



[The Minnesota Academy of Science](#) is currently recruiting volunteers like yourself to create content for our **FORSE** program (**F**ostering **O**pportunities & **R**elationships in **S**cience **E**ducation). This program works with student populations traditionally underrepresented in STEM and strives to find pathways for them to acquire experience in STEM through. This content will be used to support and enrich students' online STEM curriculum by providing exposure to STEM fields, professionals, activities and/or practices. We are working with many public/charter schools and nonprofits that serve student populations that are predominantly BIPOC (Black Indigenous, People of Color) and have over 80% of students that qualify for the free and reduced lunch program. If you would like to help, please review the details below:

❖ **Types of content you can provide are** - *Content can be for any grade level(s) from pre-k to 12th grade.*

➤ A tour of your workplace/laboratory/research trip and highlights of your job ➤ A video that walks students through a STEM lesson, practice, or activity ➤ STEM worksheets, paper activity sheets/booklets, experiment descriptions, etc. ❖ **Video**

Guidance -

- Videos can be anywhere from 8 min to 1 hour long (you can also do several short videos that focus on different topics/activities)
- There can be other people in the video assisting you and it can take place in any environments.
- You can also provide us with any instructional documents, worksheets, links that may help the students participate in what you are doing.

❖ **Examples**

- A food chemist is doing a video where she will introduce herself, what someone like her does, and why she thinks food chemistry is interesting. Then, another scientist will join her in conducting a short food experiment that the students viewing the video can do at home. Then she will discuss the principle behind the experiment and what the conclusion is. She is providing a pdf containing the materials list and the steps of the experiment to be posted with her video.
- An Ecologist who studies special deep sea ecosystems where chemicals are released from the seafloor filmed a summary of a research trip to go out to sea to collect samples, and I work closely with scientists from other fields such as geology and chemistry. This video is an introduction to this kind of interdisciplinary research. She provided a [VIDEO](#) and an [EXERCISE](#) to go along with her video. She also provided a [BIO VIDEO](#) to talk about her path in STEM.

❖ **How to submit your content** - Submission will be accepted via google form which you can access [HERE](#) or email evangeline.holley@mnmas.org