

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 vertical stripe.

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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 their Nepris login on Texas STEM Connections to gain access to free in-person requests. Virtual sessions are fee-based.



Texas Girls
Collaborative Project



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? *

☐ By clicking below, I agree that I am 13 years of old or older and agree to the [Terms of Service](#) and [Privacy Policy](#).

[Sign Up](#)

START HERE

[How does this work?](#)



Search for experts by name, location, or skill set (e.g., Animation, Graphic Design, etc.)



TEXAS STEM
CONNECTIONS BY
TXGCP

BRONZE PLAN 🏆
IMPACT SCORE : 287

[EDIT PROFILE](#)



UPCOMING INDUSTRY CHATS



BROWSE VIDEO LIBRARY

Browse Virtual Industry Chats

Browse Virtual Request Templates

Create Virtual Session Request

Browse Video Library

Session Calendar

Browse In-Person Offers

Create In-Person Session Request

Browse Ask Templates

My Virtual Sessions

My In-Person Sessions

My Favorite Templates

My Bookmarks

My Playlist

Recommended for you:

What does an illustrator do?

First grade library students are interested in knowing about a day in the life of an illustrator. Students are interested in knowing about a day in the life of an illustrator. Students are interested in knowing about a day in the life of an illustrator.

Grade 1

1st Grade Reading/English Language Arts



Violet Tobacco

Illustrator

Illustrator, Storyteller, Cat Enthusiast

JOB TITLE

Request Category ?

In-school Volunteer/Mentor

In-school Volunteer/Mentor

Out-of-School Volunteer/Mentor

Field Trip/Company Visit

Job Shadowing/Externship

Internship

STEM Camps/Workshops

**Create In-Person Session Request
or
Browse In-Person Offers**

Describe Request

Location & Preferences

Attach Documents

Publish

What kind of session do you want? ?

In-school Volunteer/Mentor

What is the title of your session? ? *Required

Title ***Clear & Descriptive***

What is the subject of the class or program? ? *Required

What grade level(s) will be participating in this session or activity? ? *Required

Ex Grade 1

What is your class studying? What have they been doing with this topic? ?

Format ▾

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Request Category ?

In-school Volunteer/Mentor

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Out-of-School Volunteer/Mentor

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Job Shadowing/Externship

Internship

STEM Camps/Workshops

NOTE: Adjust to fit your request. Use open-ended fields to better describe your volunteer needs.

Draft

Requested

Assigned

Confirmed

Completed

Click [here](#) to review and invite volunteers from the recommended list below. You could also search for more volunteers. If you want to edit this request click [here](#)

Event Date

10/28/2016 12:00 PM Central Time
[Change](#)

Express interest in your session

Event Date: 10/28/2016 12:00 PM Central Time [Change](#)

Company Name:

Deny

Approve

From: nepris@nepris.com
 Date: October 28, 2016 at 1:34:12 PM CDT
 To: nepris@nepris.com
 Cc: nepris@nepris.com
 Subject: [Texas STEM Connections] Someone expressed interest in your request!
 Reply-To: nepris@nepris.com

Dear ,

has expressed interest for the following request:

Title:

Please sign in and view your request page. You will be able to review all the interests your have received so far and take action.

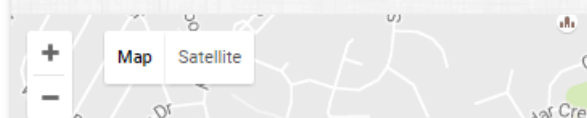
Thank you!



Event Location

Austin ,TX ,78750

Approximate location shown on map below



From: nepris@nepris.com
Date: October 28, 2016 at 1:50:54 PM CDT
To: nepris@nepris.com
Cc: nepris@nepris.com
Subject: [Texas STEM Connections] Your request has been confirmed
Reply-To: nepris@nepris.com

Dear Tricia,

We are pleased to let you know that your request "1, 2" is now confirmed .

Event summary:

Title: [1, 2](#)

Provider(s):

Name	Email
1, 2	1, 2

You can always drop us a note if you need any support: STEM@txgcp.org

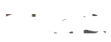
Thank you,
Texas STEM Connections

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

My In-Person Session Requests

[Dashboard](#) / [My In-Person Requests](#)




Bronze Plan

[Draft](#)[Planning](#)[Confirmed](#)[Completed](#)[Expired](#)

 These are your confirmed in-person visits. Click on details to see more information about each of these events

Showing 1 of 1 sessions

[Ask](#)

By   

 Test

[Delete](#)[Edit](#)[Mark as Completed](#)[Details](#)



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Professionals to every student
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Texas STEM Connections

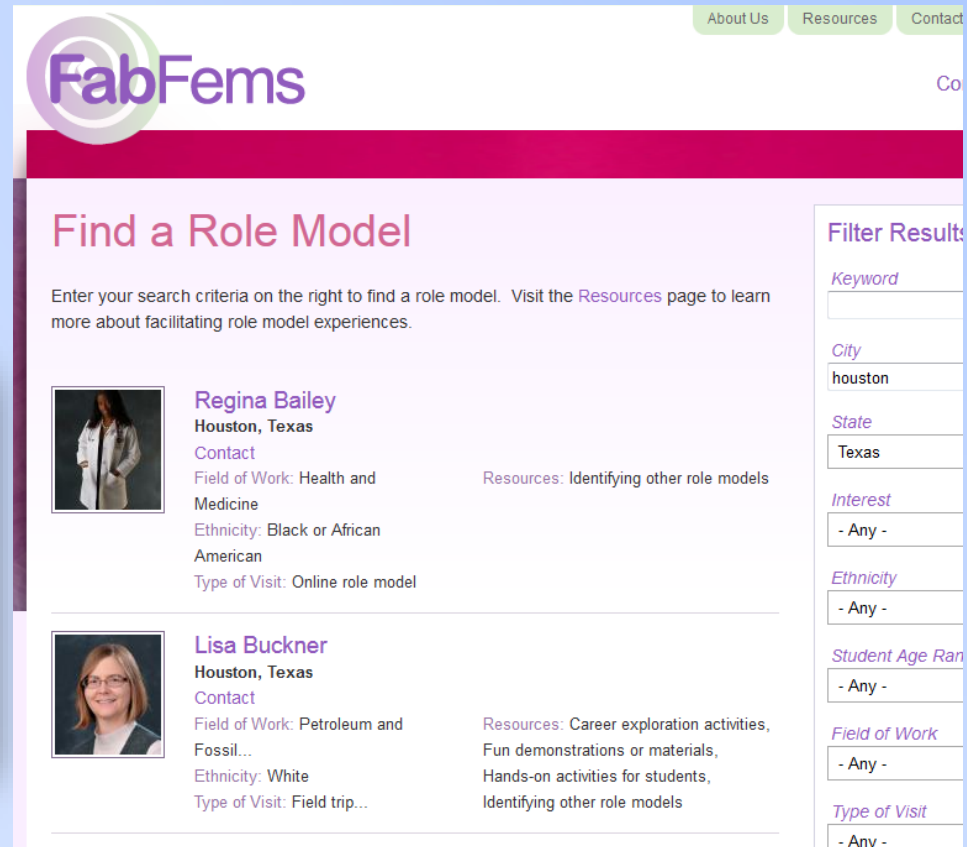
Marketing materials and
instructions toolkits for
volunteers, educators, companies

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

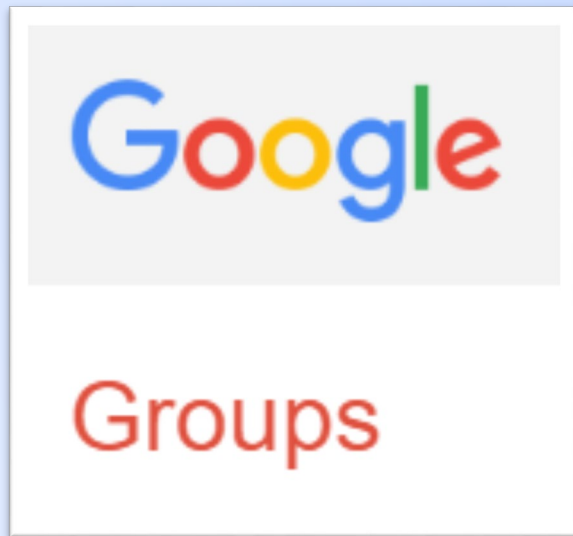
Finding & Being Role Models



www.millionwomenmentors.org



Regional STEM Google Groups across Texas



- Informational Webinars to Show How to Use Texas STEM Connecti...
- Robotics and Programming Grant (1)**
- FW: National Flight Academy Scholarships - Apply by July 10, 2019...
- FW: FIRST in Texas Education & Outreach EdTechquity™ Summer...
- Grants, PD , Resources for PreK-12 Teachers thanks to American ...
- Add Your Upcoming STEM Family & Student Events to The Conne...
- FW: Chief Science Officers NSF Scale Grant seeking STEM Learni...
- FW: STEM Education Award \$1,000-5,000 by June 28th (1)

tinyurl.com/STEMGoogleGroups



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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