



Texas *Girls*  
*Collaborative Project*

# Texas Women & Girls in STEM Summit

December 6, 2019

@TxGCP #TXGCPSummit



# TxGCP Mission

To connect & support organizations and individuals across Texas committed to informing and motivating girls to pursue careers in science, technology, engineering and mathematics (STEM)

## Million Women Mentors – Texas Mission

To support the engagement of STEM mentors (male and female) to increase the interest and confidence of girls and young women to persist and succeed in STEM programs



# TxGCP Resources, Programs and Events

- ▶ Foster connections and collaborations throughout Texas
  - Regional Networking Forums, Google Groups, Leadership Teams
  - Texas STEM Connections – STEM volunteer matching system
- ▶ Disseminate best practices, resources & curriculum to engage girls in STEM
  - Texas Women and Girls in STEM Summit
  - Monthly eNewsletter and Webinar Series
  - Workshops for SciGirls, Science Action Club, Role Models Matter, etc.



# THANKS

## to our Summit Sponsors



**Abbott**



*CIRRUS LOGIC*<sup>®</sup>



The University of Texas at Austin

Women in Engineering Program

*Cockrell School of Engineering*



**Abbott**



# SHAPING THE FUTURE OF STEM

A blueprint for launching a high school  
STEM internship program

# Challenge: Reinventing the Labcoat



# Summit Logistics

- ▶ 0.806/0.808 Auditorium Foyer Rooms:  
Coffee, Tea, Water | Resources | Lunch
- ▶ Water bottle refill stations near restrooms
- ▶ O's Campus Café upstairs on 2<sup>nd</sup> floor
- ▶ Soda can/bottle vending machines outside RLM
- ▶ Parking validation tickets – use the ticket you pulled first, then follow with “chaser ticket”



# Summit Logistics

- ▶ Nursing mothers room / quiet room on 2<sup>nd</sup> floor
- ▶ Breakout sessions in:
  - ▶ 2 rooms on ground floor
  - ▶ 1 room on South Tower 2<sup>nd</sup> floor
  - ▶ 2 rooms on North Tower 3<sup>rd</sup> floor
- ▶ CPE credit sign-in sheets in rooms
- ▶ Links to presentations, CPE credit certificates, list of summit participants emailed next week





# Summit Agenda

- ▶ MWM-TX Stand Up for STEM Awards
- ▶ Lightning Talks
- ▶ Breakout Sessions 1 & 2
- ▶ Lunch, Networking, Resource Sharing
- ▶ Breakout Sessions 3, 4 and 5
- ▶ Closing Reception, Networking, Resource Sharing





# Million Women Mentors® – Texas

*Advancing Women and Girls in STEM Careers Through Mentoring*

A movement organized by TxGCP and  
lead organization UTWEP across Texas  
[www.txgcp.org/million-women-mentors](http://www.txgcp.org/million-women-mentors)



# Stand Up for STEM Awards



**Million Women Mentors® – Texas**

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The University of Texas at Austin  
Women in Engineering Program  
Cockrell School of Engineering

**2019 Corporate Stand Up for STEM Award**

**Samsung Austin Semiconductor**



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The University of Texas at Austin  
Women in Engineering Program  
Cockrell School of Engineering

**2019 Mentor Stand Up for STEM Award**

**Mansoureh Tehrani**  
*TriReach Collaborative*



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The University of Texas at Austin  
Women in Engineering Program  
Cockrell School of Engineering

**2019 Collegiate Stand Up for STEM Award**

**Women Mentoring Women in Engineering**  
***The University of Texas at Dallas***



**Million Women Mentors® – Texas**

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lead organization UTWEP across Texas  
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The University of Texas at Austin  
Women in Engineering Program  
Cockrell School of Engineering

# 2019 High School Stand Up for STEM Award

## **Vandegrift Viperbots Hydra** ***Vandegrift High School, Leander ISD***



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lead organization UTWEP across Texas  
[www.txgcp.org/million-women-mentors](http://www.txgcp.org/million-women-mentors)



The University of Texas at Austin  
Women in Engineering Program  
Cockrell School of Engineering

## 2019 High School Stand Up for STEM Award

**Gouzia Sivarajah**  
*Heritage High School, Frisco ISD*



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The University of Texas at Austin  
Women in Engineering Program  
Cockrell School of Engineering

**2019 Educator Stand Up for STEM Award**

**Barbara Hewitt**  
***Texas State University***

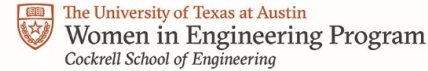




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[www.txgcp.org/million-women-mentors](http://www.txgcp.org/million-women-mentors)



# 2019 Educational Organization Stand Up for STEM Award



**deSTEMber**  
31 Days of STEM Fun!  
SCIENCE ★ TECHNOLOGY ★ ENGINEERING ★ MATH

PRESENTED BY:  
**girlstart**

**girlstart**

# Lightning Talks

- ▶ **AAAS and Lyda Hill Philanthropies IF/THEN Ambassadors**
  - *Dr. Amanda Masino, Huston-Tillotson University*
  - *Jennifer Stimpson, The Hockaday School*
- ▶ **Calling all STEMinistas: Elevating the Voices of Girls & Women in STEM**
  - *Dr. Stephanie Garcia, Intercultural Development Research Association*
- ▶ **Girl Powered - Redefining the Face of STEM**
  - *Leslie Hughes & Veronica Andrulat, Robotics Education Competition Foundation*
- ▶ **megaGEMS - STEAM Enrichment for High School Girls**
  - *Stephanie Weiss-Lopez, University of the Incarnate Word*
  - *Jenny Stewart, AVS Research Assistant/Meteorologist*
- ▶ **Empowering Girls to Innovate, Create, & Discover Their Potential Through Entrepreneurship**
  - *Scott Mann, VentureLab*



# **AAAS and Lyda Hill Philanthropies IF/THEN Ambassadors**

Dr. Amanda Masino, Huston-Tillotson University

Jennifer Stimpson, The Hockaday School



# Amanda Masino, Ph.D.

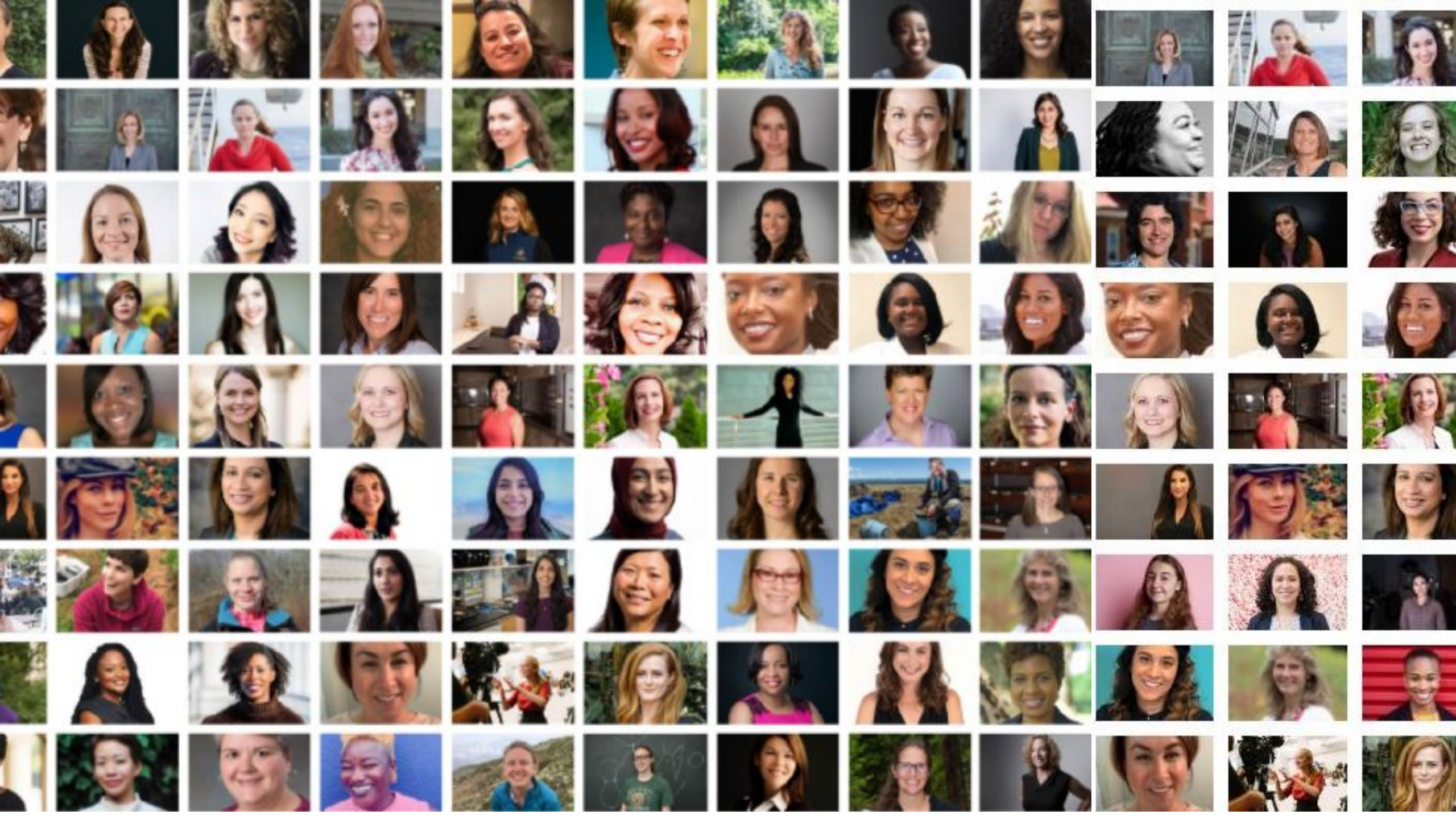
Chair of Natural Science  
Associate Professor of Biology  
Director, STEM Research Scholars  
Program and St. David's Scholars

**Huston-Tillotson University and  
The Dumpster Project, Austin TX**



# Jennifer Stimpson

Middle School Science Teacher  
**The Hockaday School**  
Dallas, Texas





IF WE SUPPORT A WOMAN IN STEM,  
THEN SHE CAN *change the world.*



REAL WOMEN IN STEM  
#SEEITBEIT

**MEN** OUTNUMBER  
**WOMEN** NEARLY  
**2-TO-1** OF ALL  
**STEM** CHARACTERS.

IF/THEN: THE LYDA HILL FOUNDATION  
SUPPORT RESEARCH ON GENDER IN MEDIA



#SEEITBEIT

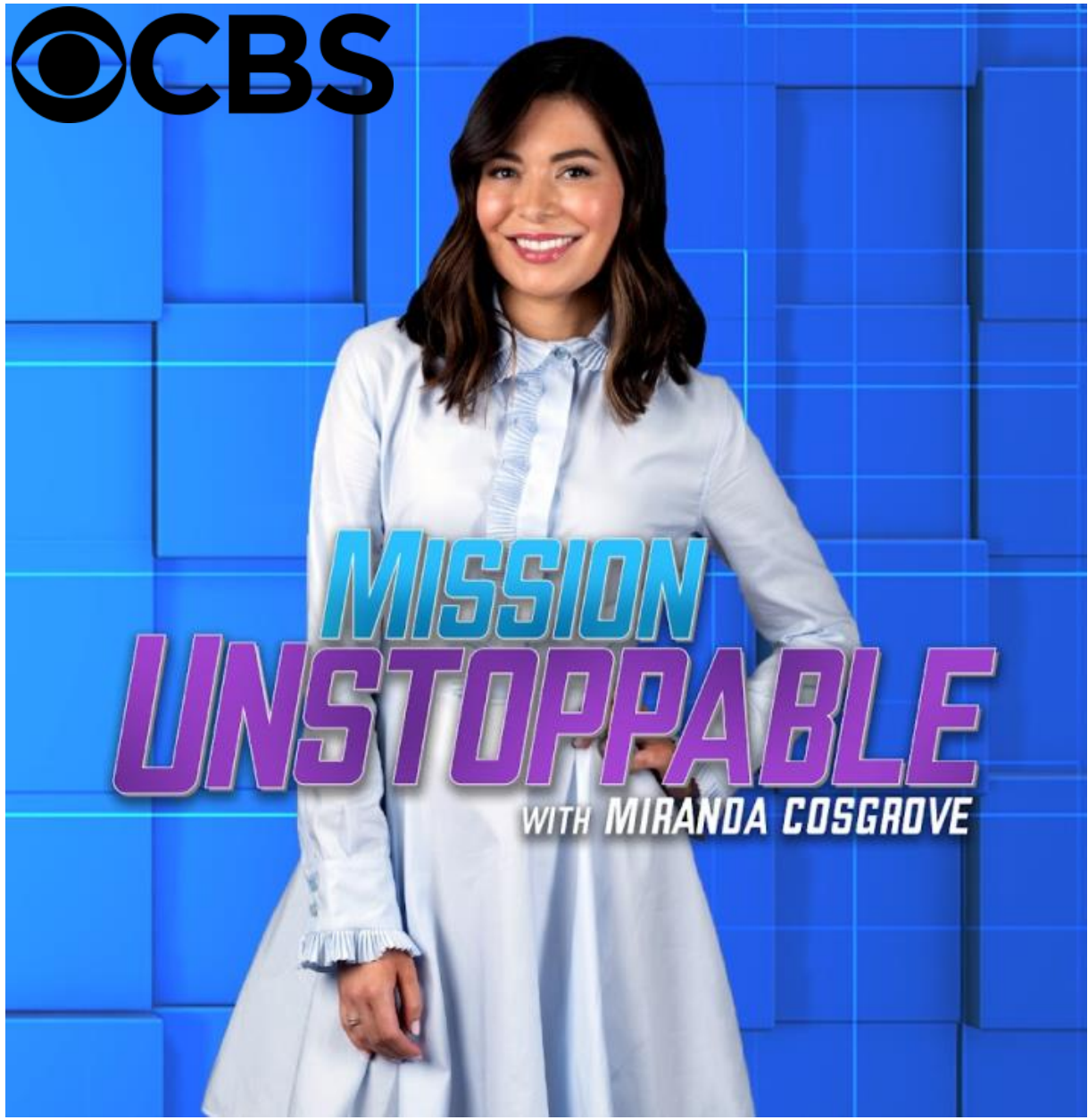
**71%** OF **STEM**  
CHARACTERS IN  
ENTERTAINMENT  
ARE **PORTRAYED**  
AS **WHITE**.

IF/THEN: THE LYDA HILL FOUNDATION  
SUPPORT RESEARCH ON GENDER IN MEDIA





**MISSION  
UNSTOPPABLE**  
WITH MIRANDA COSGROVE





# CONNECTING WOMEN STEM PROFESSIONALS TO EVERY CLASSROOM

We make it easy for teachers to invite women STEM professionals virtually into the classroom to bring real world role models to learning



## Welcome to The IF/THEN Classroom Connection

[Login](#)   [Sign Up for Free!](#)

The IF/THEN® Classroom Connection is a web-based tool to bring real women STEM role models into classrooms and nonprofit programs. This platform makes it easy for professionals to share their skills and expertise to bring real-world, authentic learning opportunities to all our students to create the next generation of innovators. Through virtual sessions and digital content, professionals can help educators and program providers connect their



IF/THEN® COLLECTION

Coming Soon – Resources for role models, educators and parents to use to inspire and educate girls about STEM.



We'd love to hear from you!

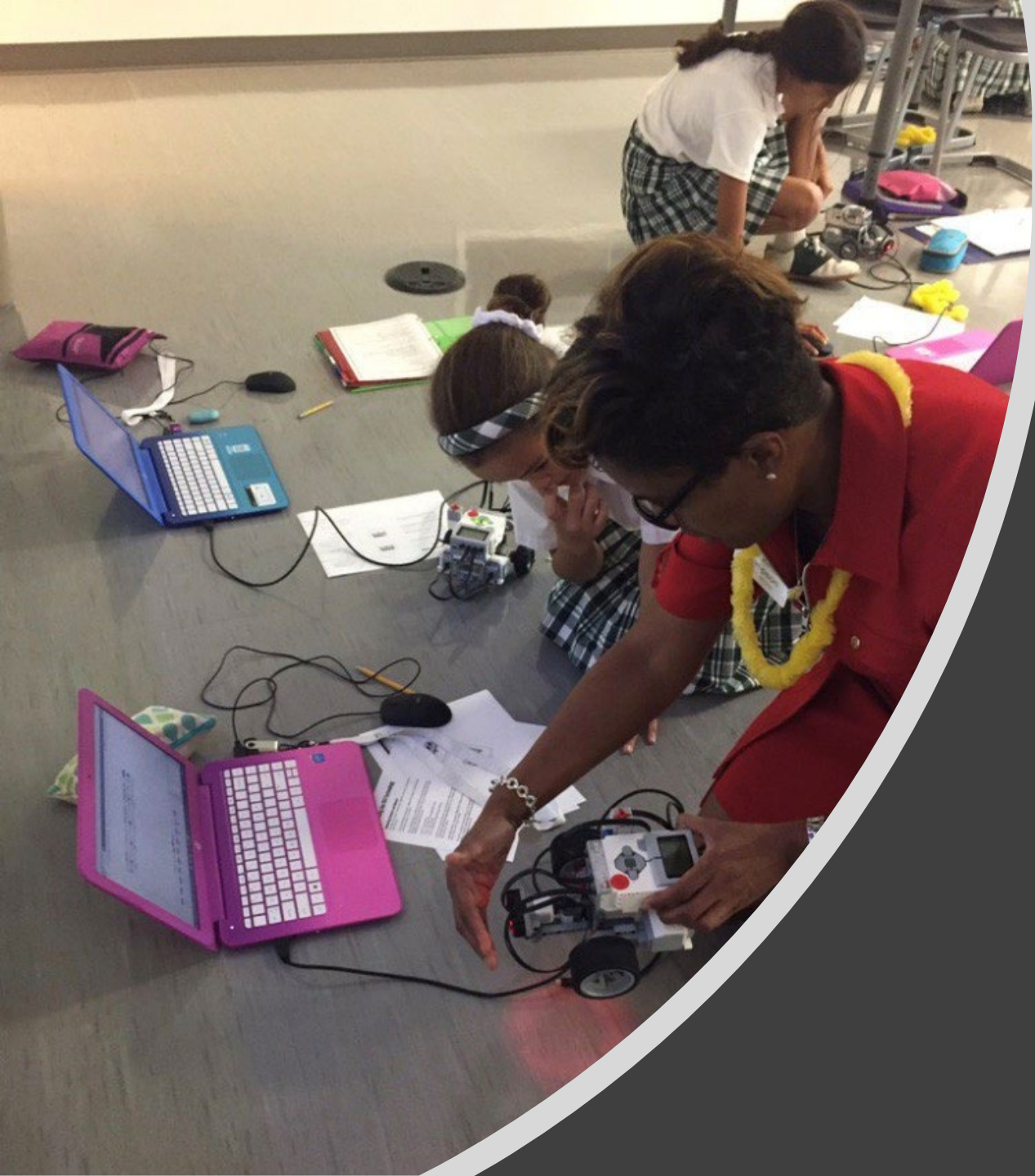
Full Name

Email Address

...Teaching students about the wonders and possibilities of science through education and innovation...

Science Educators are motivators





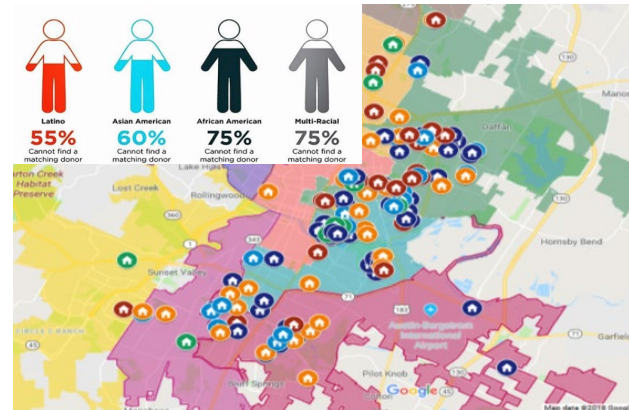
Learning  
STEM  
through a  
figured  
world



Middle School is a critical time in adolescent development to expose students to real-world science.

**IF** she can see  
her  
possibilities,  
**THEN** she can  
walk toward  
her destiny

# Science + Social Justice at an HBCU



Urban Coyote Research

Health Disparities and Housing Research

Environmental Justice



# The Dumpster Project



# Being a Scientist with OCD

“Having OCD is like living with a bully in your head constantly. OCD is not an adjective, it's a serious illness.”



#OCDAwarenessWeek

**time to change**

let's end mental health discrimination

**GRATITUDE**

NOVEMBER 6, 2019  
DALLAS, TX  
[STORYCOLLIDER.ORG/SHOWS](http://STORYCOLLIDER.ORG/SHOWS)

THE STORY COLLIDER

Amanda Masino  
Ellen Fultz  
John Mead  
Leah Waters  
Myria Perez

# LINKS!

- IF/THEN Initiative - [ifthen.org](http://ifthen.org)
- Geena Davis Institute on Media - [seejane.org](http://seejane.org)
- Nepris – [ifthenshecan/nepris.com](http://ifthenshecan/nepris.com)
- #ifthenshecan on Insta and Twitter
- @steministamanda on Insta or [htmasino@gmail.com](mailto:htmasino@gmail.com)
- @jstempscience on Insta or [jcstimp@gmail.com](mailto:jcstimp@gmail.com)

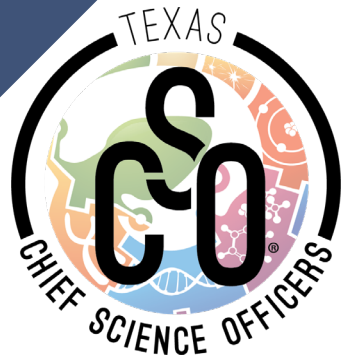
IF WE SUPPORT A WOMAN IN STEM,  
THEN SHE CAN *change the world.*



# **Calling all STEMinistas: Elevating the Voices of Girls & Women in STEM**

Dr. Stephanie Garcia  
Intercultural Development Research Association

# Calling ALL STEMinistas!



Children First  
**IDRA**  
Transforming Education

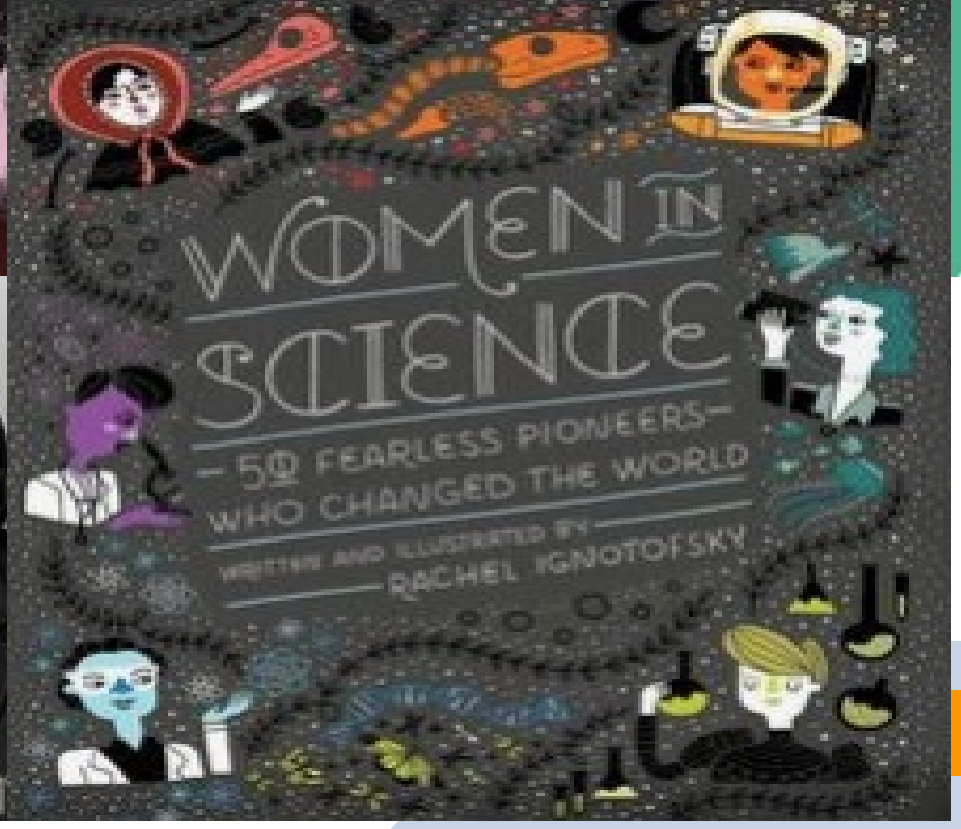
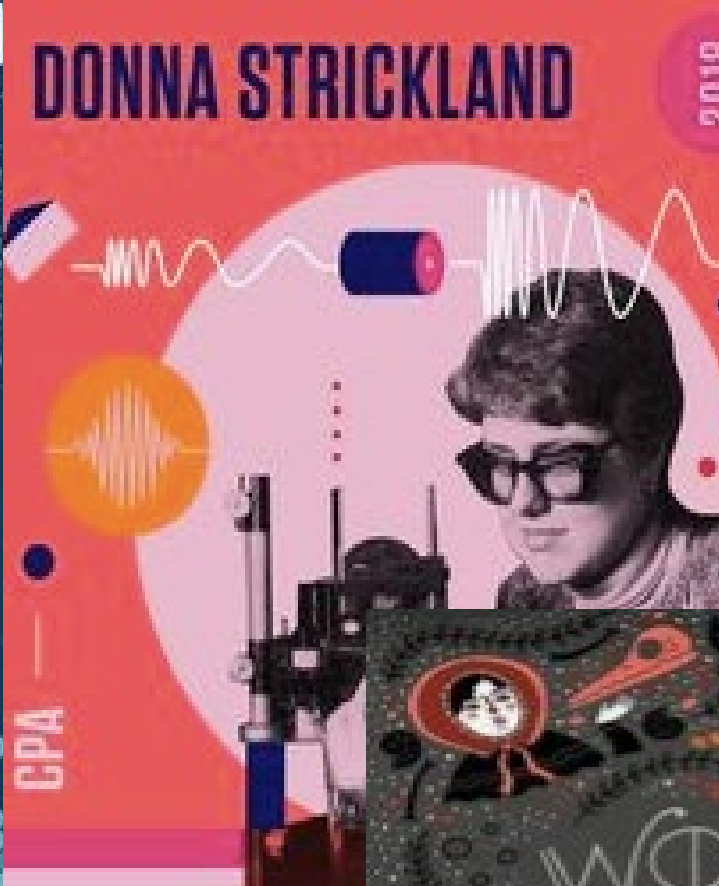
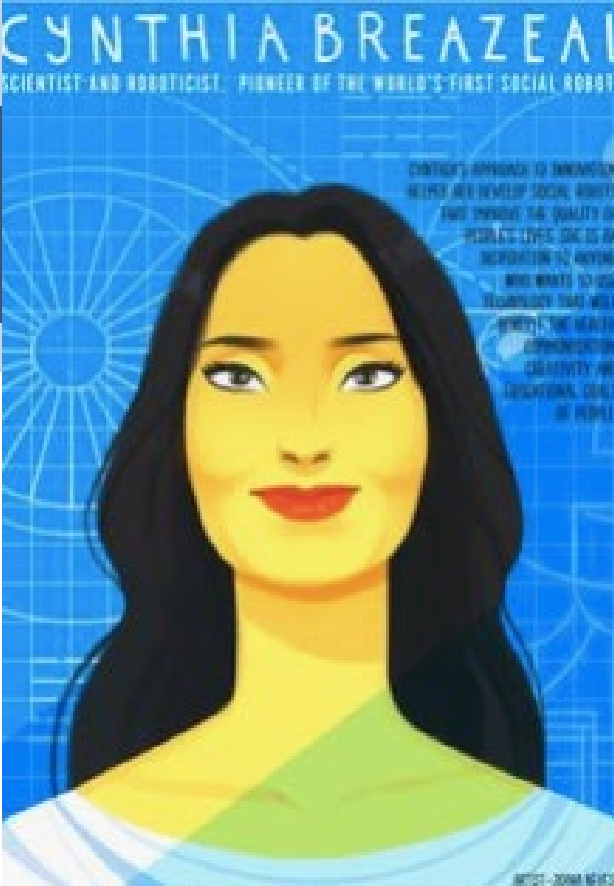
**Dr. Stephanie Garcia**



## WHAT IS A STEMINIST?

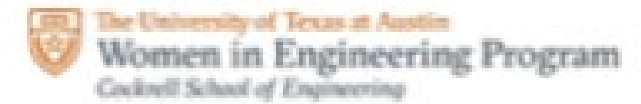
**STEM + FEMINIST =**







Texas *Girls*  
Collaborative Project



**“Behind every great woman,  
is great women!”**



# STEMinistas Push Back!



- Historical marginalization & structural inequalities
- Tracked out of college preparatory classes
- Excluded from positions of power
- The list goes on...

# STEMinistas Benefit From:



- Respecting and valuing women's and people of color's cultural forms, traditions and contributions to the field
- Economic and social mobility
- Access to high-level STEM learning
- The list continues...



**RESIST  
PERSIST  
STEMINIST**

## **Promote and Advance**

Policies and practices that protect these civil rights



“  
**COMMUNITY  
OVER  
COMPETITION**

JUST CREATIVE

# Commit to Community



**#GOALS + PLANS → ACTION**



# AMPLIFY STUDENT VOICE



# The future of work is here!

## 5 most in-demand soft skills in 2019

1. Creativity
2. Persuasion
3. Collaboration
4. Adaptability
5. Time Management

## 5 most in-demand hard skills in 2019

1. Cloud Computing
2. Artificial Intelligence
3. Analytical Reasoning
4. People Management
5. UX Design



It is estimated that since 2018, 2.4 million STEM jobs have gone unfulfilled. Minorities are deeply underrepresented in STEM fields. STEM jobs typically pay \$20,000 more annually than non-STEM jobs.



- Latinx 2.2%
- African American 2.7%
- Native American 3.3%
- White and Asian American 91.8%

## Is Texas Ready?

Children First

**IDRA**

Transforming Education

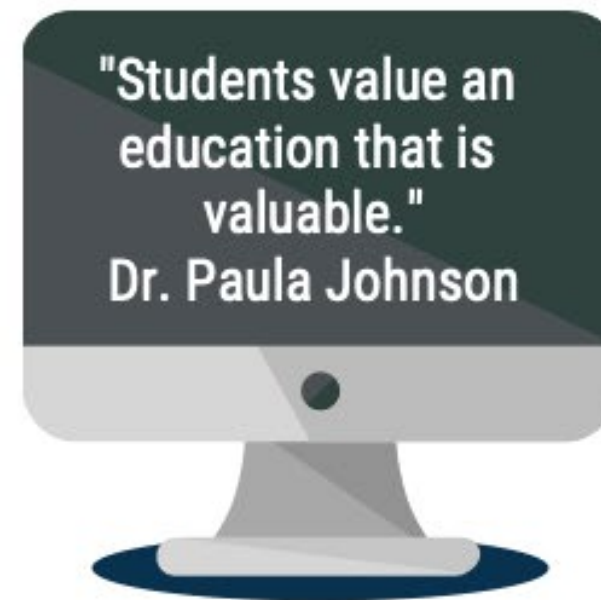
# All students are valuable, none is expendable!



"We are going to open up new opportunities for new kids who maybe never thought they could make it this far. We are going to show them: 'You are somebody, and you will make a great impact on our future.'"

– Middle school Chief Science Officer,  
Alicia DeHoyos, Dwight STEM Academy,  
South San Antonio ISD

"Students value an education that is valuable."  
Dr. Paula Johnson







**Encourages Peer  
Collaboration**



**Amplifies  
Student Voice**



**Encourages Community  
over Competition**



**Builds STEM  
Leadership Capacity**



**Fosters Creativity  
and Innovation**





## Don't Just Hope It Happens, Make It Happen!

**87%**

of CSOs self-reported progress in inspiring their peers with STEM

**95%**

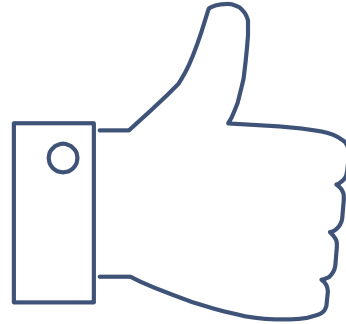
of CSOs expressed increased interest in a STEM Career

**72%**

of adults intend to share the program with their associates after meeting a CSO

**90%**

of CSOs expressed increased connection with the STEM Community



# THANKS!

**Any questions?**

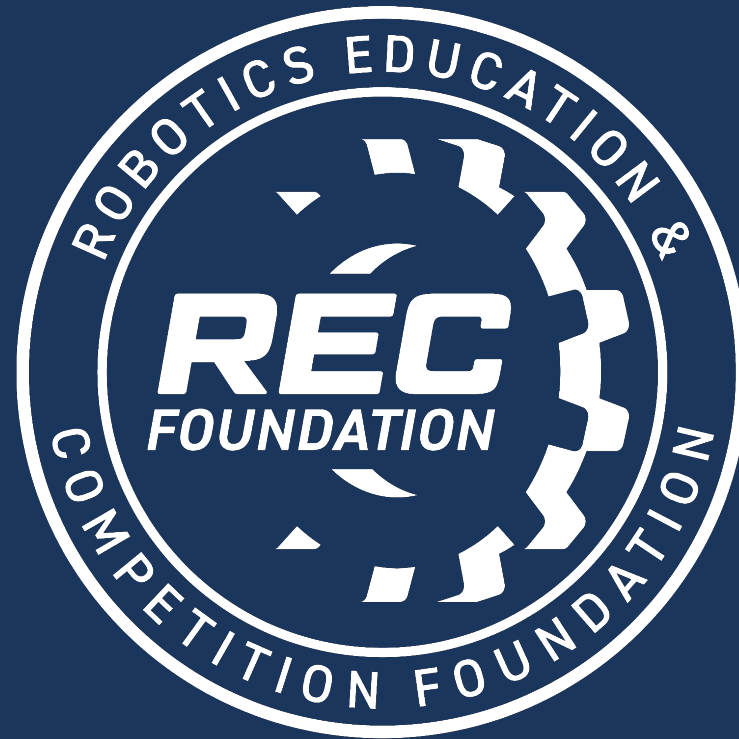
You can find me at

**@STEMinistx**

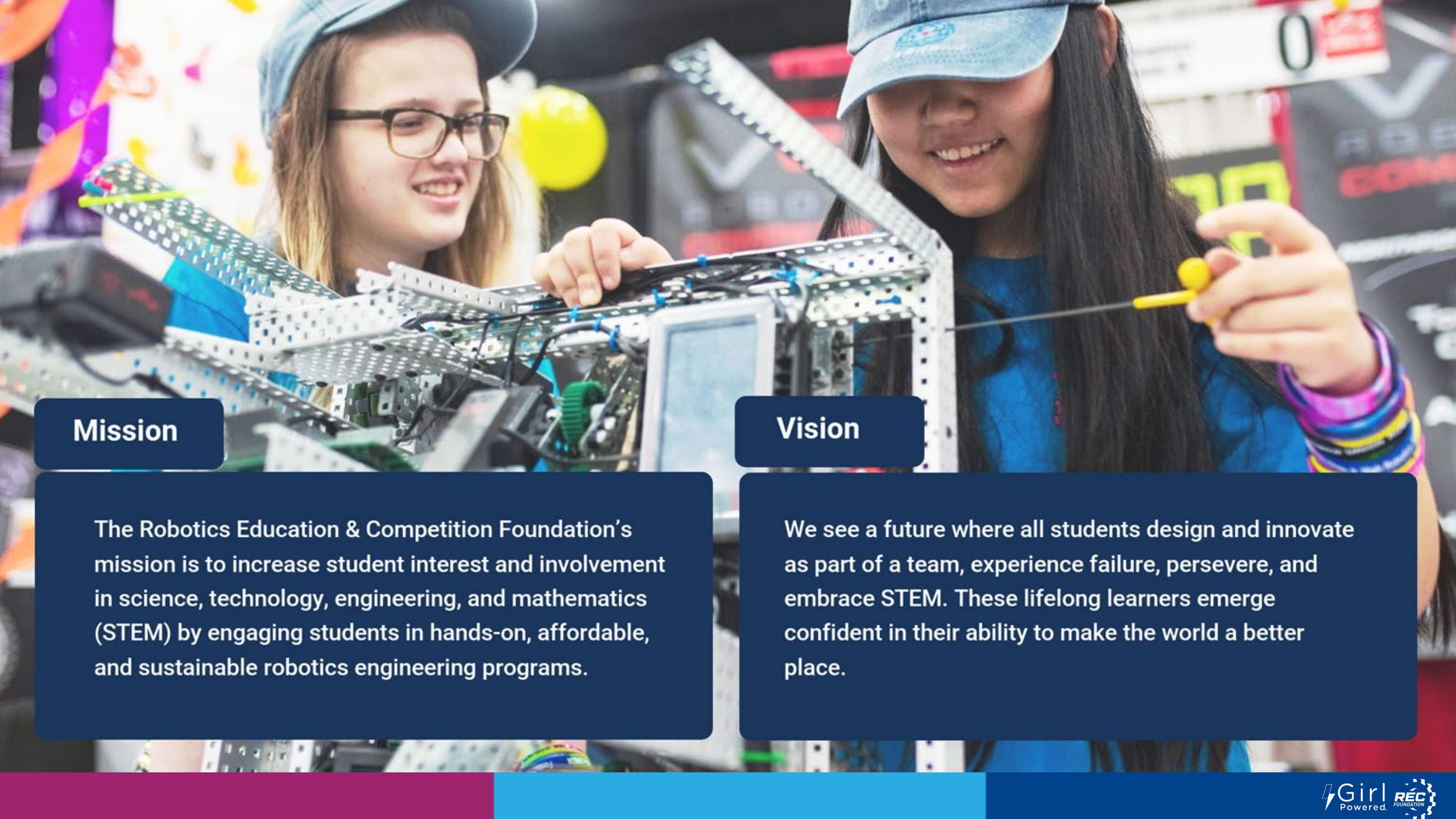
**[Stephanie.Garcia@idra.org](mailto:Stephanie.Garcia@idra.org)**

# **Girl Powered - Redefining the Face of STEM**

Leslie Hughes & Veronica Andrulat  
Robotics Education Competition Foundation



Inspiring students, one robot at a time



## Mission

The Robotics Education & Competition Foundation's mission is to increase student interest and involvement in science, technology, engineering, and mathematics (STEM) by engaging students in hands-on, affordable, and sustainable robotics engineering programs.

## Vision

We see a future where all students design and innovate as part of a team, experience failure, persevere, and embrace STEM. These lifelong learners emerge confident in their ability to make the world a better place.

# IMPACT



The REC Foundation is proud to impact so many within the robotics and STEM communities world-wide.

I can hire these kids who are coming out of these programs directly into the workforce because they have all the skills that we look for. They know how to work on a team, they know how to program, they know how to deal with real-world systems, they also know how to deal with failures more importantly.

Shivakumar Venkataraman, Vice President of Engineering at Google.





Girl Powered is a joint initiative between the REC Foundation and VEX Robotics to redefine the face of STEM and strives for equal (50%) representation of girls in our robotics programs.



## Gender Diversity Promotes:



### Accountability

Improves team performance with improved monitoring of work



### Efficiency

Higher chance of meeting obligations and deadlines



### Equity

Ensured equal participation



**68%**

of elementary level boys participating in STEM.



**33%**

of elementary level girls participating in STEM



**50%**

of the U.S. college educated population is made up of women.



**24%**

of those college educated women are in STEM related fields

# Gender Comparison Research

Male students enjoyed driving the robot and decision making.



Female students enjoyed programming the robot and attending competitions.



## Girl Powered Grants



”  
Robotics and STEM should be about building everyone within the community up and valuing each person’s voice and opinions.

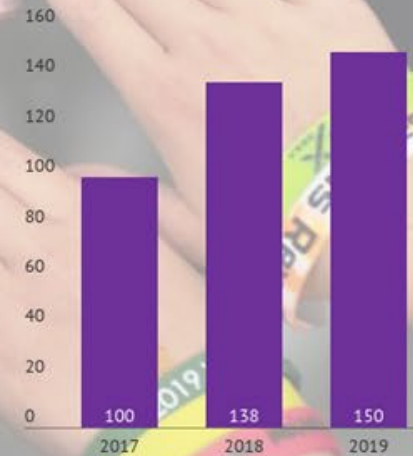
Jaden Baldwin, VEX Robotics Mentor

## Female Participation in VEX Programs



Female participation in VEX Programs is on the rise from 23% in 2016 to 39% in 2019. We hope to reach our goal of 50% participation in 2020.

## Girl Powered Workshops



Girl Powered Workshops empower women and their communities to engage in STEM activities, hear from inspirational female speakers, and build friendships.

\*Soft skills such as collaboration, communication and creative thinking are critical to Hiring Managers in their evaluation of job applicants



# SKILLS GAINED THROUGH ROBOTICS

- 1 TEAMWORK
- 2 COLLABORATION
- 3 CREATIVE PROBLEM SOLVING
- 4 TIME MANAGEMENT
- 5 CRITICAL THINKING
- 6 COMMUNICATION

It turns out that the global business world agrees that creativity is a critical skill for the future workforce



**World Economic Forum:**

Complex problem solving, critical thinking and creativity are the three most important workforce skills required to thrive in 2020 and beyond.

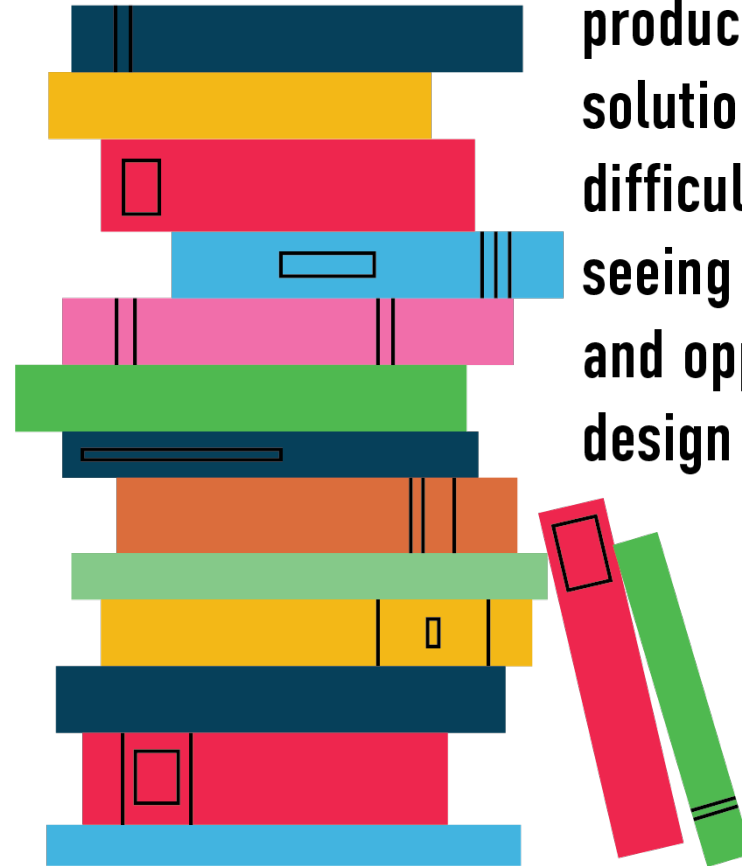
**Bloomberg:**

Creative problem solving, communication, strategic thinking and leadership are the most desired but hardest to find skillsets

VRC positively impacts student growth in

**95%** of students in the areas of

producing creative solutions to difficult problems, seeing possibilities, and opportunities in design challenges.



Source: Georgia Institute of Technology - An Evaluation of the VEX Robotics Competition

Creative problem solving skills are critical to future career success in an age of automation

69% of educators agree that there is not enough emphasis on creative problem solving in today's curricula

These skills are not being nurtured in school due to lack of time to create; lack of teacher training on new software, outdated standardized tests and more.

Source: <http://cps.adobeeducate.com>

## DUE TO THEIR PARTICIPATION IN VEX ROBOTICS, STUDENTS LEARNED HOW TO

**97%**  
**PROBLEM SOLVE**

MAKE THE MOST OF THEIR TIME

**88%**

**89%**  
KEEP THEMSELVES AND THEIR TEAM MOTIVATED

VISUALISE A SOLUTION IN THEIR MIND

**89%**

**91%**

WORK BY TRIAL AND ERROR

REACH AN AGREEMENT

**94%**

Source: Upfront Consulting 2012 Evaluation Report

89% of students and 93% of teachers agree that creativity is going to play an integral role in solving today's global challenges.

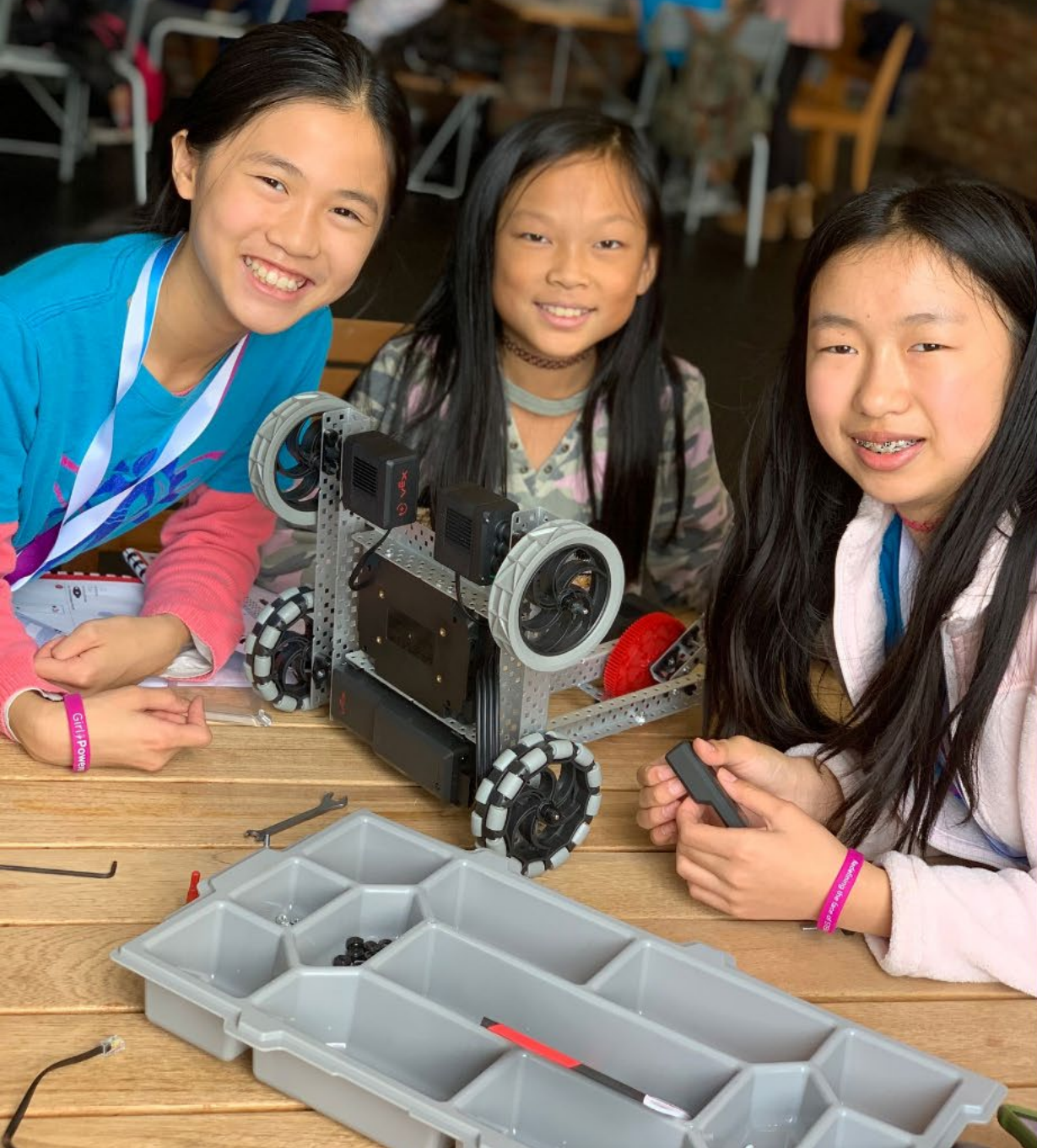
Source: <http://cps.adobeeducate.com>



97% of team leaders reported student growth in engineering habits of mind including communications and justification of ideas and engaging in systems thinking



Source: Georgia Institute of Technology - An Evaluation of the VEX Robotics Competition



# Host or Volunteer at a Girl Powered Workshop

Girl Powered Workshops are meant to engage and inform young women about STEM and robotics!

Workshops may include:

- Hands-on activities
- Robotics demonstrations
- Girl Powered Pledge Station
- Female STEM Speaker

Resources and materials are available at [girlpowered.com/workshops](https://girlpowered.com/workshops) including:

- Sample Schedules
- Activity Guides
- Coaches Guide
- Downloadable Assets







# STEM CITY

DALLAS, TX

## Join our Executive Advisory Committee for the VEX Robotics World Championship

- Planning and Implementing Public Relations
- Fundraising Leadership
- Development of Program Policy





## Thank You



Contact Amelia Gulling at [amelia\\_gulling@roboticseducation.org](mailto:amelia_gulling@roboticseducation.org) to learn more and get involved



 **Girl**  
Powered.

# **megaGEMS - STEAM Enrichment for High School Girls**

Stephanie Weiss-Lopez, University of the Incarnate Word  
Jenny Stewart, AVS Research Assistant/Meteorologist

# megaGEMS

STEAM ENRICHMENT SUMMER PROGRAM FOR HIGH SCHOOL GIRLS  
THE UNIVERSITY OF THE INCARNATE WORD

JENNY STEWART & STEPHANIE WEISS-LOPEZ

# STEAM...

- NUTRITION
- CODING/PROGRAM
- WEB DESIGN
- ROBOTICS
- CHEMISTRY
- BIOLOGY
- PHYSICS
- ENGINEERING
- METEOROLOGY

# Reaching to new boundaries...

Judson ISD

San Antonio ISD

Southside ISD

Girls Inc.

Northeast ISD – new for 2020



# Transportation...

- ❖ Daily to & from UIW
- ❖ No cost to campers



# Nutrition...

- ❖ Breakfast
- ❖ Lunch
- ❖ Snack & take home snack





Future chefs...

The science of cooking



# Daily Activities...

megaGEMS	Monday	Tuesday	Wednesday	Thursday	Friday
<b>Time</b>	17-Jun	18-Jun	19-Jun	20-Jun	21-Jun
8:30-9:00am	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
9:00-11:00am	Icebreakers/	EV3	GEEK BUS	Trevino	Meteorology - activity
11:00-11:10am	Break	Break	Break	Break	Break
11:10-12:30	Slime/ Toothpick tower	Creative Programming	GEEK BUS	Trevino	EV3
12:30-1:30pm	Lunch	Lunch/Guest Speaker	Lunch	Lunch	Lunch/Guest Speaker
1:30-2:45pm	EV3	GS (Dr. Labay)	GEEK BUS	Creative Programming	Nutrition sushi
2:45-3:10pm	Snack	Snack	Snack	Snack	Snack
3:10-4:00pm	EV3	EV3	GEEK BUS	EV3	EV3
4:00-4:15pm	Clean up & Journaling	Clean up & Journaling	Clean up & Journaling	Clean up & Journaling	Clean up & Journaling
4:15-4:30pm	Pick up snack & Load bus	Pick up snack & Load bus	Pick up snack & Load bus	Pick up snack & Load bus	Pick up snack & Load bus
	Monday	Tuesday	Wednesday	Thursday	Friday
<b>Time</b>	24-Jun	25-Jun	26-Jun	27-Jun	28-Jun
8:30-9:00am	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
9:00-11:00am	Egg Drop	Creative Programming	Dr. Kumari	Creative Programming	FLL Obstacles
11:00-11:10am	Break	Break	Break	Break	Break
11:10-12:30	Elephant Toothpaste	FLL Obstacles	Dr. Kumari	FLL Obstacles	Competitions
12:30-1:30pm	Lunch	Lunch	Lunch	Lunch/Guest Speaker	Lunch/Nutrition
1:30-2:45pm	Nutrition muffin	FLL Obstacles	Dr. Kumari	Green Screen	Posters
2:45-3:10pm	Snack	Snack	Snack	Snack	Snack/Posters
3:10-4:00pm	EV3	FLL Obstacles	Dr. Kumari	FLL Obstacles	Posters/Pictures
4:00-4:15pm	Clean up & Journaling	Clean up & Journaling	Clean up & Journaling	Clean up & Journaling	Clean up & Journaling
4:15-4:30pm	Pick up snack & Load bus	Pick up snack & Load bus	Pick up snack & Load bus	Pick up snack & Load bus	Pick up snack & Load bus

# Research Camp

Took personal interest of the girls and related it to STEAM fields.



# Haptic Research...

Dr. Thomas M. Evans

University of the Incarnate Word  
President



# Solar Research...

Solar pizza oven & healthy nutritious recipes



# Unmanned Aerial Vehicle (UAV)

16 year old - FAA Licensed Drone Pilot



# What is research?

## Writing and Presenting Scientific Research



# Special visits...

## HEB Beauty Department

- ❖ Promoting healthy body and mind





# Congressman...

William Hurd  
Texas 23<sup>rd</sup>  
Congressional District



# Acknowledgments and Funding...

- ▶ UIW Deans Office of the School of Mathematics, Science and Engineering
- ▶ UIW Office of Mission and Ministry
- ▶ Mathworks for their gifts
- ▶ Festo for their BioFishes
- ▶ Aramark Cleaning Services Staff
- ▶ UIW Shuttle Services
- ▶ Dr. Michael Frye
- ▶ UIW AVS Lab
- ▶ For more information: [gemssatx@gmail.com](mailto:gemssatx@gmail.com)
- ▶ HEB
- ▶ Texas Workforce Commission
- ▶ San Antonio Area Foundation
- ▶ Rackspace
- ▶ Najim Family Foundation





# **Empowering Girls to Innovate, Create, & Discover Their Potential Through Entrepreneurship**

Scott Mann, VentureLab

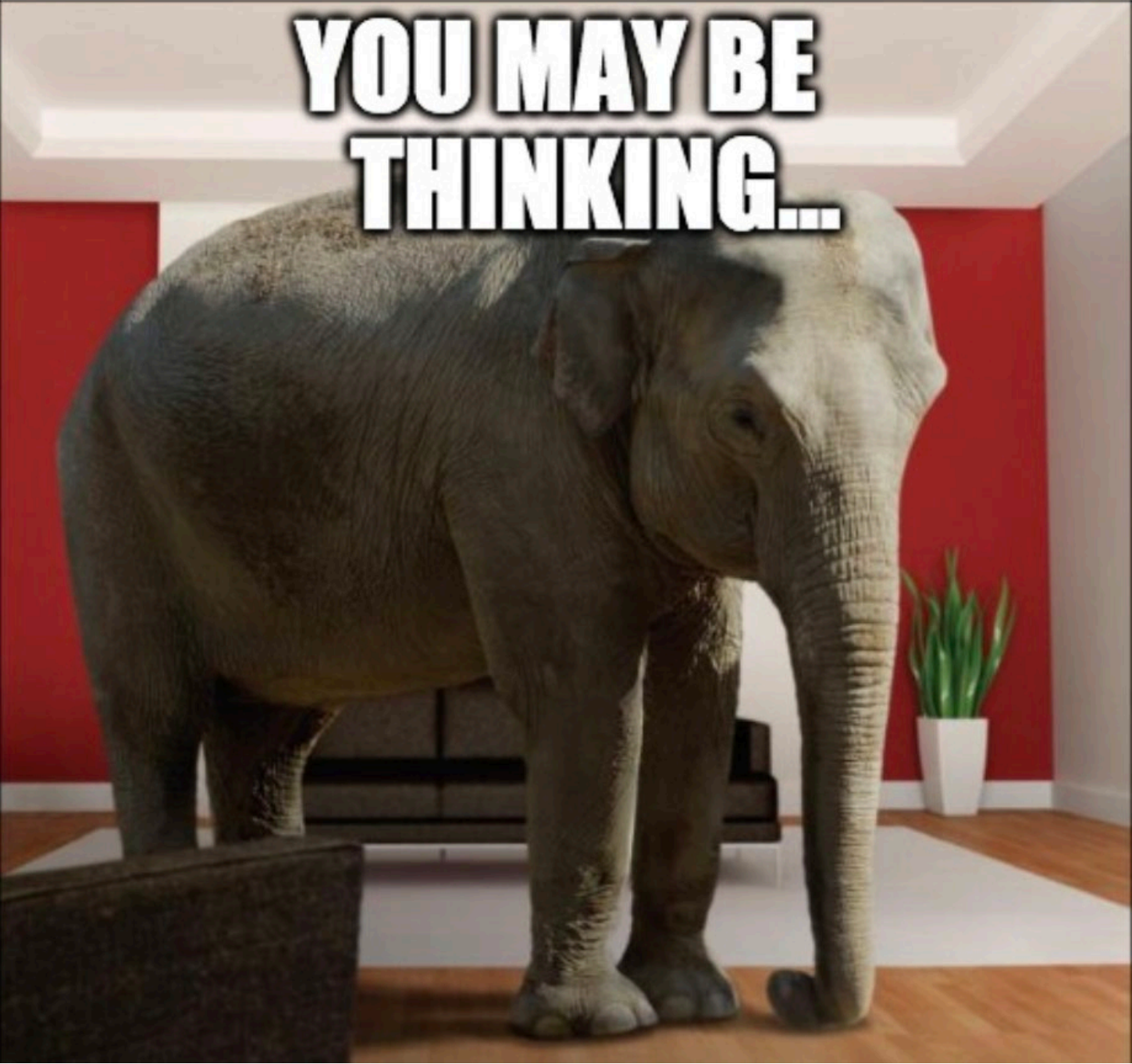
# Empower Girls to Innovate, Create, & Discover Their Potential through Entrepreneurship

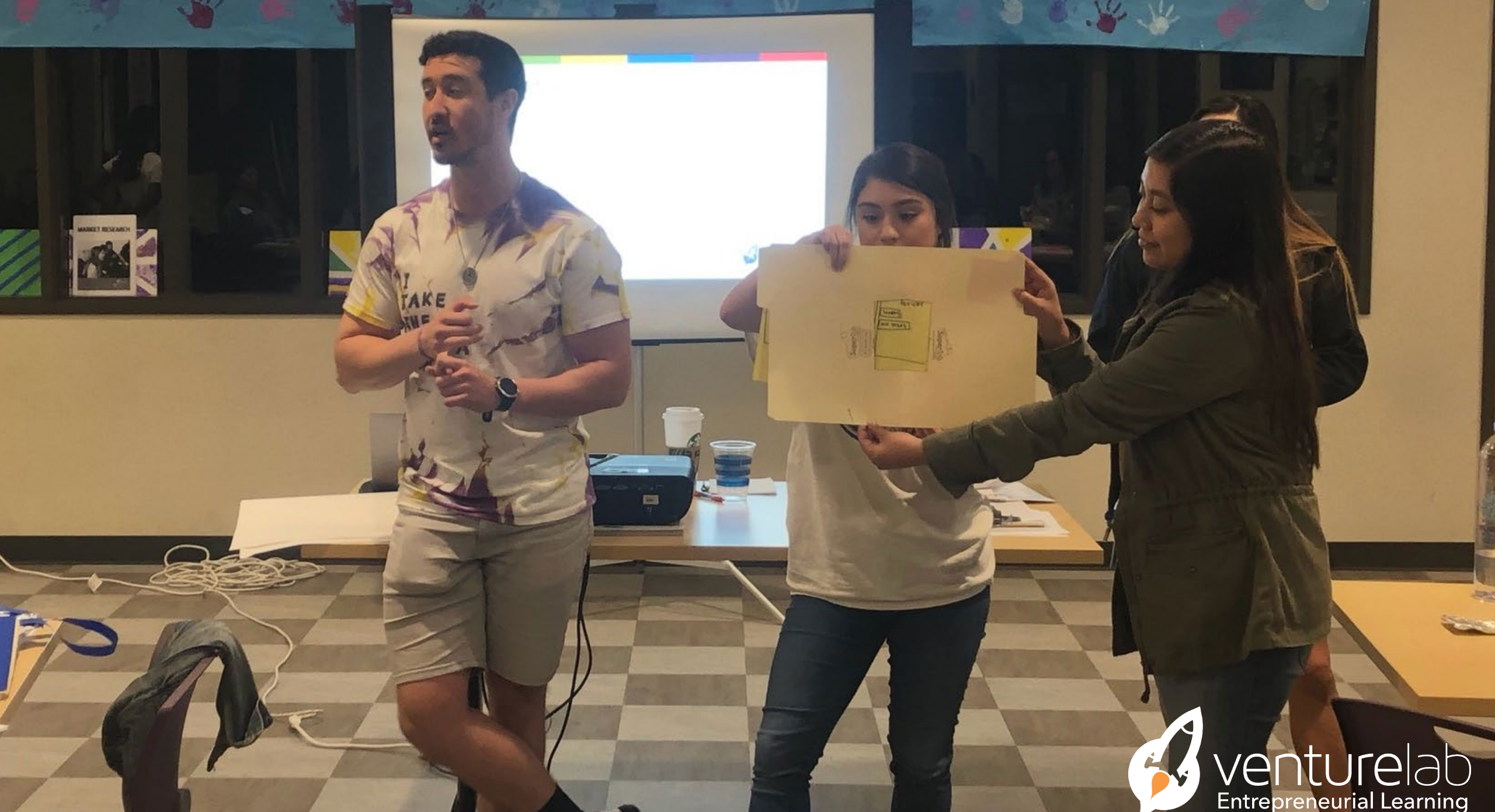
Scott Mann, Director of Education | VentureLab  
Texas Women and Girls in STEM Summit Lightning Talk 2019



**WHAT IF...**

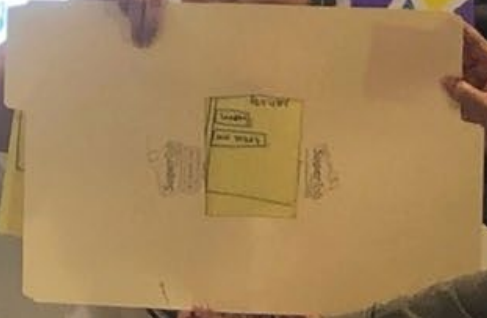
**YOU MAY BE  
THINKING...**





MARKET RESEARCH

TAKE  
NE



venturelab  
Entrepreneurial Learning

CEOs

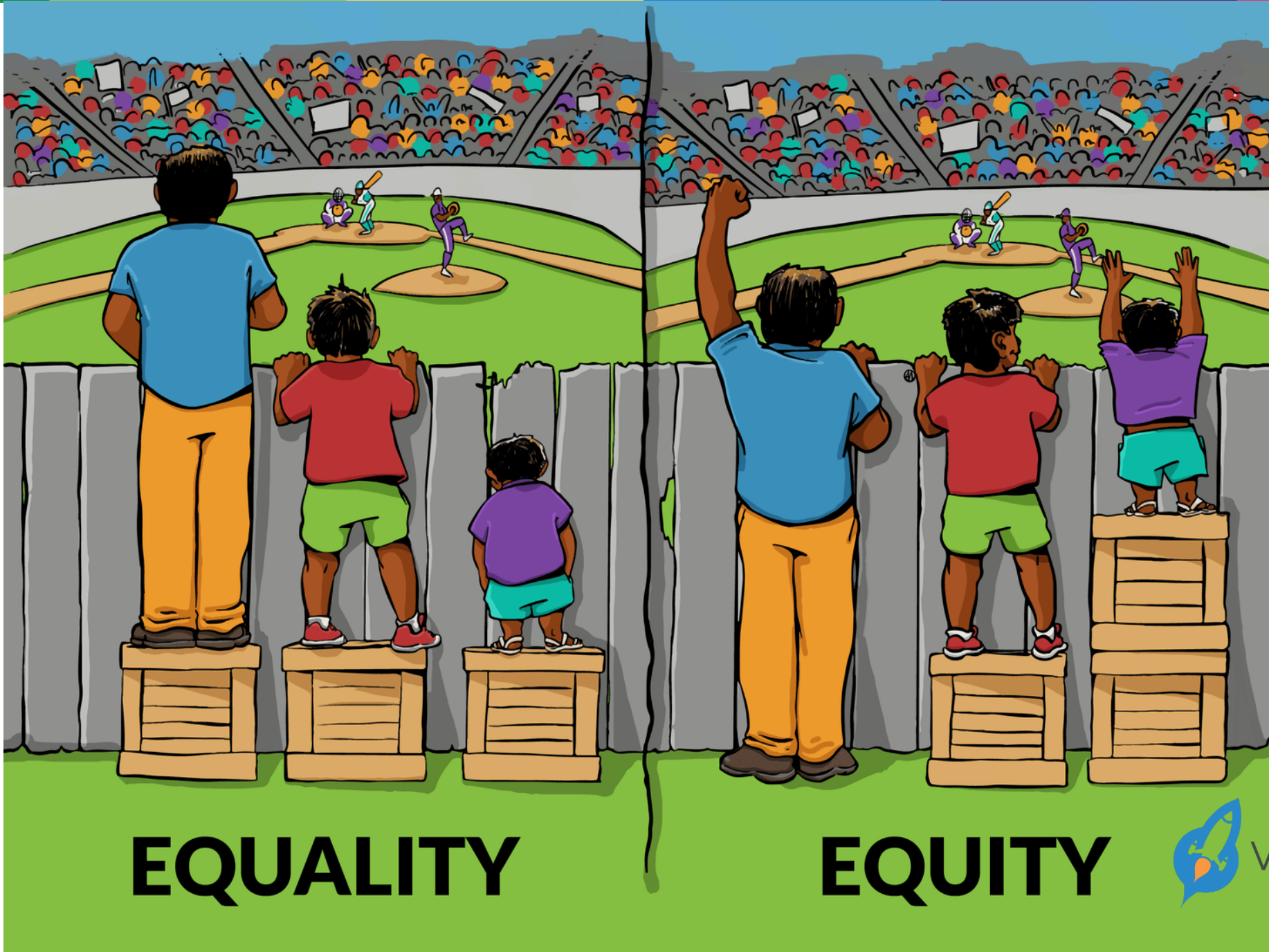
The diagram consists of three overlapping circles. The largest circle is white and contains the text 'CEOs'. Inside it is a smaller blue circle containing the text 'CEOs named John'. Inside the blue circle is the smallest orange circle containing the text 'All female CEOs'. The background of the entire slide is a photograph of a modern glass skyscraper.

CEOs  
named  
John

All female  
CEOs







**EQUALITY**

**EQUITY**

# Entrepreneurship brings STEAM to life



# What is entrepreneurship? Who is an entrepreneur?



Entrepreneurship = Mindset + Skillset



Entrepreneur = Anyone & Everyone

# The entrepreneurial mindsets and skills

- Curiosity
- Growth Mindset
- Courage
- Persistence and Grit
- Opportunity-seeking
- Creative Problem Solving
- Redefining Failure
- Optimism
- Resourcefulness
- Adaptability
- Empathy



- Creativity
- Teamwork
- Idea Generation
- Opportunity Analysis
- Market Research
- Design Thinking
- Prototyping
- Business Model
- Pitching
- Public Speaking



# Professional Development & Trainings

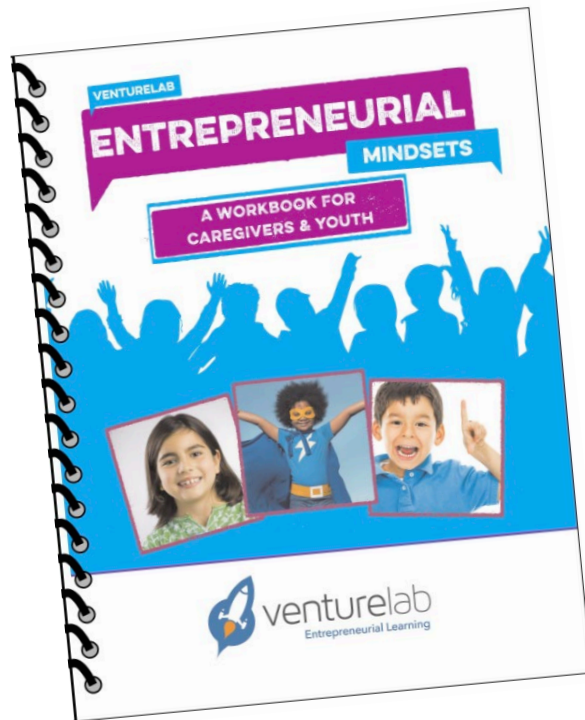
- Entrepreneurship + STEAM = Tying together all of the disciplines
- Preparing youth for **workforce (college and career) success**
- Promoting entrepreneurial mindsets and skills in **afterschool (OST/ELO)**
- Engaging families through entrepreneurship

# K-12 Entrepreneurship Curriculum

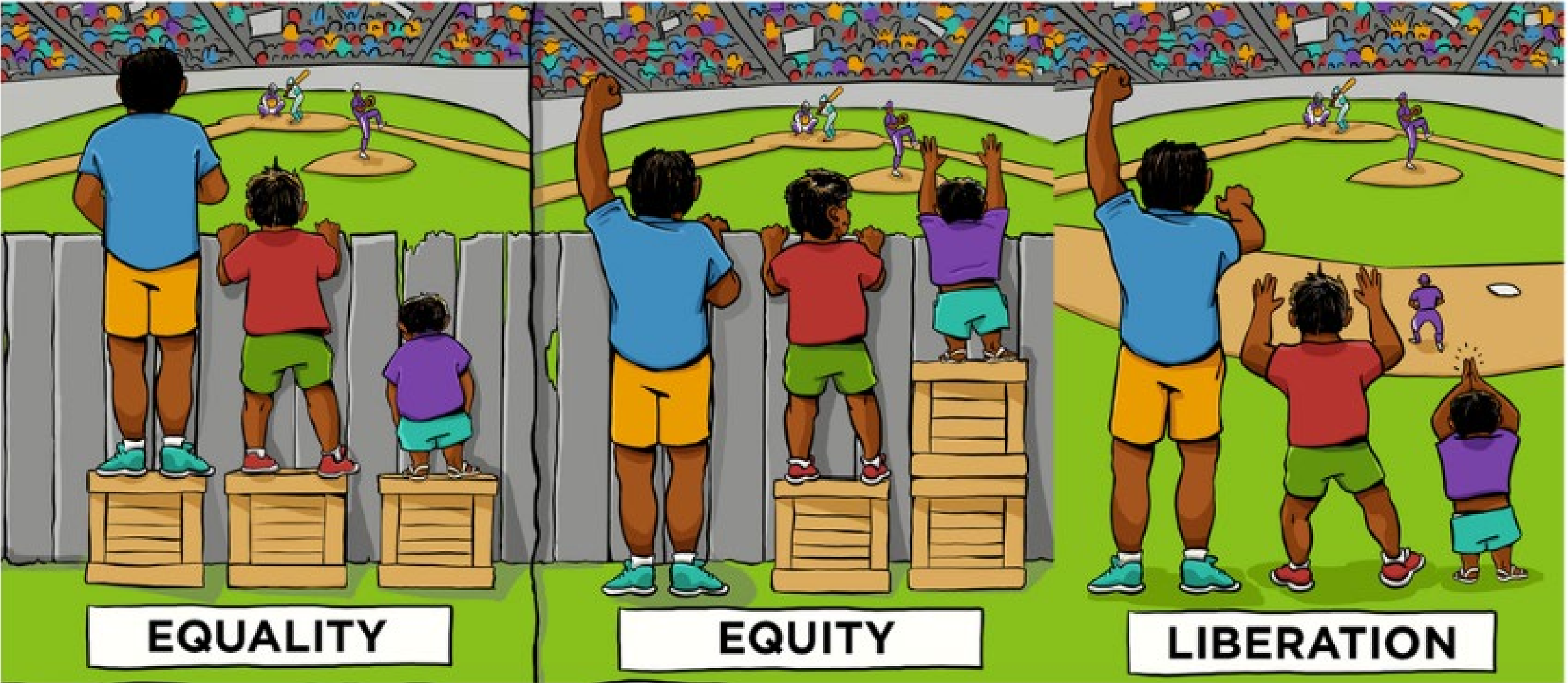
- Flexible to fit any schedule
- Simple implementation
- 21st Century Skills
- Hands-on activities
- No entrepreneurship background needed

# Family Engagement Resources

- Mindset-focused and available in English and Spanish
- 2 Generation learning – Caregivers or Mentors WITH kids







**EQUALITY**

**EQUITY**

**LIBERATION**



venturelab

Beyond Learning.



# Lightning Talks

- ▶ **AAAS and Lyda Hill Philanthropies IF/THEN Ambassadors**
  - *Dr. Amanda Masino, Huston-Tillotson University*
  - *Jennifer Stimpson, The Hockaday School*
- ▶ **Calling all STEMinistas: Elevating the Voices of Girls & Women in STEM**
  - *Dr. Stephanie Garcia, Intercultural Development Research Association*
- ▶ **Girl Powered - Redefining the Face of STEM**
  - *Leslie Hughes & Veronica Andrulat, Robotics Education Competition Foundation*
- ▶ **megaGEMS - STEAM Enrichment for High School Girls**
  - *Stephanie Weiss-Lopez, University of the Incarnate Word*
  - *Jenny Stewart, AVS Research Assistant/Meteorologist*
- ▶ **Empowering Girls to Innovate, Create, & Discover Their Potential Through Entrepreneurship**
  - *Scott Mann, VentureLab*





Texas *Girls*  
*Collaborative Project*

# Texas Women & Girls in STEM Summit

December 6, 2019

@TxGCP #TXGCPSummit

