

# Faculty STEM Education Research Grant

(K-12 and Higher Education)

## Evaluation rubric

Criteria	Evaluation	Max Score
<b>Abstract</b>	The abstract is clear, concise and gives the reader an excellent sense of the scope of the project.	5
<b>Goals and objectives</b>	The goals and objectives are clearly stated. There are compelling reasons offered to pursue the project.	10
<b>Relevance to NASA's Mission Directorates</b>	The proposed project is very relevant to one or more of NASA's Mission Directorates.	10
<b>Methods and procedures</b>	The proposal includes a clear and detailed plan to carry out research in STEM education including but not limited to K-12 curriculum development, K-12 higher education STEM education outcomes, or STEM education outreach programs. There is a clear link between methodology and goals of the project.	10
<b>Timeline and feasibility</b>	The proposed timeline is clear, detailed, and closely aligned with the goals and objectives. Institutional support is strong. When applicable, equipment/resources are readily available.	10
<b>Budget narrative and worksheet</b>	There is a clear, detailed, budget plan, including a justification of expenditures for the proposed plan and a complete budgetary schedule for the length of the program.	15
<b>Student involvement</b>	Students play a significant role in the project and are included in the budget.	5
<b>Expected outcomes &amp; assessment plan</b>	There is great potential for innovation, publications, or future funding. The proposal includes well-defined plan for disseminating findings. A clear, and well-defined assessment plan is included.	15
<b>Collaboration &amp; interdisciplinary approach</b>	There is strong evidence of collaboration either across disciplines, across colleges/universities or with external partners.	10
<b>Recent award</b>	Using scale as Never 5, five years and above 4, three-four years 3, two years 2, one-year 1	5
<b>Early Career</b>	The applicant is pre-tenure/early career.	5
		100

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### NASA CT SPACE GRANT CONSORTIUM

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