



Insight – Access – Influence
Building a Diverse & Robust STEM Workforce



Bringing Together Game Changers and Thought Leaders of the STEM Community

- At STEMconnector we believe challenges are better solved collaboratively. We are a company committed to increasing the number of STEM- ready (Science Technology Engineering Math) workers in the global talent pool and STEM ecosystem.
- Our goal is to inform, stimulate and connect leaders with a passion for and vested interest in growing a STEM-ready workforce.
- We work with STEM-driven educators and employers in some of the world's largest organizations across multiple industry verticals to help employers maintain STEM-ready workforces. Using our technology platform and network programming, our clients in both public and private sectors are re-envisioning the workforce.
- STEMconnector's network of over 100 members work across corporate, government, postsecondary, nonprofit, and K-12 sectors to create and strengthen pathways for diverse talent to pursue, persist and succeed in STEM careers. Thought leaders and game changers come together on an ongoing basis to share, learn and strengthen STEM talent pathways.



Our Mission:

Maintain the world's leading network of STEM-fueled organizations committed to working together to developing strategies and programs that build, attract and retain a sustainable and diverse STEM workforce.

Our Commitment to Diversity, Equity and Inclusion:

We believe a diverse and inclusive company can be more innovative and successful than one driven by people with homogeneous views and experiences. That's why we value and embrace diverse perspectives, cultures, and experiences at STEMconnector. The STEM workforce as a whole is currently lacking in diversity and equity in many areas and we are on a mission to provide up-to-date data and actionable insights for our members to help bridge these gaps. Working together, we can level the playing field and help create a more diverse, inclusive, and equitable future for everyone in STEM.

The State of STEM

STEM powers the economy. The Bureau of Labor Statistics estimates that the US economy alone will see an additional 10.7 million STEM jobs by 2029. We are in a STEM talent crisis with too few STEM skilled workers to meet the demand. In the US, the STEM economy supports 67% of American workers and it is estimated that over 2 million STEM jobs go unfilled every year.

Students do not see themselves in STEM jobs. Communities are struggling to equip the next generation with STEM skills and companies cannot hire or retain enough STEM workers to meet the demand.

KEY STATISTICS

61%

of companies don't know how to invest in the talent pipeline

50%

of STEM degree holders opt for non-STEM occupations

50%

of S&P 100 are hiring for the same 37 roles

2X

It takes 2X as long to fill a STEM vacancy

Diversity in STEM

In addition to an inadequate STEM talent pipeline, many companies are lacking racial/ethnic and gender diversity. Improving diversity in the STEM workplace isn't just the right thing to do; research shows it will enable companies to capture new markets. The evidence sends a clear message: when done right, diversity and inclusion are good for business and make the workplace better for employees, employers, shareholders, and stakeholders alike.

“ Today, the United States leads the world in technological innovation with our corporations changing the way the world communicates and works. With STEM related business contributing \$2.3 trillion in tax revenue every year, it is critical that we maintain and grow our ability for continuous innovation and technology leadership. **”**

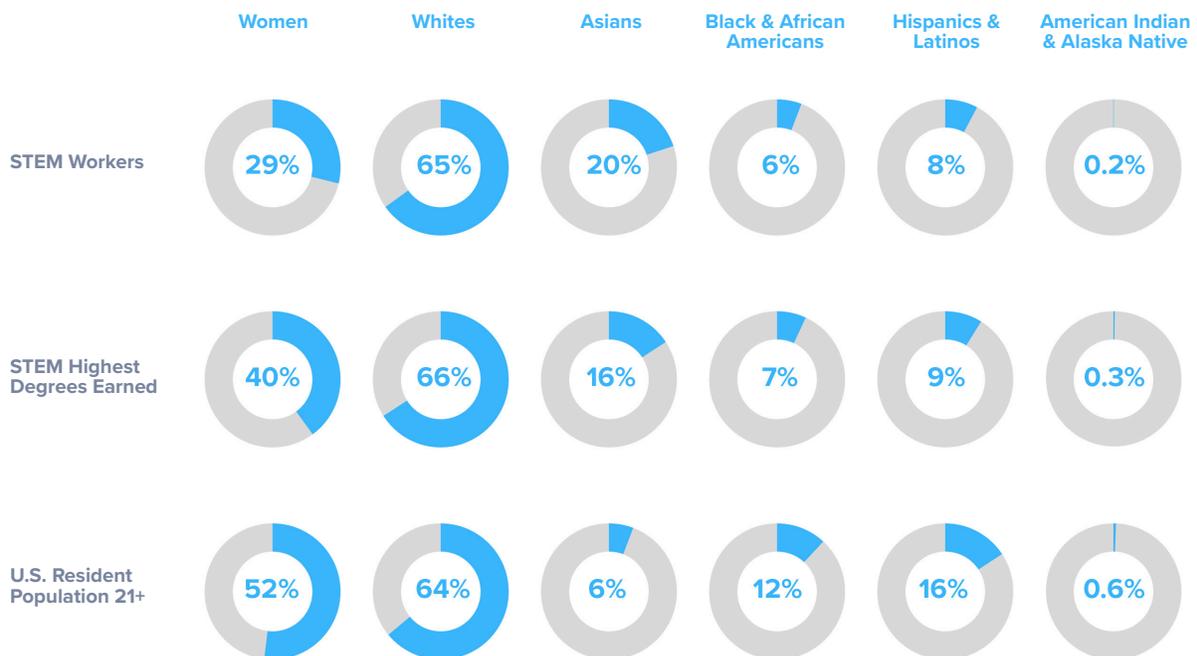
-Dr. Jo Webber, FRSC CEO of STEMconnector





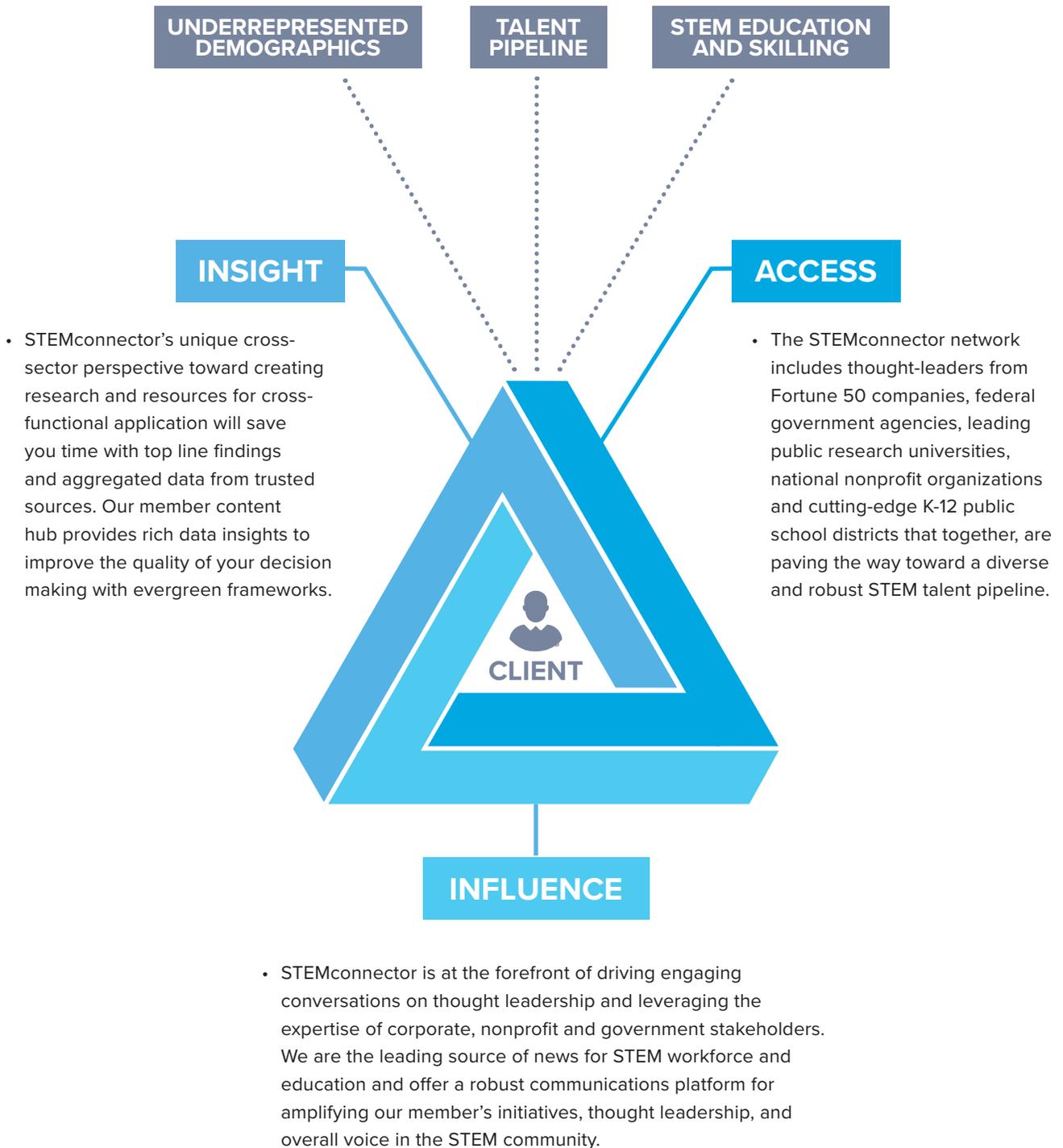
The State of Diversity in the STEM Workforce

With regards to gender and racial / ethnic diversity, the STEM workforce falls far below parity. This visualization highlights the gender and racial / ethnic breakdowns of STEM degree holders and STEM workers in the U.S. using the most recent comparable datasets.



The STEMconnector Engagement Model

STEMconnector provides a platform of opportunity to engage in STEM talent strategies from K12 to current workforce.



INSIGHT

STEMconnector produces market insights for knowledge and best practice, creating actionable insights and scalable recommendations. Our research stands apart from other STEM focused research due to its cross-sector perspective, cross-functional application and employer lens.

STEMCONNECTOR RESEARCH & TOOLS:

- Bolster your business case with quantitative data, qualitative narratives and industry benchmarking.
- Keep you informed of trends and enable better planning for the future.
- Improve decision making and strategic plans by leveraging evergreen frameworks for success.
- Save time and resources by providing topline findings and aggregate data from trusted sources.
- Easily access relevant and timely research and statistics through our web application.
- All members of your company or university will have access to the STEMconnector web application.



State of STEM
Data Series



State of DEI
in STEM



Overlooked
Talent Pools



Solution
Deep Dives



Presentation
Builder

“ In addition to facilitating access and connections to leading STEM stakeholders, STEMconnector offers valuable strategic insights, based on empirical evidence, into next-level practices that have helped inform and accelerate our STEM talent investments and community outreach and equity work. ”

-P. Stavropoulos, Regeneron

ACCESS

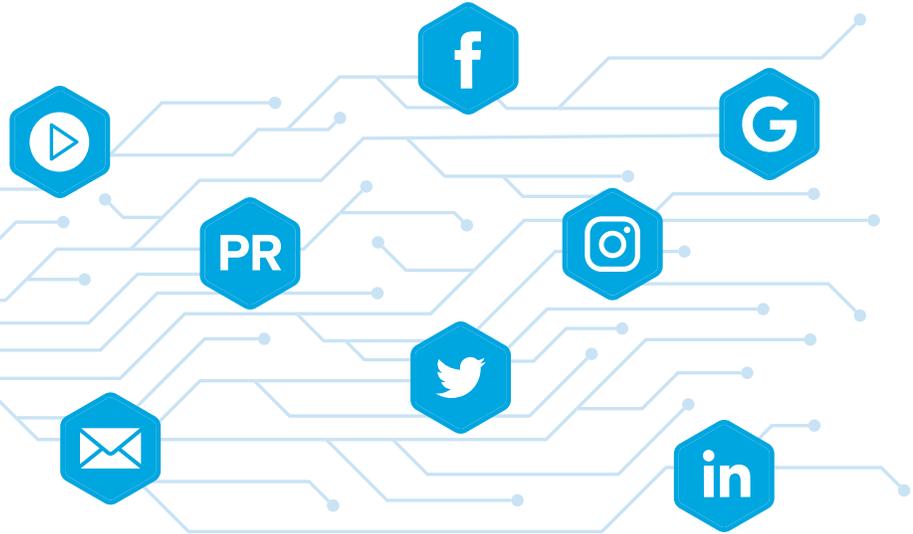
Join STEMconnector and thought-leaders from Fortune 50 companies, federal government agencies, leading public research universities, national nonprofit organizations and cutting-edge K-12 public school districts in ongoing conversations on growing a diverse STEM-ready workforce.

LEADERS IN STEM INITIATIVES



INFLUENCE

Leverage the strength and breadth of the STEMconnector network and communications offerings. We lend a trusted, independent voice to amplify your STEM and DEI initiatives.



- Co-branded Publications
- Blog Posts
- Social Media Amplification
- Virtual Events
- Co-created Op-Eds
- E- Books
- Content Series

STEMdaily

- A premier news source for STEM workforce and education
- 18,000+ subscribers



Million Women Mentors

2M⁺

Mentor relationships

30⁺ states

With MWM communities

7 countries

With MWM communities

1B

Media reach annually

Million Women Mentors (MWM) is the premier network dedicated to encouraging girls and women around the world to pursue, persist and succeed in STEM careers. Research shows individuals with mentors have improved academic, social and economic potential. For women in STEM fields, this is increasingly important as young women look to role models to build confidence and increase opportunities.

The key objectives of the MWM network are to:

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



2.5x

Girls with a mentor are 2.5X more likely to be confident in the ability to succeed in school and career



52%

Women are 52% of the college educated workforce

and only...



29%

of the STEM workforce



50%

of women in STEM careers drop out of their field within the first 12 years

Corporate Engagement with MWM

NATIONAL SPONSORSHIP

Advance women and girls onto STEM pathways and demonstrate your corporate commitment to women in STEM.

STATE LEADERSHIP

Lead your state's efforts to impact local communities through mentoring. Work with state leaders and volunteers to put your brand at the center of the local movement to advance women and girls in STEM.

EMPLOYEE ENGAGEMENT

Launch or expand community-based mentoring programs in key locations.

GLOBAL LEADERSHIP

Amplify your mentoring efforts abroad by connecting to the MWM global network with existing chapters in such locations as India, Pakistan and Turkey.



[DOWNLOAD REPORT](#)



*Global Network.
Real Impact.*



Global Information and Analytics Company Creates More Opportunities for Women

Challenge:

A global financial information and analytics company was looking to showcase their commitment to creating opportunities for women in the workforce, growing the number of women in leadership roles and achieving pay parity. They wanted to amplify the company's research on the value of women in the workforce and engage their own workforce in creating opportunities for girls and women.

Solution:

- Leverage MWM's communications platforms and mentoring resources to amplify their commitment to mentoring and promoting women and girls in STEM.
- Launch a national, company-wide, community engagement program to support girls and women on STEM pathways.
- Over 100 employees across the US signed up to mentor girls and women at such organizations as MentorNet, A Division of Great Minds in STEM and Big Brothers, Big Sisters.
- Company continues to a target list of mentee partner organizations and sets goals around its mentoring efforts to maximize the impact of their efforts.



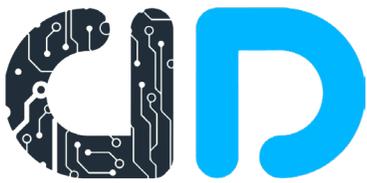
Leading Insurance Company Creates More Opportunities for Women in STEM

Challenge:

A leading specialized insurance company wanted to create and promote opportunities for women in STEM roles in the insurance industry and promote itself as a thought leader in this work. They wanted help establishing a network of companies and other organizations that are also committed to raising awareness of opportunities in the insurance industry and amplifying the importance of mentoring girls and women in STEM.

Solution:

- Collaborated with MWM and leveraged the network to co-create the Women in Insurance initiative.
- Created a consortium of corporations and organizations dedicated to driving pay parity and equality in career advancement for women throughout the insurance industry.
- The Women in Insurance Initiative has grown to include 11 member companies, organized for action, with members taking leadership roles on one of four committees.



day of design PROGRAM

**Local connections and National presence.
Connect to your current workforce
through a Day of Design Sponsorship.**

Day of Design program addresses the 5 critical gaps in the STEM workforce of the future by engaging students in collaborative problem solving linked to real world business issues.



**Fundamental
Skills**



Belief



**Postsecondary
Education**



Geography



Demographics

STEMconnector's Day of Design Program provides K-12 and postsecondary students with a project-based learning activity that incorporates important principles of STEM knowledge, design thinking, problem solving, communication and teamwork as well as a way to engage employees in local communities. Layer on STEMconnector's marketing amplification program to showcase your brand and your commitment to STEM education and STEM talent development, this program provides national presence and local impact.

50K+

**Students reached
in the Day of
Design Program**





2021 Calendar of Events

01 JANUARY

- Place-Based Considerations for Developing a STEM Workforce
- 2021 STEMconnector Member Kickoff Webinar

02 FEBRUARY

- The State of Diversity, Equity, and Inclusion in STEM: 2021
- Million Women Mentors Turkey - Program Launch

03 MARCH

- Female STEM Leaders Challenge Convention Webinar

04 APRIL

- STEMconnector: Profiles in Excellence Webinar
- STEMconnector STEM in the World: How STEM Will Save the Planet

05 MAY

- STEMconnector: Profiles in Excellence Webinar
- STEMconnector: Profiles in Excellence, STEM Competitions

06 JUNE

- STEMconnector K-12 Innovation Lab

07 JULY

- STEMconnector: Profiles in Excellence Webinar

08 AUGUST

- STEMconnector: Profiles in Excellence Webinar
- STEMconnector Postsecondary Innovation Lab

09 SEPTEMBER

- STEMconnector: Profiles in Excellence Webinar

10 OCTOBER

- STEMconnector & Million Women Mentors Summit

11 NOVEMBER

- STEMconnector: Profiles in Excellence Webinar
- STEMconnector Workforce Development Innovation Lab

12 DECEMBER

- STEMconnector: Profiles in Excellence Webinar



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