



BROWN



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## **Call for NASA Rhode Island Space Grant Curriculum Development Proposals**

**The NASA Rhode Island Space Grant Consortium is soliciting applications to fund curriculum development projects at the K-12, undergraduate, and graduate levels throughout the state.** All projects related to the development of NASA-relevant curricula or other educational programs are invited to apply for funding. Projects may include, but are not limited to, development of K-12 STEM lessons and educational materials, professional development programs/workshops for K-12 educators, new undergraduate and graduate courses that integrate content relevant to NASA goals, courses or educational programs that integrate NASA data or teach students how to work with NASA data products, and courses that employ new pedagogical approaches or methodologies to bring NASA-relevant content to a broad audience, to name a few. Projects and courses that focus on increasing access to high quality STEM education in underserved communities/groups, that offer hands-on learning experiences for students, and/or that seek to develop novel digital/online learning experiences for diverse audiences are highly encouraged.

Activities at the K-12 level should demonstrate how they are aligned with [Next Generation Science Standards](#). Activities/courses at the undergraduate and graduate level should demonstrate how they are aligned with NASA [Office of STEM Engagement goals](#) and/or one or more of the five NASA Directorates (Aeronautics, Exploration Systems Development, Science, Space Operations, & Space Technology). The maximum amount that can be requested for each lead investigator or educator is \$10,000 per project (e.g., a single project with two lead investigators contributing equally can request up to \$20,000). Funds may be used to cover a wide range of costs associated with curriculum development (e.g., course materials, costs for running workshops, field trips, summer salary support for educators, etc.). Applicants should also provide a plan or description for one-to-one cost match for all requested funds. Cost match must be met using non-federal funds. Options include direct funding from other non-federal sources, costs associated with the use of space for the proposed work, costs of materials/supplies that would be used in the project, in-kind time of educators, etc. We understand that cost-match guidelines can be confusing and do not want these requirements to limit applications, and our team will work with applicants to find a strategy that works for each institution. If you have a good idea then we want to hear about it and will work to find solutions!

Full applications should be no more than 5 pages in length and must include a description of the project, the target audience, expected number of students that will be engaged by the activity, a brief description of how learning outcomes will be assessed, the format and timing of the activity (e.g., in-person course in fall 2023? One day professional development workshop in spring 2024? Professional development workshop in fall?), and a budget that details all requested funds, and description of cost-match strategy. **Applications will be considered on a rolling basis and should be e-mailed to [Ralph.Milliken@brown.edu](mailto:Ralph.Milliken@brown.edu) and [Nancy.Ciminelli@brown.edu](mailto:Nancy.Ciminelli@brown.edu)**