

Volunteer Webinar: Texas STEM Connections



Webinar starts at 8 a.m. CT

**Introduce yourself
in the chat area**

Central Texas Discover Engineering (@CTDEngineering)

Texas Girls Collaborative Project (@TxGCP)

UT Austin Women in Engineering Program (@UTWEP)



Texas *Girls*
Collaborative Project



Educator Webinar: Texas STEM Connections



Tricia Berry
@STEMtricia
triciaberry@txgcp.org

Central Texas Discover Engineering (@CTDEngineering)

Texas Girls Collaborative Project (@TxGCP)

UT Austin Women in Engineering Program (@UTWEP)



Texas Girls
Collaborative Project



Central Texas Discover Engineering

The mission of Central Texas Discover Engineering is to excite Central Texas K-12 students to pursue careers in math, science and engineering through in-class, hands-on engineering activities and collaborative, volunteer-driven initiatives of the engineering and education communities.

engineerintheclass.org





Texas *Girls*
Collaborative Project



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)

www.txgcp.org

www.ngcproject.org/



Texas *Girls*
Collaborative Project





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



Texas Girls
Collaborative Project



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

Million Women Mentors is a movement to spark the interest and confidence of girls and women to pursue and succeed in STEM careers and leadership opportunities through the power of mentoring.

www.txgcp.org/million-women-mentors

www.millionwomenmentors.com



Texas Girls
Collaborative Project





The University of Texas at Austin

Women in Engineering Program

Cockrell School of Engineering

Recruit, retain and graduate women to advance gender equity in engineering

Create a network of engineering peers and professionals by providing academic, career and leadership opportunities

Educate and connect K-16 STEM communities across Texas with Texas Girls Collaborative Project

www.engr.utexas.edu/wep



Texas *Girls*
Collaborative Project





Texas STEM Connections

**Connecting STEM
Professionals to every student
through in-person and real-
time, virtual connections
requested by educators**

www.TexasSTEMconnections.org

A graphic of the Texas state flag, featuring a white star on a blue field, a white horizontal stripe, and a red horizontal stripe.

Texas STEM Connections

**Connecting STEM
Professionals to every student
through in-person and real-
time, virtual connections
requested by educators**



www.TexasSTEMconnections.org



Texas *Girls*
Collaborative Project



CONNECTING STEM PROFESSIONALS TO EVERY STUDENT

We make it easy for STEM professionals to share their expertise and experience with students through both in-person and real-time, virtual connections

www.TexasSTEMconnections.org



Users may use Nepris login on Texas STEM Connections to gain access to free in-person connection system. Virtual sessions are fee-based for educators.



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Sign up for a new account

Already Signed Up? Click [Sign In](#) to your account.
Need Help? [Check out this video](#)

First Name *

Last Name *


Email Address *

Username *

Password *


Confirm Password *

How would you describe yourself? *




[DASHBOARD](#) [SESSION](#) [CONNECTIONS](#) [CAREER EXPLORER](#) [MESSAGES](#)

[START HERE](#)



TEXAS STEM CONNECTIONS BY TXGCP

BRONZE PLAN 

IMPACT SCORE : 287

EDIT PROFILE

LIVE 0

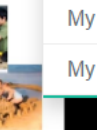
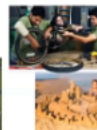

0 Teacher Requests

VIDEOS RECOMMENDED

Full Length Video

I become an Engineer

Do you like to assemble or disassemble things?



OFFER INDUSTRY CHAT

BROWSE VOLUNTEER OPPORTUNITIES

UPCOMING INDUSTRY CHATS

Browse Virtual Volunteer Opportunities

Browse Industry Chats

Offer a Live Industry Chat - Share your Expertise!

Recommended Virtual Sessions

Browse Video Library

Session Calendar

Browse In-Person Volunteer Opportunities

Browse Offer Templates

Offer In-Person Events/Services/Opportunities

Recommended In-Person Sessions

My Virtual Sessions

My In-Person Sessions

My Favorite Templates

My Bookmarks

My Playlist

287

IMPACT SCORE


Rank Level: Lecturer

LEARN MORE


Full Length Video


Circuit Board

Parts or components are on it yet.




Full Length


 Browse In-Person Volunteer Opportunities
or
Offer In-Person Events/Services/Opportunities


National Girls Collaborative Project

Texas Girls Collaborative Project

 TEXAS GIRLS COLLABORATIVE PROJECT

CENTRAL TEXAS DISCOVER ENGINEERING

 TEXAS WEP

In-Person Volunteer Opportunities

[Home](#) / [Session Topics](#)

FILTER BY

Zip/Postal Code

Any distance from....

Enter zip code ...

Show Results

Career Clusters

Architecture & Construction (2)

Education & Training (1)

Manufacturing (1)

Marketing (1)

Enter search keywords ...



Search

SHOWING 18 OF 29 IN-PERSON SESSION REQUESTS

Young Ladies & STEM

Ask

I would like someone to introduce STEM activities and STEM careers to high school females 25-30 students. I'm totally flexible with the dates. Whatever date fits your schedule we will plan around your schedule. Our classes are...

By Everett Early , [H GRADY SPRUCE H S](#) , [DALLAS ISD](#)

STEM activities Grade9To12

Show Interest

Details

Fairview Wildlife Crossings

Ask

We are writing a STEM lesson to be completed in the spring of 2020. Our school is in a rural-ish part of the metroplex. Each morning as the students drive down the main road to school, they see a variety of wildlife fatalities in front of the school....

Browse In-Person Volunteer Opportunities

Create New Offer

[Dashboard](#) / [Session Requests](#) / [New Offer](#)


TEXAS STEM
CONNECTIONS BY
TXGCP
BRONZE PLAN 🏆🔔

☰ Browse Virtual Volunteer Opportunities

🏛️ Browse Industry Chats

✍️ Offer a Live Industry Chat

☰ Recommended Virtual Sessions

📺 Browse Video Library

📅 Session Calendar

🏛️ Browse In-Person Volunteer Opportunities

✓ Offers are opportunities for educators posted by companies and organizations. Companies and organizations can offer materials, tours, workshops and on-the-job experiences for students and teachers to gain valuable exposure into real world application.

Describe Offer

Location & Preference

Attach Documents

Publish

Offer Type

In-school Volunteer/Mentor

Topic Title ? *Required

Title/Topic

Session Description ?

Format

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Offer In-Person Events/Services/Opportunities



Texas STEM Connections

**Connecting STEM
Professionals to every student
through in-person and real-
time, virtual connections
requested by educators**

www.TexasSTEMconnections.org



Marketing materials and
instructions toolkits for
volunteers, educators, companies

<https://utexas.box.com/v/TexasSTEMConnectionsToolkit>



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Additional Role Model Resources



www.millionwomenmentors.org



A screenshot of the FabFems website's 'Find a Role Model' page. The page has a white background with a purple header. The main heading is 'Find a Role Model'. Below it, a paragraph instructs users to enter search criteria on the right. On the right side, there is a 'Filter Results' section with dropdown menus for Keyword, City (set to 'houston'), State (set to 'Texas'), Interest (set to '- Any -'), Ethnicity (set to '- Any -'), Student Age Range (set to '- Any -'), Field of Work (set to '- Any -'), and Type of Visit (set to '- Any -'). The main content area displays two role model profiles. The first profile is for Regina Bailey, a woman in a white lab coat, with details: Houston, Texas; Contact; Field of Work: Health and Medicine; Ethnicity: Black or African American; Type of Visit: Online role model; and Resources: Identifying other role models. The second profile is for Lisa Buckner, a woman with glasses, with details: Houston, Texas; Contact; Field of Work: Petroleum and Fossil...; Ethnicity: White; Type of Visit: Field trip...; and Resources: Career exploration activities, Fun demonstrations or materials, Hands-on activities for students, Identifying other role models.

Key Elements of a Role Model Interaction

- Be clear on the goal
- Make it personal
- Use kid-friendly language
- Share academic and/or career path
- Share challenges and triumphs
- Show how engineers & scientists can change the world



www.txgcp.org/stem-role-models-resources



Texas STEM Connections

is brought to you by...

- **Central Texas Discover Engineering -**
engineerintheclass.org
- **Texas Girls Collaborative Project and Million Women Mentors – Texas –**
txgcp.org
- **Women in Engineering Program at The University of Texas at Austin –**
enr.utexas.edu/wep



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