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Student Experiential Opportunities (Hands-On) - Request for Proposals

Deadline: Submissions accepted on an ongoing basis through **January 15, 2021** or until funds are consumed.

Purpose:

This Iowa Space Grant Consortium (ISGC) student-centered opportunity seeks proposals for student experiences that promote skills for STEM careers. Proposals are for hands-on activities which align with the research priorities of the NASA Mission Directorates. Funding is for student-led projects allowing for direct hands-on work with technology, hardware, machinery, research, etc. This program will fund regional and national competitions for rocketry, robotics and/or other student run activities.

Eligibility:

- Students must be enrolled at ISGC affiliated higher education institutions: DMACC, Drake, Iowa, Iowa State, Loras College, or Northern Iowa with a GPA of 3.0 or higher.
- A faculty or staff mentor is required.
- These grants will be awarded on a first-come, first-serve basis, until funds all are consumed.

Teams or individual students may apply. These projects must align with one or more of the NASA Mission Directorate research priorities and/or challenges, with explanation of the alignment. Projects will be evaluated based on the number of students involved/impacted, likelihood to increase the diversity of the STEM pool, and internal and external collaborations with NASA. The ISGC encourages proposals involving females, members of underrepresented minorities, persons with disabilities, and U.S. military veterans.

Proposals will be accepted by invitation only. Prospective applicants will discuss their ideas with Associate Director Jay Staker (jstaker@iastate.edu) to see if their ideas fall within the scope of this opportunity. The proposer may then be invited to submit a full proposal. If invited to submit a proposal, please follow the "Brief Description of Project" instructions below.

Brief Description of Project:

Please include a project description (three-page maximum) with a project summary of 300 words or less. Indicate the desired outcomes, what the funds will be used for, **and the aligned [NASA Mission Directorate](#) with benefits that are related to the ISGC mission.**

Submission Checklist: Please refer to this checklist prior to submission.

Budget:

Initial project budget may be requested up to \$5,000. Funding level for projects will be based on need as determined after discussion with Jay Staker with a required demonstration of progress for additional funding possibilities. While non-Federal match is encouraged, but not required, waived indirect is expected against NASA funds awarded, based on the university government approved rates. Space is provided on the

budget form for calculation. Funds must be expended by May 31, 2021. The budget template shown below is available and must be submitted in Excel format from:

<https://www.iaspacegrant.org/funding/undergrads/>, or by sending an e-mail request to: isgc@iastate.edu.

Please note: That which is not allowable from the NASA funding is also not allowable as Match and/or Cost Share.

ISGC Student Experiential Opportunities (Hands-On) – Budget template:

University: <i>(insert name)</i>		NASA	MATCH
Mentor: <i>(insert name here)</i>			
Student Lead: <i>(insert name here)</i>		ISGC Funds Request	Non-Federal (Cost Share)
Higher Education - Student Hands-On Program Project Name: <i>(insert title here)</i>			
Materials and Supplies		\$0	\$0
Travel (Domestic)		\$0	\$0
Wages+Fringe (Undergraduates)		\$0	\$0
TOTAL DIRECT COSTS		\$0	\$0
INDIRECT COSTS			\$0
NASA Indirect (see rates below*)	53.0%		\$0
Match Indirect (see rates below*)	53.0%		\$0
TOTAL BUDGET		\$0	\$0
Notes:			
Match = 1:1.25 (encouraged, not required for student hands-on projects)			
* Use university appropriate government approved indirect rate.			
* (Drake = 36.7%, ISU = 53%, UI = 54.5%, UNI = 35.1%)			
* (DMACC = 37% of salary and fringe only; Loras = 10%)			
Change/add expense type as appropriate, add rows as needed.			
Check all calculations for accuracy when adding rows.			
Include budget justification below, or as a separate word document.			

Unallowable expenses include:

- Indirect charges (waived indirect costs may be counted towards match)
- Equipment (defined as >\$5,000, per item)
- Foreign travel
- Facility renovations
- Promotional materials (i.e. t-shirts, etc.)
- Non-U.S. citizen reimbursements (i.e. travel, salary, wages)
- Non-U.S. citizens may participate, but cannot receive direct support from the grant.

Reporting Requirements: A midterm progress report and a final report are required. The reports outline accomplishments, and expenditures. These reports will also include a data sheet that will be provided by the ISGC office for completion. Photos of students and project work will be required to highlight accomplishments. Photo release forms will be required for individuals identifiable in photographs.

Questions may be directed to Jay Staker, Associate Director, jstaker@iastate.edu.

