

**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**

# **Science and Technology Centers: Integrative Partnerships**

<https://www.nsf.gov/pubs/2019/nsf19567/nsf19567.htm>

**ORED Proposal Deadline: Friday, April 5, 2019**

**Required: Preliminary Proposal Due Date: Tuesday, June 25, 2019**

**NSF Full Proposal Deadline BY INVITATION ONLY: Monday, January 27, 2020**

### **LIMITED SUBMISSION – THREE (3) PER INSTITUTION**

Below is information about the NSF Science and Technology Centers: Integrative Partnerships, NSF 19-567 for 2019. 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](mailto:tgammill@research.msstate.edu) and copied to Lynn Taylor: [ltaylor@research.msstate.edu](mailto:ltaylor@research.msstate.edu) and the Associate Dean for Research in your college, by **5 p.m. on Friday, April 5, 2019**. 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. Deadline of NSF proposal
3. PI and Co-PIs with title and unit affiliation
4. Abbreviated vita of PI
5. Partner institutions/industries (if any)
6. Indicate if this is a resubmission – If so include copies of panel summary and all reviews
7. Three - four detailed paragraph(s) providing a brief, but detailed description of the proposed activities.

## **Synopsis of Program:**

The Science and Technology Centers (STC): Integrative Partnerships program supports exceptionally innovative, complex research and education projects that require large-scale, long-term awards. STCs focus on creating new scientific paradigms, establishing entirely new scientific disciplines and developing transformative technologies which have the potential for broad scientific or societal impact. STCs conduct world-class research through partnerships among institutions of higher education, national laboratories, industrial organizations, other public or private entities, and via international collaborations, as appropriate. They provide a means to undertake potentially groundbreaking investigations at the interfaces of disciplines and/or highly innovative approaches within disciplines. STCs may involve any area of science and engineering that NSF supports. STC investments support the NSF vision of creating and exploiting new concepts in science and engineering and providing global leadership in research and education.

Centers provide a rich environment for encouraging future scientists, engineers, and educators to take risks in pursuing discoveries and new knowledge. STCs foster excellence in education by integrating education and research, and by creating bonds between learning and inquiry so that discovery and creativity fully support the learning process.

NSF expects STCs to demonstrate leadership in the involvement of groups traditionally underrepresented in science and engineering at all levels (faculty, students, and postdoctoral researchers) within the Center. Centers use either proven or innovative mechanisms to address issues such as recruitment, retention and mentorship of participants from underrepresented groups.

Centers must undertake activities that facilitate knowledge transfer, i.e., the exchange of scientific and technical information with the objective of disseminating and utilizing knowledge broadly in multiple sectors. Examples of knowledge transfer include technology transfer, providing key information to public policy-makers, or dissemination of knowledge from one field of science to another.

**Anticipated Type of Award:** Cooperative Agreement - initial commitment of 5 years with the possibility of a 5-year continuation.

**Estimated Number of Awards:** up to 5 Centers. Number of awards is approximate and subject to availability of funds in FY2021.

**Anticipated Funding Amount:** \$25,000,000

Up to \$25,000,000 annually, pending the availability of funds.