



North Dakota Space Grant Consortium

STEM Ambassador Application Guidance

All sophomores, juniors, seniors, and graduate students applying for the [NDSGC STEM Ambassador program](#) will submit their application through the NDSGC's online application portal, *Submittable* and the University of North Dakota applications link:

- UND Students ONLY link: [STEM Ambassador UND Students](#)
- Application link for non-UND students: Non-UND Students (Affiliate campuses). [PT STEM Ambassador - UND Students](#)

The NDSGC review team will use the following criteria to assess applications. Please review this information prior to submission, and share these details with your college or university instructor, supervisor, or faculty recommender. Applicants who meet all application requirements will also be invited to a 15-30 minute interview to complete the application process. All students must be U.S. Citizens and be in Good Academic Standings (a minimum 2.0 GPA, and be enrolled at an [NDSGC affiliated institution](#). All majors are welcome to apply!

1. Unofficial Transcript

- a. Students must be in Good Academic Standing (minimum 2.0 GPA) to be considered for NDSGC funding

2. Resume

- a. *2 Pages maximum - Any resume beyond 2 pages will not be evaluated.*
- b. Work Experience
- c. Leadership Positions
- d. Academic Performance
- e. Extracurricular Activities
- f. Leadership Roles
- g. Professional Presentation of Resume

3. Letter of Recommendation (LOR)- **NEW STEM Ambassador Applicants ONLY**

- a. *To upload an LOR to your Submittable application, Submittable will email an upload link to the faculty member (student will not see the LOR).*

4. Evaluation Criteria:



- a. Academic and Technical Capabilities
- b. Student Character
- c. Recommender's Position/Relationship to Student

Job Summary:

The NDSGC STEM Ambassador is responsible for inspiring and engaging students, educators, and the community in the fields of science, technology, engineering, and mathematics (STEM). As a representative of the North Dakota Space Grant, the STEM Ambassador will promote STEM education, organize outreach activities, and serve as a mentor to foster interest and awareness in STEM subjects. This role requires enthusiasm, communication skills, and a passion for helping others discover the possibilities within STEM careers.

Key Responsibilities

1. STEM Outreach and Education:

- Act as a positive role model and advocate for STEM subjects, encouraging students to explore STEM fields through school visits, workshops, and interactive learning experiences.
- Develop and deliver engaging STEM presentations, activities, and hands-on demonstrations to various audiences, making STEM topics accessible and fun.
- Coordinate STEM outreach events such as school visits, hands-on workshops, career days, and STEM career fairs and local community events.
- Create and share STEM-related content (e.g., videos, blog posts, social media updates) to inspire and engage a broader audience.
- Use social media platforms to engage students, parents, educators, and the public in discussions about STEM topics and careers.

2. Administrative Support:



- Assist with event logistics, scheduling, and coordination for STEM outreach activities.
- Maintain accurate records of outreach events, attendance, and participant feedback.
- Report regularly to the North Dakota Space Grant leadership on outreach outcomes, key insights, and areas for improvement.
- Collaborate with the NDSGC team to develop promotional materials for STEM events, outreach programs, and initiatives.

Qualifications

1. Education:

- a. Must be a college sophomore, junior, senior or graduate student actively enrolled in classes for the **Fall 2026** and **Spring 2027** academic terms. All majors are welcome to apply!

2. Commitment:

- a. Ability to work a **minimum of 10 hours per pay period (2-weeks)** or commit to **3 outreach events per month** (whichever is preferable for the student's schedule).

3. Availability:

- a. Flexible and willing to participate in outreach events or activities during weekdays, evenings, or weekends as required.

4. Student Status:

- a. Must be currently registered and in **Good Academic Standings** with a North Dakota affiliate college/university for both **Fall 2026** and **Spring 2027** semesters.

5. Skills & Qualities:

- a. Strong communication skills and the ability to engage with diverse groups (students, faculty, and community members).
- b. Motivated, reliable, and responsible, with a strong sense of initiative and dedication to the role.



- c. Ability to work both independently and as part of a team, with a positive attitude towards collaboration and outreach.

6. Preferred Experience (Optional):

- a. Prior experience in community outreach, event planning, or volunteer work is a plus, but not required.
- b. Interest in STEM, education, or community engagement.

Essay Prompts

Students will enter responses to these prompts in the online Submittable form.

1. *Describe your academic and career goals, and how this program will help you to achieve these goals.*
2. *Tell us about a time you worked closely with a team to achieve a shared goal. What was your role, and what did you contribute?*
3. *What does STEM outreach mean to you, and why is it important?*
4. *How do you ensure effective communication when working as part of a team in an outreach event?*
5. *Describe a time you had to represent a program or organization to an external group. What communication choices did you make?*
6. *What do you do to contribute to a positive, inclusive team atmosphere?*
7. *In what specific way(s) do you want your work in the STEM community to make life better for others?*
8. *How do you describe your leadership style? Share an example of a time when you were using your leadership style in a project.*
9. *You are leading a STEM activity with middle school students, and several students lose interest or become disengaged. How would you respond?*
10. *Why should you be selected as a STEM Ambassador?*