Engaging Minnesotans in STEM

We are a statewide nonprofit organization founded in 1873 dedicated to providing opportunities for Minnesotans of all backgrounds to engage in STEM-related learning, inquiry, research, and networking.

2021-2022 Programs

MN State Science & Engineering Fair

Late March or early April
- 500 middle school and high school students advance from regional fairs (open to all) to our statewide showcase of projects
- Participants receive feedback from STEM experts and compete for awards valued at over $20,000, including qualification for international competition at Regeneron ISEF
- Workshops, project showcases, lectures, and networking opportunities for students

Minnesota Regional Science Bowls

January and February
- 25 middle school and 40 high school teams of 4-5 students compete
- Teams answer STEM questions during competition rounds with top scoring team advancing
- One middle school team & one high school team named Regional Champions and advance to the National Science Bowl
- Networking opportunities with Minnesota STEM professionals

FORSE Mentoring & Enrichment

Ongoing throughout summer and school year
- Innovative program providing paths for underrepresented students to engage in STEM
- STEM mentors paired with students
- STEM enrichment for Title I partner schools

Junior Science & Humanities Symposium

Late March or early April
- High school students from Minnesota, South Dakota and North Dakota present research projects and receive feedback from STEM professionals
- Students compete for cash awards and the chance to advance to the national JSHS

Winchell Undergraduate Research Symposium

April
- Forum for undergraduate students to showcase their original scientific research
- Participants receive comments and network with professional scientists
- All undergraduate students in Minnesota and nearby states are welcome to attend
The Minnesota Academy of Science serves preschool-12 and undergraduate students, educators, and schools as well as STEM graduates and professionals seeking to network and volunteer. We are finding new ways to build community, connections and opportunities among those we serve during the 2021-2022 school year.

How can we help you?

How can you help us?

Free STEM Resources

- Science Bowl rules, videos & team resources
- STEM enrichment lessons & activities for educators in diverse settings
- Resource collections: Diversity in STEM, Citizen Science, STEM from Home & more
- Materials to get started with Science Fair & complete projects independently
- Model student science project videos

Volunteers needed

- STEM educators, professionals, and graduate students to serve as FORSE mentors
- High school students with science fair experience to mentor younger students
- STEM professionals & graduates to judge projects & moderate competitions
- STEM educators to share online activities, lessons & resources
- STEM professionals from diverse backgrounds to discuss their career paths