

Cultural Convergence Project Draft

The Center for Advancing Sustainable and Distributed Fertilizer seeks research proposals for our Cultural Convergence Projects. Cultural convergence Projects bridge the gap between STEM, the culture of the researchers, and soft skills such as presenting at conferences. We are seeking to develop activities and programs to integrate their cultural relevance into CASFER. Funds to develop Cultural Convergence Outreach projects will be available annually. This is an opportunity for students to gain presentation skills, attend conferences, engage other researchers, and represent, Texas Tech University, Florida Agricultural and Mechanical University, Case Western Reserve University, Georgia Institute of Technology, Massachusetts Institute of Technology, and the CASFER Center.

We are seeking to create Cultural Convergence Teams to submit proposals for their Cultural Convergence Project. CCTs are teams constituted by undergraduates, graduate students, and/or post-docs who are interested in developing activities and programs to integrate their cultural relevance into CASFER.

Eligibility

The Cultural Convergence Teams proposing the CCPs (Cultural Convergence Projects) are Groups of CASFER scholars representing multiple institutions, various backgrounds, experiences, and cultures. The teams must consist of multi-university partners from CASFER participating institutions. Collaborative groups are highly suggested.

Projects are up to a yearlong up to a maximum \$4000 request to cover project activities and travel to conferences to present project findings.

Proposal Submission Guidelines

1. Cover Page

- a. Date of submission
- b. Project title
- c. Lead investigator name and affiliation (institution)
- d. Names of other team members and affiliations (At least 2 campus partner institutions represented is preferred)
- e. Contact email
- f. Contact phone number
- g. Proposed type of program (speaker, activity, workshop, research, K-12 outreach, other)

2. Project Description

Describe the project and its value, for example, how will the project boost the cultural and diversity experiences of CASFER participants. Include at least 3 measurable goals, the target population and project impact. Describe how students, faculty, and staff groups will be involved in the project.

3. Project Evaluation Plan

The project should include an evaluation plan on how you will measure the project's achievement of goals, and what metrics you will use.

4. Project Timeline

Provide a detailed timeline that includes all project components such as the planning, implementation of activities, evaluation, and dissemination of results phases.

5. Project Budget

Provide an itemized list of project costs with justification for each cost.

6. Project Sustainability

Is the project sustainable after the funding period finishes or is it a one-year project? Please describe.

Appendix

Include the team leader Resume/CV and other team members short bios.

Project ideas:

- Gender equity differences in leadership roles in STEM fields
- Agricultural practices in diverse cultures and their impact
 - STEAM (Science, Technology, Engineering, Art, Mathematics)-projects that combine science and art by showing how these disciplines are interconnected
- participation, open to a department/college, etc.
- Educational K-12 outreach events
- Benefits of working in multicultural settings
- Barriers to conference presentation for underrepresented minorities
- Workshops on culturally relevant topics/issues-these may include bringing a speaker

Potential Conference Examples:

- Symposium on Experiential Education Research (SEER)
- Alliance for International Exchange Annual Conference
- National Diversity in Stem Conference
- Hispanic Association of Colleges and Universities Annual Conference
- ASEE-American Society of Engineering Educators
- IEEE-Frontiers in Education Conference
- SWE-Society of Women Engineers
- NSBE-National Society of Black Engineers
- SHPE-Society of Hispanic Professional Engineers