



From: Faculty Research Development Office (FRDO)
Office of the Vice President for Research

Subject: Limited Competition: NSF Ethical and Responsible Research (ER2) - NSF 19-609

Date: October 1, 2019

UNM Researchers,

The NSF program, Cultivating Cultures for Ethical STEM (CCE STEM), has been revised in two major ways. The first is a name change to Ethical and Responsible Research (ER2). The second is two new funding categories: 1) Conference proposals designed to bring together researchers and students to foster new ER2 research and the development of new ethical standards for STEM research; and 2) Project Incubation proposals designed to support the development of full proposals by two or more organizations.

Ethical and Responsible Research (ER2) funds research projects that identify: (1) factors that are effective in the formation of ethical STEM researchers; and (2) approaches to developing those factors in all STEM fields that NSF supports. ER2 solicits proposals for research that explores the following: "What constitutes responsible conduct for research (RCR), and which cultural and institutional contexts promote ethical STEM research and practice and why?" 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?" 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 responsible conduct for research, 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. Successful proposals typically have a comparative dimension, either between or within institutional settings that differ along these or among other factors, and they specify plans for developing interventions that promote the effectiveness of identified factors.

ER2 research projects will use basic research to produce knowledge about what constitutes or promotes responsible conduct of research, and how to best instill this knowledge at all career stages. In some cases, projects will include the development of interventions to ensure ethical and responsible research conduct.

The maximum total amount for a 5-year award is \$600,000 and the maximum total amount for a 3-year award is \$400,000. The deadline for full proposals to the NSF is February 24, 2020. For complete programmatic details, please visit the NSF ER2 webpage at: <https://www.nsf.gov/pubs/2019/nsf19609/nsf19609.htm>.

This is a limited competition. Each institution is limited to one proposal. If you are interested in submitting a proposal, please email a statement of interest with a tentative title, a brief project description (200 words), and names and departments of all senior personnel by **noon, Thursday, October 31, 2019** to limited@unm.edu with the subject line indicating: NSF CCE STEM - your name. Based on the e-mail responses received, the Limited Competitions Management Team may announce a call for pre-proposals.

If you are affiliated with HSC, please contact Corey Ford (CFord@salud.unm.edu) or Cassandra Misenar (CMisenar@salud.unm.edu) for more information.