



Elevate: A Day for Inclusion in Science

What is *Elevate*?

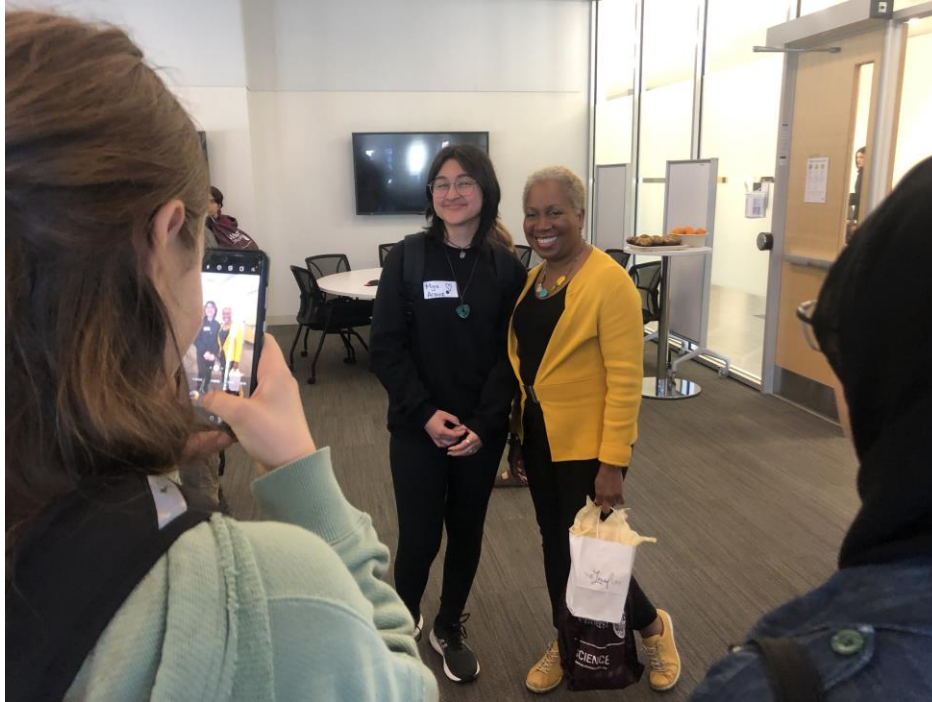


Elevate is an annual, day-long outreach program at McMaster University designed for grade 10 students, specifically targeting underrepresented groups in STEM from the Hamilton area.

You can't be what you can't see

Our goal is to inspire students from diverse backgrounds to pursue their goals in STEM and show them all the possibilities this path can bring, all within one inclusive environment. We do this through:

- Meaningful & inspiring keynote lectures from prominent McMaster researchers in the Faculty of Science
- Interactive, hands-on science activities spanning a wide variety of disciplines.
- Workshops on barriers in science
- 'Ask an Undergrad' panel to give students a realistic glimpse into life as a Science student.
- An opportunity to meet with real scientists at McMaster



1 - Previous Keynote Speaker, Dr. Juliet Daniel, shared her journey through academia and life, as well as how she takes a unique approach to studying breast cancer. With a maximum of 100 students attending, attendees get one-on-one opportunities to speak with amazing researchers like Dr. Daniel and seek mentorship and career advice from those who have travelled the pipeline.

Other prominent keynotes in the past were given by Maureen MacDonald, Kalaichelvi Saravanamuttu, Rob Cockcroft, and more.

Our target audience are students who identify with traditionally equity-seeking groups in STEM (e.g. Black, Indigenous, racialized, 2SLGBTQI+, those with disabilities, women).

We accept a maximum of 100 students, with a preference to students from the Hamilton Wentworth District Schoolboard, especially schools from central & downtown Hamilton. We welcome students from both academic and applied science streams to learn about all applications of science.

This year, Elevate will take place on May 24th, 2024. This is a full-day event, run 100% by graduate student volunteers from the Department of Physics & Astronomy at McMaster University. Previous exit surveys have indicated the majority of students that attended felt encouraged to continue pursuing STEM subjects both in high school and in university or college down the line. Elevate inspires and encourages students to follow their dream career paths, showing them it is possible to make a career out of any field in STEM.

Some previous activities include...



2 - Greenhouse Tour!



3 - Bubble Physics!



4 – Observing the Sun!



5 - A folding microscope you can fit in your pocket!



6 - Previous attendees exploring the Live Lab!



7 -Learning about eclipses!

Register now!



Elevate registration is open now! Spots are limited, so act quickly.

All students receive a light breakfast, a lunch and a swag bag for attending the event.

If you have any questions, please feel free to reach out to pipa@mcmaster.ca and we will get back to you as soon as possible. Registration is available [here](#), or you can go to our website <https://physics.mcmaster.ca/pipa/events/elevate/>.

We look forward to welcoming your student(s) to Elevate 2024!



Thank you for considering our event!