

ISACA[®]

#WeAreOne

**SHELEADSTECH PROGRAM
&
CYBERSECURITY SKILLS GAP
...
HOW IT FITS TOGETHER?**

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She Leads Tech



How a Cyber Attack Could Cause the Next Financial Crisis

by ~~Paul Mee~~ and ~~Til Schuermann~~

SEPTEMBER 14, 2018

Ever since the forced bankruptcy of the investment bank Lehman Brothers triggered the financial crisis 10 years ago, regulators, risk managers, and central bankers around the globe have focused on shoring up banks' ability to withstand financial shocks.

But the next crisis might not come from a financial shock at all. The more likely culprit: a cyber attack that causes disruptions to financial services capabilities, especially payments systems, around the world.

Criminals have always sought ways to infiltrate financial technology systems. Now, the financial system faces the added risk of becoming collateral damage in a wider attack on critical national infrastructure. Such an attack could shake confidence in the global financial services system, causing banks, businesses and consumers to be stymied, confused or panicked, which in turn could have a major negative impact on economic activity.

CYBERSECURITY SKILLS GAP

MIND THE GAP

By 2022, there will be a shortage of 1.8 million information security workers.



Source: https://iamcybersafe.org/research_millennials/



CYBERSECURITY SKILLS GAP

Forbes CommunityVoice Connecting expert communities to the Forbes audience. What is This?

4,545 views | Aug 9, 2018, 07:30am

The Cybersecurity Talent Gap Is An Industry Crisis



Brian NeSmith CommunityVoice
Forbes Technology Council

POST WRITTEN BY

Brian NeSmith

Brian NeSmith is the CEO and Co-Founder of [Arctic Wolf Networks](#), a leading SOC-as-a-service company based in Sunnysvale, CA.

If you're finding the job market a bit tight these days, you must not be in cybersecurity. As hackers ramp up attacks with increasingly sophisticated methods and tools that are readily available for purchase on the dark web, the "white hats" need all the help they can get. According to recent estimates, there will be as many as 3.5 million unfilled positions in the industry by 2021.

This puts many organizations in a tight spot, as security engineers are hard to find and command top salary figures when available. Cybercriminals, of course, aren't complaining. They're doing everything they can to take advantage of understaffed firms that have little ability to prevent, detect and respond to attacks. These companies are at high risk of suffering a data breach that may take years to recover from.

THE FUTURE CYBERSECURITY WORKFORCE IS HERE

women cannot be left behind

Attracting women to the profession across all regions has the potential to shrink the workforce gap, but only if they can be hired, trained, and retained in sufficient numbers.

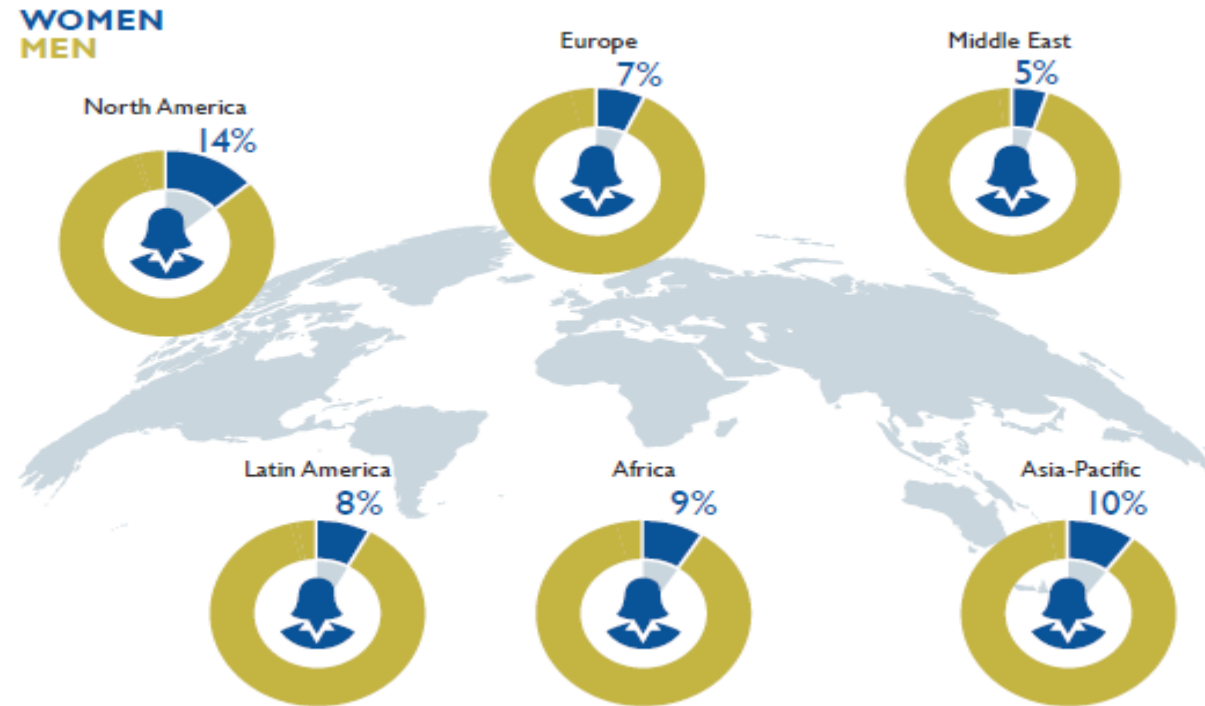


A global study from the Peterson Institute for International Economics found that corporations going from having no women in corporate leadership to a 30% female share saw a one-percentage-point increase in net margin — which translates to a 15% increase in profitability for a typical firm

THE FUTURE CYBERSECURITY WORKFORCE IS HERE

Females are approximately 50% of the global population!

Yet only 11% are represented globally in the cybersecurity profession.



Male and Female Cybersecurity Workforce Composition, by Region

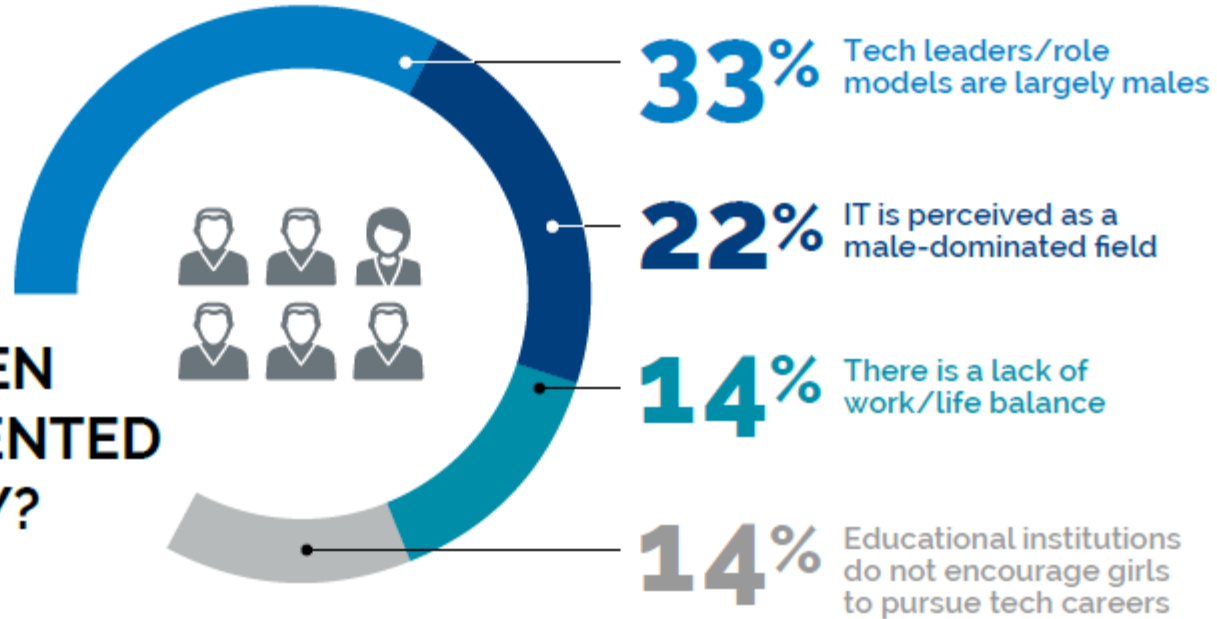
Source: 2017 Global Information Security Workforce Study

With a projected workforce gap, the problem of underrepresentation and underutilization of women needs to be solved to shrink this gap.

WHY ARE WOMEN UNDERREPRESENTED IN TECH?

WHY ARE WOMEN UNDERREPRESENTED IN TECHNOLOGY?

Top 4 answers



8 in 10 women report their supervisors are male



9 in 10 women are concerned about the number of women in the tech field



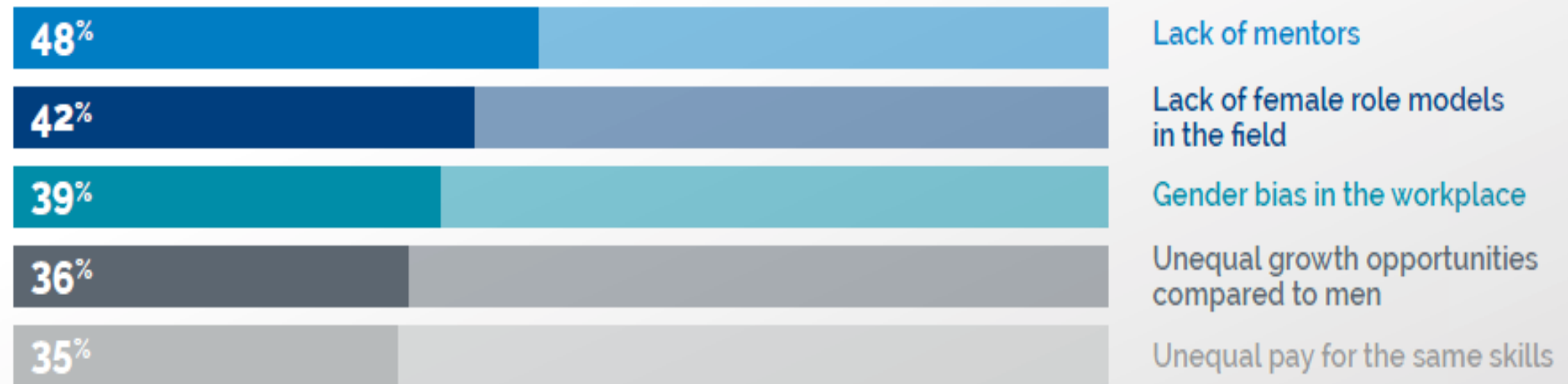
1 in 5 organizations very committed to hiring and advancing women in tech roles



1 in 5 organizations not at all committed to hiring and advancing women in tech roles

BIGGEST BARRIERS

TOP 5 BARRIERS EXPERIENCED BY WOMEN IN TECHNOLOGY



SHELEADSTECH PROGRAM

OUR MISSION



She LeadsTech

ISACA's SheLeadsTech program seeks to increase the representation of women in technology leadership roles and the tech workforce.

SHELEADSTECH PROGRAM

OUR MISION



ENGAGE

women in technology and
our allies to support and
advocate for change



EMPOWER

women as leaders,
role models and
mentors in their fields



ELEVATE

the role of women in
technology

**“We should be a
global network
of sounding
boards and
shining lights.”**

SHELEADSTECH PROGRAM

STRATEGIC PLAN

We will target ISACA's global network **with compelling calls to action** so that our constituents are more aware of the need for inclusive practices, and women think differently about their choices. **We believe by taking action in three key areas we can drive awareness and investment, and create community.**



We will work to **educate employees, allies and engaged professionals** so that we can overcome unconscious bias.



Our **training and skills development programs** will prepare the next generation of female leaders for the digital future.



Through **strategic partnerships**, we will amplify our impact beyond the ISACA network and support our chapters as they tackle the unique challenges in their country or region.

JOIN US AS WE MAKE A DIFFERENCE FOR EVERYONE IN TECH:

WHAT ISACA IS DOING

Raising Awareness

- Chapter Programming
- Male Advocacy Program
- Networking Events

Preparing to Lead

- ½ Day Workshops
- Webinars
- Speaking Opportunities

Building Global Alliances

- Strategic Partnerships
- Advocacy Days

JOIN US AS WE MAKE A DIFFERENCE FOR EVERYONE IN TECH

WHAT YOU CAN DO?

Raising Awareness



Write a blog post



Share your story



Host an event



Be an ally

Preparing to Lead



Join a board



Attend a SheLeadsTech event



Speak at a conference



Be a mentor

Building Global Alliances



Be a voice for change



Participate in a day of advocacy



Know your government officials



Share our calls to action on your social media

Celebrating success....

- 21 Chapters formally setup SheLeadsTech role in Chapter
- A webinar on diversity delivered on 15 February 2018 by three members of the Women's Leadership Advisory Council.
- National launch event for SheLeadsTech held as part of CSX in London October 2017. Panel discussion about the benefits of diversity in the workforce.
- SheLeadsTech events held in Manchester in October 2017 & Leeds in April 2018. Female keynote speakers and panel discussion about the benefits of diversity in the workforce. Others held in London in collaboration with BCS Women too!
- Setup of specific SheLeadsTech global chapter engagement working groups – how do we take our message to the chapters?
- First SheLeadsTech workshop this year at EuroCACS Edinburgh
- SheLadsTech session at Slovakia and Belgarde Chapter Conferences
- SheLeadsTech Xsession , Lisbon Chapter



#SheLeadsTech



She Leads Tech

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