

STEM SCHOLARS

Mentor Application Packet



General Information

Each school that participates in the STEM Scholars program will be matched with 1-2 STEM mentors. The primary role of all mentors is to visit schools to facilitate seminars, science-related activities, and resource workshops based on the pre-established curriculum. Please note: the method of mentoring and/or platform use is subject to change given unprecedented circumstances.

What are STEM Mentors?

STEM Mentors will engage in educational lectures, hands-on activities, and group projects and activities that engage mentees in a variety of STEM topics. Through either weekly or biweekly group mentoring sessions and additional STEM enrichment activities, students are exposed to inspiring scientists and students, who represent a variety of careers and education pathways. The overall goal of the STEM Mentor is to positively impact the social and academic development and achievement of high school youth.

Reasons to be a S.T.E.M. Scholars Mentor

- Available opportunities to provide pre-professional mentorship as well as medical/science-related resources and programs to high school students.
- Create networking connections with mentees, fellow mentors, and professionals.
- Gain leadership skills that will translate effectively as you advance in your career.
- An opportunity to actively give back to others.
- A letter of recommendation from the Director and/or Associate Director after service of one full academic semester (or 50 hours of service).
- **Working with STEM Scholars may lead to other opportunities within the organization.

Qualifications

- Undergraduate or graduate student with a major/minor in a S.T.E.M. (ex. Biology, Chemistry, etc.) or S.T.E.M.-related subject (ex. Psychology, Science Education, etc.).
- A minimum completion of 2 semesters of college-level biology and 2 semesters of college-level chemistry with a course grade of B+ or higher.
- Either previous leadership experience or a willingness to learn.

Mentor Requirements

- A commitment to work 4-5 hours per week for the entire semester. This time commitment includes preparation and facilitation of your lesson on day of class as well as any weekly meetings that you may be required to attend.
- If in school, maintenance of a cumulative GPA of 3.0. (*GPA will be checked at the end of the semester*).
- Full understanding that being a STEM Mentor is a VOLUNTEER position. It is NOT paid.
- 1-2 Recommendation Letters submitted via online form. Recommendations should be from someone who knows you academically/professionally.
- Completion of STEM Mentor application with submission of all supplementary documents.
- Completion of the audio and visual consent forms.
- Completion of STEM Mentor activity form.



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- Completion of the volunteer non-disclosure-agreement form.

Mentor Expectations

- Attend **all** mandatory meetings and pedagogical workshops (Excluding days when you have emergencies and/or exams).
- Notify the Director of Communications and your mentor partner a week in advance in the event that you are unable to attend a session. If no substitute is available, the session is to be canceled and rescheduled for a later date.
- Thoroughly prepare for all sessions prior to facilitation.

Required Mentor Qualities

- a. Willingness to effectively lead/give directions.
- b. Sense of personal accountability and professionalism (timeliness, respond to emails quickly, respectfulness, etc.).
- c. Successful academic and pre-professional career.

**** STEM Scholars reserves the right to remove and/or replace students' mentors who do not successfully meet the above criteria. ****



MENTOR APPLICATION FORM

**** The information provided below will be added to the program website upon acceptance ****

Full Name: _____

Personal Email Address: _____

Personal Phone Number: _____

Preferred Means of Communication (email or phone): _____

Class Standing (Ex. Freshman, Grad Student): _____

If, graduate student, what are you currently pursuing: _____

Undergraduate College/University: _____

Major(s): _____

Minor(s): _____

Cumulative GPA: _____

Briefly list all relevant extracurricular activities and professional experiences:

Include a brief paragraph on your scientific interests, involvement, accomplishments and aspirations. We welcome students at all levels of their scientific careers so no pressure here. Help us to get to know YOU better.



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Recommendation Request (1 Required)

Recommender's Full Name: _____

Recommender's Email Address: _____

Undergraduate College/University: _____

Recommender's Full Name: _____

Recommender's Email Address: _____

Undergraduate College/University: _____

Questions or Comments

Daniel J. Yakubov, Director | DYakubovSTEM@gmail.com

Cynthia Kim, Interim Associate Director | CKimSTEM@gmail.com

Application Submission

- Email STEMScholarsMentorship@gmail.com
- **Subject:** [Your Full Name] - STEM Mentor Applicant
- Include*:
 - Resume/CV
 - Transcript (Unofficial)
 - Completed Application
 - Submitted Forms
 - Submitted Recommendation Letter (submitted via online form before sending-in all materials)
- Expect an interview 1-2 weeks after application has been submitted. All interviews will be conducted via ZOOM.

By signing and submitting this application, you are agreeing to all the terms above.

Full Name: _____

Signature: _____

Date: _____