



STEM GRANTS OPPORTUNITY!

STEP 1



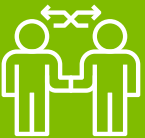
Learn more about STEM activities via YouTube video

STEP 2



Identify a STEM company in your community sdbio.org/members

STEP 3



Develop an activity with STEM company

STEP 4



Apply for grant

South Dakota Biotech/SD EPSCoR Funded K-12 STEM OUTREACH GRANTS

The primary purpose of this grant is to enhance the quality of Science, Technology, Engineering, and Mathematics (STEM) education within South Dakota K-12 schools. We recognize that the future demands a skilled workforce proficient in STEM fields, capable of tackling complex global issues, driving innovation, and sustaining economic growth. The application must demonstrate how the proposed program or activity will support the long-term goals of strengthening the state's higher education system and developing a more diverse technological workforce.

ELIGIBILITY:

Eligible applicants include, but are not limited to, educators at a public, private, or tribal K-12 school in South Dakota, university faculty, and non-profit organizations interested in increasing their K-12 STEM outreach efforts.

OPTIONS FOR FUNDING:

Use the grant award to connect K-12 students with industry. Examples:

- (a) identify a local SD Biotech member company (or other STEM-related companies) and invite them to visit the classroom and share information on what they do,
- (b) conduct a STEM related activity that relates to a SD Biotech member or other STEM company and tie it back to a career option, (c) tour a local facility. Other outreach efforts such as STEM scholarships, purchasing science kits, classroom visits, summer camps, etc.



The grants can be up to \$1,000 per award and we intend to fund approximately 10 applications.

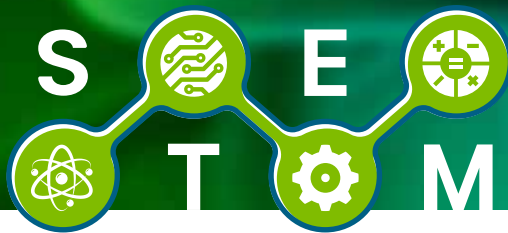
FOR MORE INFORMATION VISIT www.sdbio.org/stem-grants

DEADLINES:

Grant Application Due Date: **September 15, 2024**

Awardees Notified: **September 30, 2024**





GRANTS FAQ'S

2024 SD EPSCoR/SD Biotech K-12 STEM Outreach Application FAQ

1. What is the purpose of this grant?

The grant aims to enhance STEM (Science, Technology, Engineering, and Mathematics) education within South Dakota K-12 schools. By providing up to \$1,000 per award, the program supports initiatives that strengthen the state's science education system and connect students with STEM career opportunities, particularly those linked to South Dakota STEM companies.

2. Who can apply for this grant?

Eligible applicants include:

- Educators at public, private, or tribal K-12 schools in South Dakota.
- University faculty.
- Non-profit organizations.
- Homeschool Cooperatives.

3. How much funding is available?

Grants of up to \$1,000 are available, with approximately 10 applications expected to be funded.

4. What are the two phases of the funding process?

Phase 1: Learn about South Dakota STEM companies and attend an informational workshop. You can participate in the NSF SD EPSCoR Research Symposium or other learning methods such as online resources or the SD EPSCoR Grant Opportunity Webinar.

Phase 2: Use the grant to connect K-12 students with STEM careers. This could include conducting STEM-related activities tied to SD Biotech members, organizing facility tours, hosting career events, or other outreach efforts like providing scholarships or purchasing educational materials.

5. What types of activities can be funded?

- STEM-related activities linked to SD Biotech members or other STEM organizations.
- Facility tours or events that connect students with STEM careers.
- Outreach efforts such as STEM scholarships or educational materials.
- There are no restrictions on the type of materials you can purchase with grant funds. You can buy hardware (e.g., detectors), consumables, field trip costs, etc.

6. When will the funds be available?

Funds can be made available right away. Grant recipients will be presented with a giant "check" at the Biotech Summit in October and will have a year from the award date to spend the funds.

7. What is the deadline to apply for this grant?

The application is due by September 15, 2024.

8. When will applicants be notified of award decisions?

Awardees will be notified by September 30, 2024.

9. How do I apply for the grant?

Submit your application through the provided Google Form link.

10. Can I apply if I missed the live webinar?

Yes, the webinar will be recorded and available for those who cannot attend live. You can view the recording to fulfill Phase 1 requirements.

11. Is there any specific format or criteria for the application?

Your application should demonstrate how the proposed program or activity will enhance STEM education and connect students with STEM career opportunities in South Dakota. Be sure to include details about the proposed activity, its connection to STEM careers, and how it aligns with the goals of the grant.

12. Who can I contact if I have questions about the grant?

For additional questions or more information, please contact Kara@sdbio.org.

13. Where can I find more information about the grant?

For more details, refer to the grant application form here or visit the SD EPSCoR and South Dakota Biotech websites.