

**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 Academic Research Infrastructure Program Recovery and Reinvestment (ARI-R²)

<http://www.nsf.gov/pubs/2009/nsf09562/nsf09562.htm>

LIMITED SUBMISSION – ONE (1) PER INSTITUTION

NSF limits the number of proposals an organization can submit, as described above. Therefore, if the number of preproposals exceeds that limit (1), an internal review will be conducted to determine which proposals will be submitted from Mississippi State University. Per NSF the limitation for the ARI-R² is described below:

One (1), either as the lead organization or as a sub-awardee but not both. Sub-awards solely for the provision of a widely recognized commercial service, for example, architectural design, construction, or telecommunications services, are not subject to this restriction.

Collaborative proposals are welcome. Collaborative proposals may **only** be submitted as a single proposal in which a single award is being requested. The involvement of partner organizations should be supported through sub-awards administered by the submitting organization. Partners in collaborative proposals should not submit separate proposals.

Synopsis of Program:

Scientific discoveries are emerging at an accelerated pace, presenting new frontiers for exploration, stimulating innovation and economic growth, and driving the development of new tools and systems to support research. Likewise, the convergence of disciplines and the cross-fertilization that characterized contemporary science and engineering have made collaboration a centerpiece of the 21st century science and engineering enterprise. As new scientific opportunities and processes have emerged, the Nation's research facility requirements have also evolved and changed. In 2005, NSF estimated that academic institutions then had at least \$3.6 billion in deferred projects to repair and renovate science and engineering research facilities (FY05 Survey of Science and Engineering Research Facilities.) As a result of the American Recovery and Reinvestment Act of 2009, NSF will invest \$200 million in the Nation's research facilities and research training infrastructure. This investment will advance the science and engineering research enterprise at many institutions.

The purpose of this program is to enhance the Nation's existing research facilities where sponsored and/or unsponsored research activities and research training take place to enable next-generation research infrastructure that integrates shared resources across user communities.

Consistent with NSF's mission to strengthen the U.S. science and engineering enterprise, the ARI-R² program will:

- Update existing research facilities at institutions of higher education (including graduate and undergraduate institutions, among which are included community colleges) and other non-profit research organizations (e.g., independent research museums, independent research laboratories, and research consortia) in order to support research that can address the challenges of the 21st century.
- Enable academic departments, disciplinary and cross-disciplinary units, or multi-organization consortia to renovate research facilities through the addition or augmentation of cyberinfrastructure, other than general-purpose computing systems or data storage systems, to create environments that enhance research and integrate research with education.
- Improve access to and increase use of next-generation research facilities for researchers, educators and students.
- Assist research organizations, including those that have historically received limited Federal research and development funds, to improve their science and engineering research environments.

Letter of Intent Due Date(s) (*required*) (due by 5 p.m. proposer's local time): **July 01, 2009**

Full Proposal Deadline(s) (due by 5 p.m. proposer's local time): **August 24, 2009**

MSU Preproposal Required:

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 Sandra Harpole at sharpole@research.msstate.edu and copied to Katie Echols at kechols@research.msstate.edu in the ORED office by **5 p.m. on Friday, May 29, 2009**. A committee of faculty members will screen applications and select the nominee to represent the University.

All preproposals must include:

1. Title of proposed project
2. PI Name
3. Submitting organization name
4. Name of facility to be renovated
5. Project Synopsis – maximum of 3 pages
 - Description of the proposed renovation
 - Need for and justification of renovation
 - Impact on science and engineering and associated infrastructure
6. Tentative budget