

NASA Idaho Space Grant Consortium  
Higher Education Grants  
K-12 and Informal Education Grants  
2024 Solicitations



# Overview of Opportunities

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- Open grant opportunities
  - Higher Education Grants
  - K-12 STEM Engagement and Informal Education Grants
- Proposals due to ISGC by February 16th
- Max funding per proposal \$25,000; 1:1 cost share required
- Period of performance is usually 1 year; but can be more or less
- ISGC plans to award approximately 4 to 6 proposals between both solicitations
- The ISGC is especially interested in projects that include an actionable plan to broaden participation among underrepresented, low-income, rural, first-generation, and/or female students.

# Overview of Opportunities continued

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- Higher Education Grants

- Projects contributing to NASA's missions and/or utilizing NASA content and resources. Examples include:

- Research activities
- Participation in STEM-focused competitive teams (e.g., senior design teams, aerospace challenge teams, robotics teams, etc.)
- Participation in NASA-organized activities, workshops, special courses, or other activities to increase student engagement in STEM fields.

- K-12 and Informal Education Grants

- Proposed projects should align with NASA's missions or activities and/or utilize NASA content and resources. Examples include:

- Competitions
- Camps
- Mentoring, outreach, or other projects

# Higher Education Grants

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Interested in: projects contributing to NASA's missions and/or utilizing NASA content and resources, and activities to increase student engagement in STEM fields.

Activities can include research activities, participation in STEM-focused competitive teams (e.g., robotics teams, etc.), participation in NASA-organized activities, workshops, special courses

Proposals will be evaluated according to the following criteria:

- *Project description and merit* - 35% of evaluation score
- *Involvement of individuals typically underrepresented in STEM fields* – 25% of evaluation score
- *Alignment with NASA's activities, interests, or programs* – 20% of evaluation score
- *Proposed project timeline/metrics/deliverables* – 10% of evaluation score
- *Budget Narrative* – 5% of evaluation score
- *Budget Detail* - 5% of evaluation score

(See [Guidelines](#) for further information)

# K-12 STEM Engagement & Informal Education Grants

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Proposed projects can focus on competitions, camps, mentoring, outreach, or other projects that happen either in or out of school— as long as the

Interested in: projects that include an actionable plan to broaden participation among underrepresented, low-income, rural, first-generation and/or female students, and proposed projects aligned with the intent of the grant and benefits multiple students and/or educators. The matching requirement is 1:1.

Proposals will be evaluated according to the following criteria:

- Project description and merit - 35% of evaluation score
- Involvement of individuals typically underrepresented in STEM fields – 25% of evaluation score
- Alignment with NASA's activities, interests, or programs – 20% of evaluation score
- Proposed project timeline/metrics/deliverables – 10% of evaluation score
- Budget Narrative – 5% of evaluation score
- Budget Detail - 5% of evaluation score

(See [Guidelines](#) for further information)

# Other Higher Ed Grants: Collaboration/Travel Grants

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Collaboration and Travel Grants are available for any higher education faculty and staff in need of funding to attend STEM related events or to foster collaboration on STEM projects. To apply, fill out the proposal form with necessary attached documents. Proposers can request up to \$5,000. Cost sharing of at least 1:1 is required. If you are a higher education student seeking funding, please apply for a student travel grant.

Your proposal should include the following (in a PDF file)

- Title
- Brief abstract (250 words or less)
- Project description: Include information on the location, the approximate dates of travel, the purpose, and the benefit of the travel.
- Student involvement: Describe any student participation in this travel (if any)
- Relevance to NASA and/or ISGC: Describe how this travel relates to and/or would benefit NASA and/or the ISGC.
- Budget narrative: Include a narrative describing the details of the proposed expenses and cost share.
- A budget table for the travel should be uploaded with the proposal. MS Excel templates are available at the top of this page.

# K-12 STEM Travel Grants (i.e., Bus Grants and/or Educator PD Grants)

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K-12 Travel Grants are available for any Idaho Educator in need of funding to attend STEM related events (e.g., Idaho Tech) or STEM related activities (e.g., Science Museum Field Trip). Funds can be requested for either student activities or educator professional development.

To apply, fill out the proposal form. Proposers can request up to \$5,000. Cost sharing of at least 1:1 is requested, but not required.

- Title
- Brief abstract (250 words or less)
- Project description: Include information on the location, the approximate dates of travel, the purpose, and the benefit of the travel.
- Student involvement: Describe any student participation in this travel (if any)
- Relevance to NASA and/or ISGC: Describe how this travel relates to and/or would benefit NASA and/or the ISGC.
- Budget narrative: Include a narrative describing the details of the proposed expenses and cost share.
- You should also include a budget for the travel in MS Excel - to be uploaded with the proposal.

# Finding NASA Activities and Resources

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- **NASA Technology Taxonomy** - <https://www.nasa.gov/offices/oct/taxonomy/index.html>
- **TechPort** - <https://techport.nasa.gov/home>
- **NASA Office of STEM Engagement** - <https://www.nasa.gov/stem>
- **Mission Directorate Websites:**
  - <https://www.nasa.gov/aeroresearch> (Aeronautics Research)
  - <https://www.nasa.gov/directorates/exploration-systems-development> (Exploration Systems Development Mission Directorate)
  - <https://www.nasa.gov/directorates/space-operations-mission-directorate> (Space Operations Mission Directorate)
  - <https://www.nasa.gov/directorates/spacetech/home/index.html> (Space Technology)
  - <https://science.nasa.gov/> (Science)
- **Ask ISGC** [isgc@uidaho.edu](mailto:isgc@uidaho.edu)



# How to submit

<https://www.idahospacegrant.org/grants>

- Review solicitation guidelines posted on ISGC website
- All proposal materials must be submitted via the website
- Budget templates are available



## NASA Idaho Space Grant Consortium

Home | About | **Submit Proposals** | Student Resources | Grant Resources | NASA Resources | Connect with Us | More

### ISGC Solicitations

Please see below for details on ISGC's current open solicitations. All proposals require a budget and budget justification/narrative. Sample budget templates are below and can be used for any ISGC solicitation. Please note that University of Idaho (UI) proposers have a slightly different budget template than non-UI proposers. The Non-University Budget Template can be used for K-12/Informal Education PD and Travel Grants.

UI Budget Template

Non-UI Budget Template

Non-university Budget Template (K-12/Informal Ed)

Once you have prepared your proposal materials, please click the blue button below to open the application and submit your proposal.

If you have any questions, please email [isgc@uidaho.edu](mailto:isgc@uidaho.edu).

**SUBMIT a proposal to ISGC**

# ISGC Proposal Submission Form

## Instructions

Please use this form to submit your proposal to ISGC for consideration. In the event you are submitting multiple proposals, please submit one form for each proposal.

If you are looking for travel support for a Higher Education faculty member, please visit Idaho NASA EPSCoR and explore INE collaboration grants: <https://www.idahonasaepscor.org/submit>

If you have any questions, please email [isgc@uidaho.edu](mailto:isgc@uidaho.edu)  
Thank you!  
The ISGC Team

### Proposal Type \*

Please make sure you select the correct proposal type, as the form adapts questions to your selection. Please read the descriptions below:

- **Higher Education** - Up to \$25,000 for activities such as participation in STEM-focused competitive teams (e.g., robotics teams, etc.), participation in NASA-organized activities, workshops, special courses, or other activities to increase post-secondary student engagement in STEM fields.
- **K-12/Informal Education** - Up to \$25,000 for activities such as competitions, camps, mentoring, outreach, or other projects that happen either in or out of school, focused on K-12 age students.
- **Higher Education Student Travel Grant** - Up to \$5,000 for short-term travel expenses for undergraduate or graduate students attending an Idaho Institution to attend a conference, event, training, and other similar activity.
- **K-12/Informal Education STEM Travel Grants** - Up to \$5,000 to cover activities such as travel to competitions, camps, science centers, field trips, or educator professional development activities.
- **Unsolicited** - A grant proposal that does not fit the mold of any of the choices listed.

- Higher Education  
 K-12/Informal Education  
 Higher Education Student Travel Grant  
 K-12/Informal Education STEM Travel Grant  
 Unsolicited

Send me a copy of my responses

Submit

### Last Name \*

Last name of the Principal Investigator, Project Lead, or Applicant

### First Name \*

First name of the Principal Investigator, Project Lead, or Applicant

### Principal Investigator/Project Lead/Applicant title (if any)

If you are student, you can use your year in school and major (e.g., Junior, Mechanical Engineering, etc.)

### Co-PI Last Name

Last name of the Co-PI, Project Assistant, or Research Advisor, if any

### Co-PI First Name

Last name of the Co-PI, Project Assistant, or Research Advisor, if any

### Project Title \*

This could be the title of your proposal, event you are traveling to, or name of your team

### Institution

What institution are you from? Please select from the list below. If you are not on the list, select Other and type your institution name into the comment box that appears.

### List your institution if not listed above

### VERAS Proposal Number (UI proposers only)

What is your assigned VERAS proposal number?

### Amount requested \*

How much are you requesting from ISGC?

### Cost Share Total

How much cost share are you proposing from your institution or program? Most ISGC programs require a 1:1 cost share. For questions about cost share, please email [isgc@uidaho.edu](mailto:isgc@uidaho.edu)

### Mailing Address

### Phone Number

### Email Address

Please include any comments relevant to your submission here. Thank you!

### File Upload

For complete details on what to include in your proposal, see the solicitations on our website [www.idahospacegrant.org/grants](http://www.idahospacegrant.org/grants).

Please upload the following:

#### Higher Education, K-12/Informal Education, and Unsolicited:

- 1) Your proposal as a PDF
- 2) Your proposed budget as an MS Excel file
- 3) A brief Statement of Work summarizing your plan (in PDF)
- 4) A cost share allocation form (Required from University of Idaho proposers only) - Download the form here: <https://www.uidaho.edu/-/media/Uidaho-Responsive/Files/research/Faculty/resources/forms/setup-request-forms/cost-share-allocation-form.XLSX>

#### Higher Education Student Travel Grant, K-12/Informal Education STEM Travel Grant:

- 1) Your proposal as a PDF
- 2) Your proposed budget as an MS Excel file

Send me a copy of my responses

Submit

# Contact ISGC

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<https://www.idahospacegrant.org/>

Sign up for our mailing list or share your ISGC story at

<https://www.idahospacegrant.org/contact-us>

Email: [isgc@uidaho.edu](mailto:isgc@uidaho.edu)

Phone: 208-885-4934 or 208-885-2699

Follow us on social media for regular updates and  
opportunities @NASAISGC



# Overview of Idaho NASA EPSCoR (INE) and ISGC

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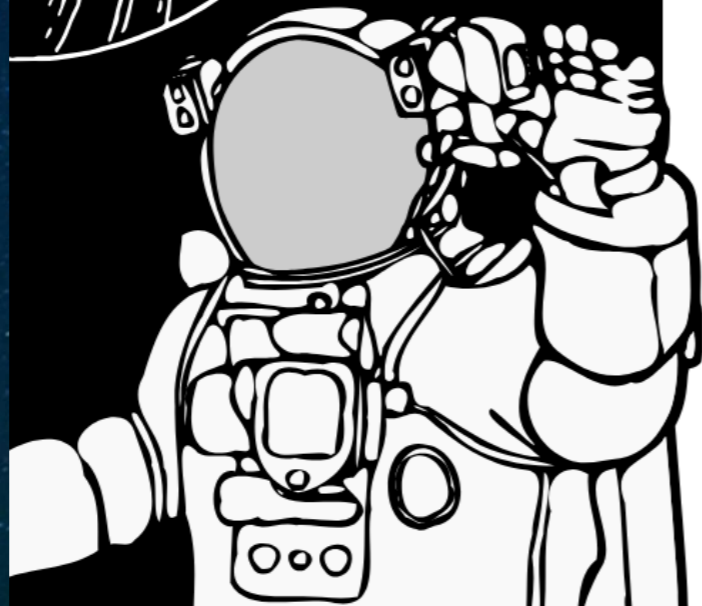
## – NASA EPSCoR

- The Established Program to Stimulate Competitive Research (EPSCoR) is designed to:
  - “establish partnerships with government, higher education and industry to create lasting improvements in a region’s research infrastructure and R&D capabilities to improve its national R&D competitiveness.”*
- Enables faculty development and higher education student support through research awards
- EPSCoR is directed at states that have not in the past participated equably in competitive aerospace and aerospace-related research activities (currently 28 states)

## – NASA Space Grant

- National Space Grant College and Fellowship Program created by Congress in 1988 to:
  - “Increase understanding, assessment, development, and utilization of space resources by promoting a strong educational base, responsive research and training activities, and broad and prompt dissemination of knowledge and techniques . . . “*
- 52 Space Grant Consortia (all 50 states + D.C. and Puerto Rico)
  - Over 800 affiliates from universities, colleges, industry, museums, science centers, and state and local agencies

– ISGC and INE located at University of Idaho in Moscow – but serve the entire state through competitive awards for students, researchers, and educators.



HEY IDAHO STUDENTS !  
APPLY FOR A  
**NASA ISGC  
INTERNSHIPS AND  
FELLOWSHIPS**

DEADLINE TO SUBMIT  
APPLICATION IS  
MARCH 8TH, 2024

An informational webinar will be held  
Thursday 1/11/24 at 5 pm PT /6 pm MT

Zoom Meeting ID: 821 1552 6084  
(a recording will be posted on our website)

QUESTIONS?  
EMAIL [ISGC@UIDAHO.EDU](mailto:ISGC@UIDAHO.EDU)  
VISIT [WWW.IDAHOSPACEGRANT.ORG](http://WWW.IDAHOSPACEGRANT.ORG) ★

