LAB
The UNH STEM Discovery Lab enriches the learning experiences of students in grades K-12 to further encourage them to consider pursuing college. The programs offered at the STEM Discovery Lab help improve teaching and learning and close the academic achievement gap among science, technology, engineering and mathematics (STEM) students.

HONORARY CHAIR
U.S. Senator Jeanne Shaheen

Interested in leadership? Contact us at States@MillionWomenMentors.com
EVENTS:

JANUARY 24, 2018
New Jersey celebrated National Mentoring Month with a meeting of the state leadership.

NEW JERSEY STEM MONTH- MARCH
New Jersey STEM Month is a month-long celebration highlighting the Garden State’s strong presence and accomplishments in science, technology, engineering and math. In recognition and celebration of New Jersey’s world-class STEM economy, both Governor Murphy, via gubernatorial proclamation, and Assemblyman Zwicker, via legislative ceremonial resolution, designated the entire month of March 2018 as New Jersey STEM Month.

OCTOBER 11, 2018
MWM-NJ will be partnering with the New Jersey Tech Council to host Women in Technology Conference. The inaugural NJ Tech Council Women in Tech Conference will take place on at Douglass Campus at Rutgers University. Following breakfast, the morning program will feature dynamic speakers and also provide the opportunity for networking and speed mentoring.

SOCIAL MEDIA
@MWMentorsNJ /MWMentorsNJ

CONTACT INFO/STATE LEADERS:
Kim Case - 973.274.8336 - kcase@rdnj.org  
Sally Nadler - 848.932.1040 - sally.nadler@rutgers.edu
STEERING COMMITTEE:
Interested in serving on the MWM-NM Steering Committee? Contact States@MillionWomenMentors.com

NEW MEXICO

EVENTS & PROGRAMS

LOS ALAMOS NATIONAL LABORATORY PHYSICS CAMP FOR YOUNG WOMEN
The LANL Physics Camp for Young Women is a two-week-long program during which young women in grades eight through twelve from across Northern New Mexico are exposed to different aspects of STEM fields. Some of the topics covered in this most recent camp, for example, included wave physics, electromagnetism and computer programming. Field trips to the New Mexico Consortium Biolab and various LANL facilities also gave participants a glimpse of prospective careers, as well as the different ways in which science is being applied to solve the world’s problems.

NMSU STEM OUTREACH CENTER
The team of the NMSU STEM Outreach Center is dedicated to increasing the achievement and participation of K-16 students in the STEM fields. The future economic well-being of New Mexico and our nation depends on students who have internationally competitive skills in mathematics and science. It is also essential that students are motivated to enroll and complete post-secondary programs leading to highly skilled STEM (science, technology, engineering, and mathematics) careers. But for the present, we are in a crisis situation pertaining to STEM education.

SOCIAL MEDIA
@STEMecosystems
/MWMentorsNJ

Interested in leadership? Contact us at States@MillionWomenMentors.com

PARTNER ORGANIZATIONS

New Mexico MESA

girl scouts of new mexico trails

AAUW New Mexico

COMPLETED
9,539

STEMconnector
STEERING COMMITTEE:
Honorary Chair Lieutenant Governor Kathy Hochul
Interested in serving on the MWM-NY Steering Committee?
Contact states@millionwomenmentors.com

NEW YORK

COMPLETED
336

PARTNER ORGANIZATIONS

girl scouts of greater new york
black girls code
Digital Girl, Inc.

UNIVERSITY PARTNERS

COLUMBIA UNIVERSITY
The Columbia Girls in STEM Initiative addresses the persistent gender gap across STEM fields. The initiative completed its second year in four cities across the United States. The initiative will continue to engage and support participating students with mentoring, special events, and resources as they prepare for college and beyond. We will be conducting research to measure the efficacy of the program, understand how to scale up our efforts, and provide a roadmap for others to replicate our success. This program is open to qualified high school girls and boys.

NEW YORK UNIVERSITY
GSTEM is an NYU summer program for talented high school girls with a high aptitude in STEM. They were founded in 2013 by the world-renowned Courant Institute of Mathematical Sciences here at NYU. Through a deep immersion into science and access to an extensive peer network, they offer the opportunities for an incredible summer. In addition to learning hands-on laboratory techniques and/or programming and data processing skills, students attend workshops in scientific writing and public speaking.

WAGNER COLLEGE
Our mission is to increase girls’ interest and engagement in STEM (science, technology, engineering, and math) and provide them the resources to one day change the world! In the class, young girls will explore each aspect of STEM in a fun, hands-on learning environment. Activities will involve geometry, chemistry, coding, building structures, and so much more! STEM for Girls is an opportunity for your daughter to develop lifelong skills and lasting friendships.

SPOTLIGHT
STEM FROM DANCE
We are creating a future where the STEM workforce is just as diverse as our nation’s population. Most minority girls from low-income areas don’t dream of being scientists or engineers. It isn’t because they’re unable, but because of a lack of confidence, preparation, and awareness of STEM careers. STEM From Dance uses dance to grow the number of underrepresented minority girls who are STEM college-ready.

HONORARY CHAIR

Lieutenant Governor
Kathy Hochul

Interested in leadership? Contact us at States@MillionWomenMentors.com

44
STEERING COMMITTEE:

Honorary Chair State Representative Graig Meyer
*Gwendolyn Wise-Blackman, Ph.D., M.Div.
Ann L. Brown, Dean of Women, St. Augustine University
Lakshmi Iyer, PhD, Professor of IS and Director of
Graduate Applied Data Analytics Program
Walker College of Business,
Appalachian State University
Delia Lofton, Assistant Professor Radiography,
Wake Technical Community College
Linda McCabe-Smith, Vice Provost for Institutional
Equity & Diversity, NC State University
Ricketa Mangum, Walmart Technology Project Manager,
Walmart
Angelia Reid-Griffin, Associate Professor - Science Education
Watson College of Education- ITFSE Dept.,
University of North Carolina Wilmington
Tanya Scott, Ph.D, Dean Business & Public Service Technologies
Division, Wake Technical Community College
Pamela Gibson Senegal, Ph.D, President, Piedmont
Community College
Monica Smiley, Founder & Editor, Enterprising Women Magazine
Pamela J. Silvers, Instructor - Computer Technologies
Principal Investigator - NSF-ATE Grant,
Asheville-Buncombe Technical Community College
Donna Strickland, Product Marketing, Worldwide Marketing, SAS
Nicole Onyencho

CONTINUITY OF CARE INITIATIVE

MWM-NC Steering Committee is composed of 13 individuals from academia and business with a heightened awareness and interest in increasing the number of girls and women pursuing careers in STEM. The steering committee represents each of the geographic regions across NC. An initial introductory teleconference was held in January. The teleconference provided an overview of MWM and addressed plans for events across the state. Plans are in development to hold regional events with various sponsors.

EVENTS

ENTERPRISING WOMEN FOUNDATION
The Enterprising Women Foundation, headquartered in Cary, NC, is hosting Young Enterprising Women Mentoring Forums in 12 cities across the U.S. and one in Canada, and has hosted a mentoring event each January in North Carolina for the past five years. The EWF is planning another event in Raleigh for January 2019. The forums bring together high-achieving high school girls from diverse communities with STEMpreneurs in their communities who provide education, inspiration, and small group mentoring at after-school events. MWM-NC is poised to work alongside EWF in upcoming STEM-oriented programs at high schools across the state.

THE JR. SEAHAWK ACADEMY SUMMER ACADEMY
The Jr. Seahawk Academy Summer Academy was held June 25-29, 2018 at the University of North Carolina, Wilmington. This educational day program introduces middle school students (ages 10-14) from economically disadvantaged and underrepresented populations to the excitement of a career in a STEM field. Students in the program explore technology through seminars, creative projects, hands-on activities, and presentations of their work during the week.

HONORARY CHAIR
Representative Graig Meyer is the new Honorary Chair for MWM-NC. Meyer represents the House District 50 in the NC General Assembly where one of his committee assignments is Education (K-12). Rep. Meyer is an avid supporter of STEM. He is co-author of the book More Than a Mentoring Program: Attacking Institutional Racism. Rep. Meyer worked previously in North Carolina’s public schools where he coordinated the Blue Mentor-Advocate Program. In addition to his legislative duties he is co-founder and principal consultant with the Equity Collaborative, LLC.

CONTACT INFO/STATE LEADER:
Gwendolyn Wise-Blackman - revgmwb@gmail.com
HONORARY CHAIR

Lieutenant Governor Mary Taylor

NEW LEADERSHIP

Dorinda Byers has tremendous experience in executive leadership. She has worked with districts and employers throughout the state of Ohio for many years. Dorinda Byers serves as a Growth Advisor in Manufacturing Extension Partnership at Center for the Design and Manufacturing Excellence. With more than 15 years of experience, Dorinda possesses a proven track record of increasing organizational effectiveness, shaping cultures, strengthening teams, and positioning businesses for sustainability. She leads client engagement efforts to provide strategic growth business consulting services. Her work will include helping multiple, small business manufacturing companies to analyze and develop strategic growth plans. She also develops structured, value-adding programs and projects with growth-oriented companies utilizing the partner network offered by the MEP program at Ohio State.

NASA HOSTS ANNUAL DAY

In June, NASA’s Glenn Research Center in Cleveland hosted its fourth annual Girls in STEM event. Girls in STEM 2018 offered 170 students in grades 6 through 8 insights into science, technology, engineering and mathematics (STEM) careers by giving them the opportunity to meet NASA’s scientists and engineers and encouraging them to think about STEM professions.

STEEERING COMMITTEE:

Honorary State Chair Lt. Governor Mary Taylor
*Dorinda Byers, Center for the Design and Manufacturing Excellence
Stephanie Johnson, Battelle Education
Bob Midden, Bowling Green State University
Kathy Wright, Hughes STEM High School
Marcia Downes, The Works
Margaret Finley, Columbus Women and Girls Mentoring Society
Mary Juhas, The Ohio State University
Rachel Sanders, Global Impact STEM Academy
Ronnda Cargill, Hughes STEM High School
Shelly Mulkern, SK Food Group
Susan Stearns, Bowling Green State University
Tracy Martz, Dayton Early College Academy

PARTNER ORGANIZATIONS

CINCINNATI MUSEUM CENTER
At the Cincinnati Museum Center they provide opportunities for girls monthly to become a ‘STEM Girl’. Girls have the opportunity to discover authentic and relevant STEM experiences in their free programs aimed at girls ages 7-14. All participants are welcome. At each event participants can interact with community mentors actively working in STEM-related fields by completing a variety of fun and unique activities.

COOL TECH GIRLS
CoolTechGirls (CTG) is a nonprofit organization (in partnership with the City of Dublin) with a vision to create a supportive and collaborative environment to school age girls to ignite their passion in science and technology. Through workshops and role models, we hope to motivate, mentor, and provide opportunities for school age girls to pursue their passions.

OHIO STEM LEARNING NETWORK
Ohio STEM Learning Network (OSLN) is more than a network that only assists in starting up STEM schools. OSLN has evolved to a network that leverages existing STEM schools and programs to spread effective practices and tools across the state and the nation. Today, OSLN includes schools all over the state that work together with the hubs and public and private schools in their region to spread the innovative strategies that characterize the most effective STEM programs.

CONTACT INFO/STATE LEADER:
Dorinda Byers - 740.680.0612 - dorinda@dbyersassoc.com
PARTNERING PROGRAMS

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, and The Engineer Games.

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. They offer networking events, speakers, and help build mentorships and peer-relationships amongst women working in similar fields.

KEY ORGANIZATIONS:

STEEING COMMITTEE:
Xan Black, Executive Director,
Tulsa Regional STEM Alliance
*Emily Mortimer, Program Director,
Tulsa Regional STEM Alliance

CONTACT INFO/STATE LEADER:
Emily Mortimer - 918.779.4910 - emily.mortimer@tulsastem.org

OKLAHOMA

COMPLETED
1,148

SOCIAL MEDIA
@Tulsastem

EVENTS
Sonia Kovalevsky Mathematics Day
Reach for the Sky: Spartan College of Aeronautics Women in Aviation Career Day
<C> Coding Camp
Oregon Girls Collaborative is working with partners and programs around the state to build awareness and increase opportunities for girls to be engaged in STEM. Our Leadership Team is a reflection of our statewide network, working to support girl-serving STEM organizations, strengthen capacity, increase continuation of girl-serving STEM programs, and create more champions for gender-equity in STEM education and careers. As part of the National Girls Collaborative, we have access to thousands of programs and resources that are focused on providing high quality STEM experiences for girls.

 EVENTS & RESOURCES
We work with local and national partners to support specific opportunities and increase access to evidence-based resources while supporting exemplary practices for engaging girls in STEM. This August, we worked with the national IBM Security team to host a one day workshop with local professionals and college students from the world of Cyber Security. We supported 30 girls from northwest Oregon participating in this one day event, exploring concepts and meeting mentors from the field. We continually work to also share out resources and opportunities to connect with our partners as well, such as Girls Inc, Oregon MESA and ChickTech.

 NEWS
On Thursday, July 26, 2018, a fundraising dinner was held at Tillamook Station in North Portland. This event, a collaboration between Stemless and The Oregon Girls Collaborative Project, featured the culinary creations of chef Kathy Ha from Brooklyn New York. This event sought to support the OGCP, a non-profit dedicated to encouraging girls to pursue careers in science, technology, engineering, and mathematics (STEM). This event marks the first time the cannabis community has connected with this nonprofit. Organizers hope events such as this can educate the Portland community in how interested parties can participate to increase gender-equitable involvement in STEM fields, as well as highlighting the OGCP’s work.

 CONTACT INFO/STATE LEADERS:
Bethany Thramer - bethany.thramer@oregonask.org        Beth A. Unverzagt - beth.unverzagt@oregonask.org

STEERING COMMITTEE:
Honorary State Chair Governor Kate Brown
*Bethany Thramer, Policy & Outreach Coordinator, OregonASK
*Beth A. Unverzagt, 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, Colins 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

HONORARY CHAIR
Governor Kate Brown

SOCIAL MEDIA
@OregonASK
/OregonASK
STATE OVERVIEW

The Pennsylvania MWM team is moving full steam ahead with mentoring for women and girls across the Commonwealth in 2018-2019. One of the single most important changes to PA MWM was to expand our leadership across six different regions, giving us the capacity to engage and organize girls around common mentoring activities. In the past year, the PA MWM team has accomplished a significant amount of work, including weekly mentoring between undergraduate college students and high school girls enrolled in after school and summer camp STEM programs hosted by Temple University in the southeast, professional women’s networking and mentoring events hosted by Harrisburg University and its STEM-UP Network in central PA, as well as two annual mentoring events hosted by Cisco corporation for girls in the southwest. As a team, the PA MWM is planning to repeat its successful PA Statewide Girls in STEM mentoring day, featuring female faculty, students, staff, businesswomen and public officials networking and engaging in career mentoring in each region of the state. The combined total number of girls served across the state is expected to grow from about 400 to 600 in 2018-19, and we hope to increase our state’s mentoring pledges from 3,000 to 4,000 in the next year. A particular highlight will be another statewide event, in this case a “STEM Girls on the Hill” event in early Spring 2019 to promote female leadership and advocacy for increased access to STEM education, training and career opportunities.

CENTRAL PA

Harrisburg University and the STEM-UP Network look forward to collaborating on MWM-PA initiatives in 2019

To date, the team has:

- Hosted 90 high school girls on Harrisburg University of Science and Technology’s campus in March as part of PA Statewide Girls in STEM Day. As part of this event, female faculty, staff, business leaders, and state government officials participated to mentor the girls
- The STEM-UP Network, led by Dr. Bill Mattes, is a community of professional women in science and technology. Over the past year, the STEM-UP Network held 8 conferences/workshops/retreats and was host to 20 mentor/mentee relationships.
- STEM-UP Network and University City Science Center’s Quorum program in Philadelphia collaborated to hold a panel discussion on the topic of “How Female Entrepreneurs Achieve Success Through Strong Networks” with about 60 participants in attendance.
- 20 young women attended the Girls in STEM Summer Exploration Camps at Harrisburg University
- Of the 450 students enrolled in Summer STEM exploration camps at HU in 2018, 30 percent were young women

WESTERN PA

Pittsburgh completed two Girls in STEM events — one in March with MWM-PA and another in April. Each of the events had 40 girls, 25 professional women, and 10 Cisco staff volunteers. The events introduce the girls to professional skills and how they are used to build teams and solve problems.

In 2019, the Cisco Systems office in Pittsburgh will continue to offer at least two mentoring and networking events through their local corporate office.

SOUTHEAST PA

Temple University is home to the new Center for Inclusive Competitiveness, which is designed to increase STEM diversity and entrepreneurship within underrepresented communities. To date, the Center is working to establish dual credit pathways based on community feedback and data, much of it from the large population of single female headed households across the region who are disproportionately disconnected from STEM careers. We plan to expand our existing STEM programs with workforce workshops and mentoring opportunities leading to entry level jobs in technology based industries, like drone manufacturing, urban agriculture and transportation logistics. Focusing on women of color is a signature strategy for increasing inclusive economic mobility in STEM given Philadelphia’s chronic poverty levels. Dr. Bracey, a leader for PA MWM, is the founding director of the Center, and has just been recognized by Philadelphia City Council, the Philadelphia Business Journal and the African Scientific Institute for programs successfully introducing women and children of color to STEM. To date 150 girls have participated in 2018 summer camps and competitions.

CONTACT INFO/STATE LEADER:

Dr. Bili Mattes - BMattes@harrisburgu.edu  
Dr. Beverly Magda - BMagda@harrisburgu.edu
GIRL SCOUTS OF SOUTHEAST NEW ENGLAND
This past spring the Girl Scouts of Southeast New England (GSSNE) has served 1,026 girls in our Extended Learning programs all STEAM.

Adventures in Innovation STEAM curriculum dared girls to form ideas and solve problems in game design, ignite curiosity in adventurous letterboxing challenges and push girls to create artistic pieces using resources wisely. Girls learned about how their imagination can shape and grow connections to everything around us.

STEAM Detective Program was created to give girls the opportunity to put their detective hats on and explore different sectors of the Forensic Science field. Girls learned about the power of observation, analyzed clues like fingerprints and handwriting and to put all of their skills together to solve the ultimate mystery. The ultimate goal of STEAM Detective was to foster collaborative critical thinking skills that will serve girls in their academic and future careers.

MENTOR RHODE ISLAND
MENTOR Rhode Island works closely with P-TECH, providing technical assistance through the National Mentoring Resource Center. P-TECH schools are intentionally open to all students and focus recruitment on creating a more diverse workforce. This includes young people from low-income families, first-generation college students, and women. Among the high tech workforce, less than 15% are women and less than 3% are minority women. The P-TECH mentoring program aims to create a connection between female mentors and mentees who lean toward STEM careers allowing for the creation of a new community. This new community creates not only connections between mentors & mentees, but peer-to-peer support (mentor-to-mentor, mentee-to-mentee). Programs like P-TECH that work to dispel the myth that "science is for boys" allow girls to reach their full potential.

GIRLS STEAM AHEAD WITH NASA
Kim Arcand, as part of NASA’s Chandra X-ray Observatory and NASA’s Universe of Learning’s "Girls STEAM Ahead with NASA," has worked with colleagues to create programs for girls and their families that help empower success in science through computer-based programming, bilingual exhibits and other programs in libraries, schools and community spaces.

CONTACT INFO/STATE LEADERS:
Carol M. Giuriceo - 401.456.2799 - cgiuriceo@ric.edu    Jo-Ann Schofield - 401.732.7700 - jschofield@mentorRI.org

VISION & MISSION

STATE VISION: To develop today’s girls and young women into tomorrow’s science, technology, engineering, arts + design, mathematics (STEAM) leaders.

STATE MISSION: To build a STEAM mentor network in Rhode Island that connects education, community, industry, and government organizations and agencies for the purpose of engaging and motivating girls and women to increase their STEAM literacy and pursue careers in STEM and STEAM.

ASSOCIATE MEMBERS
Kajie Afonseca, Big Brother, Big Sisters of the Ocean State
Candida Desjardins, Naval Undersea Warfare Center - Newport
Antonietta Falconi, Social Enterprise Greenhouse
Amy Leidtke, Rhode Island School of Design/Leidtke Design
STEERING COMMITTEE:
Honorary Chair Rep. Sylleste Davis
*Chris Brady Wolfe, Nephron Pharmaceuticals
Hoda Abdalla, Student Lead
Bridgette Ravindra, Student Lead
Iriana Molusky, Chair Emeritus
Lindsay deJong, Boeing SC
Latia Gary, LG Solutions, LLC
Mary Molusky, ACT
Dr. Kaye Shaw, South Carolina Department of Commerce
Sarah White, Volvo
Ebony Young, Unique Interventions for Youth
Ashley Daugherty, Nephron Pharmaceuticals
Dr. Donna Foster, Piedmont Technical College
Carmelina Livingston, S2TEM Centers SC

CONTACT INFO/STATE LEADER:
Chris Wolfe - 919.414.6480 - ccbrady@bellsouth.net

SOUTH CAROLINA

PLANS & RESULTS
• 2018 MWM SC 2nd Annual Statewide STEM Symposium successful
• Selected two SC State Student Leads for the 2018-2019 School Year.
• Planning for a fall 2018 Upstate kickoff event October 2nd.
• 3rd Annual MWM SC Symposium planning for spring 2019
• Developed a Strategic Plan

HONORARY CHAIR
 Representative Sylleste Davis

EVENTS
NOVEMBER 16, 2017
MWM-SC hosted a Low Country Meet and Greet Reception at the SC Aquarium in Charleston, SC.

FEBRUARY 17, 2018
MWM-SC State Lead, Chris Brady Wolfe keynoted the SC Aspirations in Computing Awards.

MARCH 7, 2018
Was declared STEM Education Day by Governor, Henry McMaster. The landmark day was spearheaded by Representative Celeste Davis and other state leaders. MWM-SC Steering Committee members were in attendance and were recognized for their work during a private reception.

MAY 11, 2018
MWM-SC hosted its second STEM Symposium at IT-ology in Columbia, SC. The event featured WIS news anchor, Judi Gatson as the emcee; speakers included U.S. House of Representative Sylleste Davis, former Education Program Manager of NASA Dr. Shelley Canright, Vice President of Analytical Services and Product Development at Nephron Pharmaceuticals Ashley Daugherty, Executive Director of the South Carolina Coalition for Mathematics and Science Dr. Thomas Peters, Senior Director at Volvo Lena Vennstrom, IT Service Process Manager at Boeing Lindsay de Jong, and Boeing Women in Leadership South Carolina President Betsy Young.

EVENTS

COMPLETED

204
SPOTLIGHT

MTSU chemistry professor and nationally recognized STEM education advocate Judith Iriarte-Gross (center) proudly accepted the 2018 MTSU Foundation Career Achievement Award Thursday, Aug. 23, from MTSU President Sidney A. McPhee (left), and MTSU Foundation President Ron Nichols (right), at the university’s Fall Faculty Meeting inside Tucker Theatre. Iriarte-Gross, who has taught at MTSU since 1996 and is director of the Women In STEM (WISTEM) Center at MTSU and the founder and director of Tennessee’s first Expanding Your Horizons girls’ science, technology, engineering and math conference. The Career Achievement Award is presented annually to a professor at MTSU and is considered the pinnacle of recognition for the university’s faculty. Iriarte-Gross also is a fellow of both the American Chemical Society and the American Association for the Advancement of Science, two of the country’s premier scientific professional societies, among her many honors. (MTSU photo by J. Intintoli)

EVENTS

STEM DAY FOR GIRLS EVENTS AT CHATTANOOGA STATE UNIVERSITY
FEBRUARY 15, 2018
- Attendees: 120 (A half day for Middle Schools)
- Workshops: 6
- Sponsors: RCNet, Perkins Grant, ASQ
- Schools had an option to go on a VW Academy Tour
- Represented Counties: Marion, Polk, N GA, Hamilton, Bradley

FEBRUARY 22, 2018
- Attendees: 240 (With Hamilton County’s early/late schools in mind as well as Central time zone we planned to have an early session from 8-12, a late session from 11-3 with an overlap in lunch/speaker)
- Workshops: 6
- Sponsors: RCNet, Perkins Grant, NSF Grant and TN American Water
- Schools had an option to go on a VW Academy Tour
- Represented Counties: Marion, Polk, N GA, Hamilton, Bradley

STEMposium
East Tennessee State University hosted this year’s annual “STEMposium” for Girls Thursday, March 29th, giving students from across Northeast Tennessee an opportunity to engage in various hands-on science, technology, engineering and math activities. The event gave students ages 12-18 a chance to complete activities in fields including robotics, pharmacy tech, biomedical studies, graphic design, digital media and mathematics, just to name a few.

SOCIAL MEDIA

@MWM_tn

CONTACT INFO/STATE LEADER:

Lulu Copeland - 423.697-.3212 - lulu.copeland@chattanoogastate.edu
Lawrence Blank-Cook - 615.423.9766 - lblankcook@deloitte.com
Judith Iriarte-Gross - 615.904.8253 - judith.iriarte-gross@mtsu.edu
Ronna-Renee Jackson - 423.826.8700-3212 - rrjackson@launchpointleadership.com

STEmconnector
**STEERING COMMITTEE:**

*Dr. Tricia Berry, Collaborative Lead, Texas Girls Collaborative Project / Director, UT Austin Women in Engineering Program*

Kristina Barker, Pharmacy Clinical Services Manager, Walmart Health and Wellness

Cindy Beau, Business & Domain Consultant, TCS - Tata Consultancy Services

Cindy Berkman, External Affairs, BP

Latoya Bullard-Franklin, Founder and CEO, The Bulsard Group, LLC

JaNelle Casson, Extension Associate, Texas 4-H Urban Outreach Programs

Nandika D’Souza, Regents Professor and Associate Dean-Undergraduates, University of North Texas

Kimberly Lane, Professional Development Affiiliate with Code.org, Blended Learning Specialist, Lancaster ISD

Candice Lawrence, Lead Science Instructor/Instructional Coach, Richardson ISD

Mark Litzinger, Regional Health and Wellness Director, Walmart

Andrea Nino-Penaloza, Research and Development Engineer, Baker Hughes, a GE Company

Maria O’Connell, Vice President, Quality, Baker Hughes, a GE Company

Rama Ponnapati, Production Enhancement Operations, Baker Hughes, a GE Company

Tracy Richardson, Vice President, Recruitment Outsourcing Practice Leader, Agile-1

Dr. Asha Vaidya, Curriculum Developer and Adviser, Thinking Media (Learning Blade)

Jeanne Waggener, Pharmacy Clinical Services Manager, Walmart

Terry Wood, Technology VP Research & Technology, Strategy, Planning and Communications, BP

**TEXAS**

**COMPLETED**

31,653

**EVENTS & PROGRAMS**

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 web-based volunteer matching system.

**SPOTLIGHT**

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

**SOCIAL MEDIA**

@TxGCP #MWM-TX

**2018 RESULTS & 2019 PLANS**

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 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 Science, Technology, Engineering and Math (STEM). The MWM-TX Stand Up for STEM Awards recognize and elevate the work of incredible mentors, companies and organizations within Texas. In 2017, 3 individuals, 1 non-profit and 1 company were recognized for their outstanding efforts.

**CONTACT INFO/STATE LEADER:**

Tricia Berry - 512.471.5650 - triciaberry@utexas.edu
UTAH

UTAH’S STEM ACTION CENTER

The STEM Action Center will pilot a mobile app, STEM Mentor Exchange, that matches teachers, counselors, and parents to industry mentoring resources and opportunities.

The STEM Action Center is a partner on a National Science Foundation INCLUDES grant; Intermountain STEM is a consortium of western states working together to increase access and diversity in state STEM efforts.

The STEM Action Center is facilitating micro-messaging training to teachers and counselors through a partnership with the National Alliance for Partnerships in Equity.

The STEM Action Center is now a Girls Who Code Club Affiliate! There are now 59 Girls Who Code Clubs across the state.

STEM FOUNDATION UTAH

As directed by the Utah Legislature, the Utah STEM Action Center officially filed for the creation of a STEM Foundation on May 2, 2016. The Utah STEM Foundation’s main priority is to help enhance the efforts of the STEM AC, whose mission is to produce a STEM-competitive workforce to ensure Utah’s continued economic success in the global marketplace. The Utah STEM Foundation will accomplish this by leveraging community partners, create engagement and industry alignment, and through monetary and in-kind donations. Some funding priorities include:

- Utah STEM Bus Program
- STEM Fest
- Elementary STEM Assemblies

HONORARY CHAIR

Lieutenant Governor Spencer Cox

KEY ORGANIZATIONS

Reshma Saujani, the founder and CEO of girlswhocode.org, helped Utah’s STEM Action Center launch a statewide initiative aimed at preparing girls and young women for the job opportunities of the future. Saujani pointed out to the 200 or so Utah 7th- through 12th-grade girls gathered at Dell EMC’s office in south Salt Lake County that the technology they likely use everyday, from companies like Facebook, Instagram and Snapchat, all have a shared trait. Lt. Gov. Spencer Cox was on hand to introduce Saujani and underscored just how out of balance the gender demographic is when it comes to who’s filling tech and innovation positions and who isn’t. “These are great jobs that pay a lot of money,” Cox said. “The problem is when it comes to tech jobs, only 12 percent of them are being filled by women. It’s not cool, right?” “The crazy thing is what all those companies have in common, even though their consumer base is mostly girls, is that their creators are mostly men,” Saujani said. “I believe that girls are change-makers. I believe that technology is going to help you get to that path of being a change-maker.”
STEERING COMMITTEE:
*Dr. Carole Cameron Inge, Founder,  
International Association for STEM Leaders
Jennifer Bisceglie, CEO, InTEROS Solutions
Dr. Yvonne Thayer, CEO and Founder,  
VESTED Educational
Dr. Yvonne Harris, Ph.D., Vice Provost,  
James Madison University Research and Scholarship, Division of Academic Affairs
James W. Dyke, Jr., Sr. Advisor,  
Virginia State Gov. Relations/ McGuire Woods Consulting LLC
DuQuesa Pike, Executive Assistant,  
InTEROS Solutions

CONTACT INFO/STATE LEADER:
Dr. Carole Inge - 434.294.9423 - advancestemleaders@gmail.com

VIRGINIA

COMPLETED
1,943

PARTNER 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. It promotes education to create awareness, excitement, and opportunities among girls and young women to pursue successful STEM-related careers.

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.

ALL GIRLS STEM SOCIETY
We firmly believe that encouragement and early education in STEM is an ideal approach to develop a girl’s communication, collaboration, creativity, and critical-thinking abilities, which can help girls - whether or not they pursue careers in science, technology, engineering, and math—acquire skills to confront real-world problems, examine issues, and apply knowledge to search for solutions. All Girls STEM Society strives to inspire and excite girls to begin to pursue STEM, through various free events and workshops that involve STEM projects in a fun and hands-on environment.

SMITHSONIAN PARTNER

SHE CAN STEM
Women remain underrepresented in science, technology, engineering, and math (STEM) fields. With the support of the Walton Family Foundation, U.S. Department of Education, and the DaRin Butz Foundation they hope to change that by engaging and empowering young women to seek out and succeed in STEM. This summer, they launched the inaugural She Can STEM Summer Camp, serving local and underrepresented communities in the District of Columbia, Maryland, and Virginia. Sixty young women participated in this one-of-a-kind camp introducing them to the science of flight and exposing them to diverse careers in aviation.

Photos Courtesy of Our Partner Organizations

STEM connector
完成

荣誉主席

U.S. Senator Maria Cantwell

合作伙伴项目

- Women Engineers Society
- FIRST Washington
- Pacific Northwest National Laboratory
- Museum of Flight
- Thriving Elements
- University of Washington Women in Science and Engineering
- Washington STEM
- Ada Developers Academy
- Western Washington University Skagit STEM Network
- eMerge
- STEM Like Me!
- American Chemists Society Women Chemists Committee
- SPARK
- Girls on the Run
- Girl Scouts of America
- Raisbeck Aviation High School
- Tech Trek Camp
- Western Governor’s University
- MESA
- NAWIC
- ISC2
- 员工资源小组

联系信息/州领导人

Veronica Smith - veronicasmith@data2insight.com  Jillian Cadwell - jilliancadwell@wsu.edu

STORMING COMMITTEE:

U.S. Senator Maria Cantwell,
Honorary State Chair
*Veronica Smith, data2insight
*Jillian Cadwell, Washington State University, Tricities

数据库创建

MWM-WA创建了一个州wide数据库，其中包含当前组织和个人导师，他们致力于增加追求和坚持STEM领域的女性数量。欲了解更多信息，请联系名单上的州长。

新闻

数据库创建

MWM-WA创建了一个州wide数据库，其中包含当前组织和个人导师，他们致力于增加追求和坚持STEM领域的女性数量。欲了解更多信息，请联系名单上的州长。

事件

WSU Girls Who Code Party

MWM-WA为三年级至八年级的女孩们举办了一场“Girls Who Code Party”，地点在WSU-TC校园。导师们来自当地STEM公司、当地国家实验室和附近大学。活动开始时，向与会者展示了女性在STEM领域工作的机会，女性在这些领域中的代表性重要性，以及导师如何支持学生追求STEM领域。活动的主要目的是探索STEM导师如何影响女性学生对特定STEM主题的态度和学生对STEM学科的追求。

联系信息/州领导人

Veronica Smith - veronicasmith@data2insight.com  Jillian Cadwell - jilliancadwell@wsu.edu

STEMconnect
STEERING COMMITTEE:
Allison Martinson, Program Manager
Girl Scouts of Wisconsin- Badgerland Council

Interested in serving on the MWM-WI Steering Committee?
Contact states@MillionWomenMentors.com

UNIVERSITY PARTNERS

UNIVERSITY OF WISCONSIN- STEVENS POINT
STEAM Point Day for Girls; STEAM is an approach to learning that uses Science, Technology, Engineering, the Arts, and Mathematics. This one-day conference is geared to girls in grades 7 and 8. On STEAM Point Day for Girls, students will engage in hands-on workshops and learn the many career paths available with an education in STEM with experiential learning in STEAM. Attendees experience UW-Stevens Point with workshops held throughout campus. Schools are encouraged to bring student groups, but individuals are welcome to attend the program.

CARROLL UNIVERSITY
STEM for Girls Camp is a five-day camp designed to educate middle and high school aged girls about opportunities in the STEM fields. Our comprehensive program educates middle and high school age girls in the greater Milwaukee area about areas of study and careers within STEM—Science, Technology, Engineering and Math. The experience includes opportunities to meet and speak with successful women working in STEM fields, workshops led by women scientists with hands-on experiences, mentorship from high school and college students, tours of local STEM-related businesses and more.

ST. NORBERT COLLEGE
STEM Girls Rock is a hands-on science camp for middle school girls. Participants in the camp will explore science and mathematics through a weekend of experiments, activities and interaction with science professionals. The participants will work with St. Norbert College faculty, students and alums. The two-day overnight camp is designed to build confidence in the girls who attend by providing them with academic opportunities and encouragement from female scientists.

SPOTLIGHT
Discovery World’s mission is to provide fun and educational experiences through interactive exhibits and educational programs for families and students in Milwaukee, the region, and the state of Wisconsin. We generate excitement for Science, Technology, Engineering, and Math (STEM) education and careers in the minds of children, even before they head to high school and beyond.

CONTACT INFO/STATE LEADER:
Allison Martinson - 608.237.1164 - martinsona@gsbadgerland.org
WOMEN IN STEM CONFERENCE
Women in Science, Technology, Engineering, and Math Conferences are designed to allow young women in grades 7 through 12 to learn first-hand about careers in science, mathematics, engineering, and technology from accomplished professional women. Many young women in junior high and high school start to lose interest in science and engineering careers. The goal of the Women in STEM Conferences held at the University of Wyoming in Laramie, and at Central Wyoming College in Riverton, is to directly address this problem. The conferences will be a cooperative effort supported by local agencies, schools, and businesses, in addition to several state agencies. By presenting positive role models in the science, mathematics, and engineering fields, we hope to encourage all students (especially young women and minorities) to pursue higher education and careers in math, science, and engineering. The Women in STEM conference also allows us to highlight outstanding achievements by young women interested in STEM by giving awards for NCWIT Aspirations in Computing. These awards help build a talent pool for the growing technical workforce and encourage diversity in computer science!