Limited Submission Funding Opportunity

Cultivating Cultures for Ethical STEM (CCE STEM)


FOA#: NSF 15-528

The Cultivating Cultures for Ethical STEM (CCE STEM) program accepts proposals for innovative research projects to foster ethical STEM research in all of the fields of science and engineering that NSF supports, including within interdisciplinary, inter-institutional and international contexts. CCE STEM research projects will use basic research to produce knowledge about what constitutes responsible or irresponsible, just or unjust scientific practices and sociotechnical systems, and how to best instill students with this knowledge. Projects can include qualitative and/or quantitative approaches.

MODES OF SUPPORT - STANDARD RESEARCH GRANTS AND INSTITUTIONAL TRANSFORMATION RESEARCH GRANTS

Proposed research should seek to provide answers to the following: ‘What constitutes ethical STEM research and practice? Which cultural and institutional contexts promote ethical STEM research and practice and why?’ Factors one might consider include: honor codes, professional ethics codes and licensing requirements, an ethic of service and/or service learning, life-long learning requirements, curricula or membership in organizations (e.g. Engineers without Borders) that stress social responsibility or humanitarian goals, institutions that serve under-represented groups, institutions where academic and research integrity are cultivated at multiple levels, institutions that cultivate ethics across the curriculum, or programs that promote group work, or do not grade. Do certain labs have a ‘culture of academic integrity’? What practices contribute to the establishment and maintenance of ethical cultures and how can these practices be transferred, extended to, or integrated into other research and learning settings?

Successful proposals typically have a comparative dimension, either 1) between or within institutional settings that differ along the factors suggested or other factors (Standard Research Grants), or 2) over time-- before and after an intervention (Institutional Transformation Research Grants (ITRG)). For ITRGs, investigators are expected to gather and report baseline data in the first annual report. Both Standard and ITRG proposals can be collaborative.

Note: NSF does not consider proposals for medical research and hence, the program will not consider proposals focused on ethics for medical students or in medical education. It will consider proposals that address medical informatics, biomedical engineering, systems engineering and social scientific studies of health and medicine.
**ELIGIBILITY**
For Institutional Transformation Research Grant proposals, it is highly recommended that one or more senior members of the administration (e.g. Provost, VP, and/or President) serves as a PI.

**LIMIT ON NUMBER OF PROPOSALS PER ORGANIZATION**
Only one application per institution is allowed.

**KEY DATES**
- Internal Letter of Intent Due: January 5, 2015 (by midnight)
- Sponsor Proposal Due: March 12, 2015

**SUBMITTING A MANDATORY LETTER OF INTENT**
Faculty members interested in applying are required to submit a letter of intent (LOI). An LOI is required but not binding.

1. Click [here](#) to access the form.
2. Name the LOI as follows: “LastName-FirstInitial-LOI-NSF-CCE-STEM-2015”, replacing “LastName” with your last name and “First Initial” with your first initial.
3. Click on the Vault ticket: [https://vault2.northwestern.edu/xythoswfs/webui/_xy-e6067181_1-t_TibA71ru](https://vault2.northwestern.edu/xythoswfs/webui/_xy-e6067181_1-t_TibA71ru)
4. Click the Upload button.
5. Click the Browse button and navigate to your file on your hard drive or network.
6. Click the OK button.

*Note:* You will get a tiny confirmation message upon upload. If you do not see it, you may contact Karen Cielo k-cielo@northwestern.edu for a confirmation.

**COLLABORATION OPPORTUNITIES**
The Office of Research Development offers assistance in identifying and facilitating collaborations, putting together interdisciplinary teams, programmatic and administrative development of large, cross-school proposals, and leveraging institutional resources for outreach and education. Contact Fruma Yehiely (yehiely@northwestern.edu), Director of ORD, for more information.

**CONTACT AND ADDITIONAL INFORMATION**
Fruma Yehiely, Director of ORD, 847-491-1074, yehiely@northwestern.edu
Limited Submissions web site: [http://www.research.northwestern.edu/ord/funding/limited-submissions/](http://www.research.northwestern.edu/ord/funding/limited-submissions/)