



**UBC Geering Up**  
Engineering Outreach

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## STEM Leadership Program | Leader-in-Training (LIT) Role Description

### Description of Organization

UBC Geering Up Engineering Outreach is a non-profit, student-run organization, dedicated to promoting science, engineering, and technology to the children and youth of British Columbia through fun, innovative, and hands-on experiments and projects. Geering Up also strives to reach all children and youth, regardless of gender, ethnicity, culture, or socio-economic status. More information about Geering Up is available [here](#).

### Description of Program

The UBC Geering Up STEM Leadership Program (STEM-LP) is a year-long initiative focused on the professional development and training of high school students for the purposes of establishing strong values indicative of a STEM Ambassador. The summer component of the program will focus on a Social Development Project (SDP) in addition to volunteer work with Geering Up. This time will provide the Leaders-in-Training with the tools they need to be successful STEM Leaders in the future.

Upon successful completion of the Leader-in-Training Program, the LITs are invited, and encouraged, to remain with the program during the fall as “STEM Ambassadors” throughout their communities. They will become part of the STEM Ambassador Council, which will act as a bridge between Geering Up, UBC APSC, and high schools in BC to share ideas and improve outreach initiatives.

Selected Leaders-in-Training will come from a wide variety of backgrounds, cultures, perspectives, and upbringings. UBC Geering Up encourages any student interested in growing their leadership skills, regardless of their levels of experience, to apply for the program.

## Role Summary

Our Leaders-in-Training support our Instructors in leading two one-week-long daily STEM camps with up to 25 youth over the summer. Camps will be held in person at UBC Vancouver or an Offsite (South Surrey, North Delta, Richmond, or North Vancouver). We encourage students who will be entering Grade 10 or above in the fall of 2021 to apply, however preference will be given to students entering Grade 11 or above in the fall of 2021. University students will not be considered for this position.

Leaders-in-Training (LIT) are expected to be in attendance for roughly 15 technical skill workshops before the commencement of the summer season. These **virtual meetings** will be bi-weekly on Thursdays or Fridays.

LITs must volunteer for two of the nine summer camp weeks to successfully complete the program. In weeks where a LIT is not in a camp, they must still be available for the Wednesday weekly meetings from 2:30 pm - 4:30 pm. Shifts will run from 8:30 am - 4:00 pm.

LITs will also participate in the creation of an end-of-summer Social Development Project (SDP) as a cohort. Details will be provided during the course of the training program, however, this project will require some work outside of regular shift times.

Under the guidance of the Instructors, Leaders-in-Training are required to:

1. Act as a role model in camps
2. Support instructors and engage with participants during volunteering hours
3. Follow safety and risk management policies and ensure every participant is safe and having fun
4. Participate in valuable workshops to prepare them for post-secondary education and entering the workforce
5. Provide a resume on their application

## Qualifications

1. Entering Grade 10, 11, or 12 in the fall of 2023 (with preference to those entering Grade 11/12)
2. Access to technology for technical training sessions (i.e. webcam, microphone, reliable internet connection)
3. Excellent communication and interpersonal skills
4. Proven teamwork abilities and strong leadership skills
5. A passion for social justice, equity, diversity, and inclusion
6. Experience working with children in a teaching environment is an asset
7. All LITs must have a Criminal Record Check on file before they may work with children

## Supervision

LITs will be supervised by Geering Up Instructors during volunteering hours. LITs will maintain communication with the Volunteer Student Assistants regarding training, scheduling, reference letters, and other camp-related questions.

Geering Up strives to break down barriers in STEM that may prevent youth from participating based on their race, gender identity, ability, socio-economic status, and sexual orientation. If you are interested in joining this program but the requirements pose a barrier for you, please reach out to [volunteers.geeringup@ubc.ca](mailto:volunteers.geeringup@ubc.ca) to discuss accommodations that can be made to facilitate your involvement in the program.