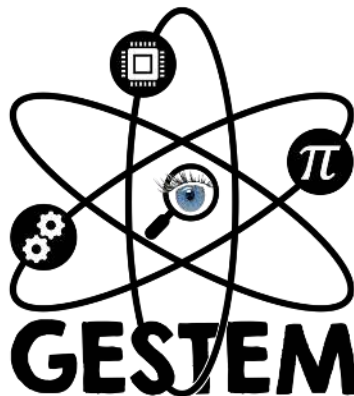


# 2024 Call for Presentations



Girls Exploring Science Technology Engineering Math

Hosted by



Encourage female middle school students to study science, technology, math and engineering by being a presenter for the “**Girls Exploring STEM**” Event!

**Thursday, May 16<sup>th</sup>, 2024 9:00 am – 3:30 pm**

University of Colorado Auraria Campus in Denver

Applications are due Friday, March 15<sup>th</sup>, 2024

[2024 GESTEM Presenter Application](#)

## THE ISSUE

Girls of today are presented with gender biases and stereotypes that sometimes steer them away from careers or interest in the fields of STEM. We are working to change that reality. In past years, up to 1200 7<sup>th</sup> grade girls attended from 40+ area schools. Join this wonderful event to help inspire local students to consider STEM careers!

## WHAT YOU CAN DO

Participate in GESTEM by preparing an interactive 50-minute workshop for 7<sup>th</sup> grade female students. You will present your workshop in three different sessions throughout the day for groups of 24-56 students (group size limits can be specified in application).

## WORKSHOP OBJECTIVES

- Introduce female middle school students to real world aspects of science, engineering, technology and math, and the many diverse fields available.
- Provide an ***interactive, hands-on*** workshop relevant and appropriate for 7<sup>th</sup> grade girls.
- Highlight the importance of taking math, science and computer classes in middle and high school, and share your experiences in school and in your field.

## SUBMITTAL REQUIREMENTS

This document provides general information about the event. **To apply, please complete the [2024 GESTEM Presenter Application](#).** If you have issues accessing the google form or have other questions, please contact us at [gestem.presenters@gmail.com](mailto:gestem.presenters@gmail.com). Your application is due by **Friday, March 15<sup>th</sup>, 2024**.

## VOLUNTEER TRAINING REQUIREMENTS

Due to national SWE guidelines all volunteers will be required to complete SWE Youth Protection Training. SWE paid membership is not required to access the online training, but a SWE account will have to be created. More information will be sent out on this training following workshop acceptance, however, link is included below if you would like to complete the training proactively. All volunteers will be required to complete the training by the day of the event.

### [SWE Youth Protection - Society of Women Engineers](#)

## TENTATIVE PROGRAM SCHEDULE

- 9:00 am – 10:00 am Registration for Presenters
- 10:00 am – 11:00 am Workshop Setup
- 11:00 am – 11:50 am Workshop #1
- 12:00 pm – 12:30 pm Lunch
- 12:30 pm – 1:20 pm Workshop #2
- 1:30 pm – 2:20 pm Workshop #3
- 2:20 pm – 2:30 pm Workshop Clean-Up
- 2:30 pm – 3:30 pm Volunteer Wrap-Up/Group Photos

## RECOMMENDED GUIDELINES FOR WORKSHOP ORGANIZATION

50 Minute Workshop
2 - 5 min. – Speaker Introduction (Include your early experiences that led to your education and career, your current job responsibilities and a brief discussion on how science, engineering and/or technology play a part in your job.)
35 min. – Interactive Hands-On Activity (This is the heart of the workshop and the part that will be most remembered. Make it fun! See the attached information about “Preparing a Workshop for a Room of Middle School Girls”)
5 -10 min. – Wrap Up/ Questions/Survey (Discuss real world application of your job and the importance of taking math, science, and computer classes in school. Be sure to leave time to field questions.)

*\*10 minutes between workshops allows for clean up and set up for the next workshop. If additional resources are required for clean up/set-up, please include that in your application under “Additional Comments”.*

[GESTEM Workshop Tips can be found here.](#)

## WORKSHOP MATERIALS

GESTEM is free for attendees, therefore GESTEM does not have a budget for workshop materials. Please do not decline based on this criteria, if you have special needs, please contact us at [gestem.presenters@gmail.com](mailto:gestem.presenters@gmail.com) to discuss arrangements. Please allow plenty of time to transport your materials to your room. Limited storage is available the evening before the event. **Please plan to have materials for three groups of student rotations (minimum 24 students per rotation - 72 total). If you respond that you can support larger groups in the application, the presentation committee will follow up with confirmation of your group sizes.**

## AUDIO/VISUAL REQUIREMENTS

GESTEM is run entirely on volunteer time and donations, and rental equipment is very expensive. Please tailor your workshop such that you can provide any equipment (laptops, projectors, etc) required. **Plan to bring any necessary cables or converters for audio/visual - HDMI cables are not provided in the classrooms.** Please keep in mind that these workshops should be hands-on in as many ways as possible! Consider worksheets, handouts or interactive components to workshop presentation format in place of a powerpoint, etc.

## **EVENT LOCATION**

The **University of Colorado Auraria Campus** is located near the intersection of Auraria Parkway and Speer Boulevard in downtown Denver. Maps and additional details on parking, presenter check-in, and workshop locations will be provided closer to the event.

## **PUBLICITY**

We will list your workshop description (50 words or less) and company name in pre-registration materials and on our website.

## **WHAT TO WEAR**

The dress code for this event is business casual. You may wear a shirt that has your employer's name/logo, or an engineering society or organization's logo.

## **QUESTIONS**

For workshop questions or ideas, please contact [gestem.presenters@gmail.com](mailto:gestem.presenters@gmail.com). The last page of this document also gives examples of previous successful workshops. Any correspondence for this event not related to workshops may be directed via e-mail to [swe.gestem@gmail.com](mailto:swe.gestem@gmail.com). General information on GESTEM including other participation opportunities (fundraising, guides, etc) can be found on our website: <https://swe-rms.swe.org/gestem/>