Deans, Assoc. Deans for Research, Directors, and Department Heads:
Please forward this information to the appropriate faculty immediately.

Institutional Limit on Proposal Submissions

National Science Foundation

Cultivating Cultures for Ethical Stem

https://www.nsf.gov/pubs/2015/nsf15528/nsf15528.pdf

ORED Preproposal Deadline: Friday, September 29, 2017

NSF Full Proposal Deadline: Thursday, February 15, 2018

LIMITED SUBMISSION – One (1) PER INSTITUTION

Below is information about the NSF Cultivating Cultures for Ethical Stem, NSF 15-528 for 2018. NSF limits the number of proposals an organization can submit, as described above. Therefore, if the number of proposals exceeds that limit, an internal review will be conducted to determine which proposals will be submitted from Mississippi State University.

If you are interested in submitting a proposal to the NSF, a preproposal that includes the information listed below must be submitted to the Office of Research and Economic Development (ORED), electronically to Dr. Teresa Gammill: tgammill@research.msstate.edu and copied Jessica Northcutt: jnorthcutt@research.msstate.edu by **5 p.m. on Friday, September 29, 2017.** A committee of faculty members will screen applications and select the nominee to represent the University.

All preproposals must include:

1. Title of proposal to NSF
2. NSF Proposal Number
3. Deadline of NSF proposal
4. PI and Co-PIs with title and unit affiliation
5. Abbreviated vita of PI
6. Partner institutions/industries (if any)
7. Indicate if this is a resubmission – If so include copies of panel summary and all reviews
8. Three - four detailed paragraph(s) providing a brief, but detailed description of the proposed activities.

Synopsis of Program:

Cultivating Cultures for Ethical STEM (CCE STEM) funds research projects that identify factors that are efficacious in the formation of ethical STEM researchers in all the fields of science and engineering that NSF supports. CCE STEM solicits proposals for research that explores the following: 'What constitutes ethical STEM research and practice, and 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 memberships in organizations (e.g. Engineers without Borders) that stress social responsibility and 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, and integrated into other research and learning settings?

Successful proposals typically have a comparative dimension, either between or within institutional settings that differ along these or other factors.

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.

Proposals for awards from minority-serving institutions (e.g. Tribal Colleges and Universities, Historically Black Colleges and Universities, Hispanic-Serving Institutions, Alaska Native or Native Hawaiian Serving Institutions), women's colleges, and institutions primarily serving persons with disabilities are strongly encouraged. Proposals including international collaborations are encouraged when those efforts enhance the merit of the proposed work by incorporating unique resources, expertise, facilities or sites of international partners. The U.S. team's international counterparts generally should have support or obtain funding through other sources.

Anticipated Type of Award: Standard Grant

Estimated Number of Awards: 6 to 8

Anticipated Funding Amount: $3,150,000

Estimated total annual funding amount is $3,150,000 - subject to the availability of funds. The maximum amount for 5-year awards is $600,000 and the maximum amount for 3-year awards is $400,000. The average award is $275,000.