

UM Call for Internal Pre-proposals for NSF Major Research Instrumentation (MRI)
2016 internal UM competition for 2017 NSF competition

NSF MRI seeks to improve the quality and expand the scope of research and research training in science and engineering by providing shared instrumentation that fosters the integration of research and education in research-intensive learning environments.

ORSP will conduct a review process to select up to 3 pre-proposals for advancement into full proposals to NSF. **Internal Notice of Intent** is required and due to ORSP on **September 23, 2016**. **Internal Pre-proposals** are due to ORSP on **October 5, 2016**.

Key Dates (2016-17):

Thursday, Aug 25:	Original date of this announcement
September 9:	Version 5 of this announcement
September 23:	Required Internal Notice of Intent due via online InfoReady Review Portal: http://olemiss.infoready4.com/
Wednesday, Oct 5:	Internal pre-proposals due via online InfoReady Review Portal: http://olemiss.infoready4.com/
Oct 6 – Oct 13:	ORSP will coordinate review of pre-proposals
Friday, Oct 14:	ORSP will announce which pre-proposals to move forward
Oct 15 – Jan 5:	Investigators expand selected pre-proposals into full proposals
Wednesday, Jan 4:	All full proposal documents (including transmittal) due to ORSP
Wednesday, Jan 11:	Full proposal deadline to NSF

Funding: \$100K – \$4M for project periods of up to 3 years (acquisitions) or 5 years (development). Proposals of less than \$100K are OK for mathematics, or social, behavioral, and economic sciences.
For acquisitions: at least 70% of total project cost must fall under the Equipment category; grant funds may only be spent on equipment.

Cost Sharing: Required at a level of (precisely) 30% of the total cost of the project (which translates to 42.86% of the requested amount).

Limitations: UM may submit up to 3 proposals, of which only 2 may be for acquisition.

Internal Notice of Intent Format: Downloadable from
<http://www.research.olemiss.edu/NSFMRI2016for17>

Internal Pre-Proposal Format: Downloadable from
<http://www.research.olemiss.edu/NSFMRI2016for17>: Includes: Cover sheet (1 page); Project Summary (1 page); Abbreviated Project Description (5-7 pages); Budget and Justification (1 page); and Results from Previous NSF MRI Submission (1 page).

The full NSF solicitation can be viewed at
<http://www.nsf.gov/pubs/2015/nsf15504/nsf15504.pdf>.

The guidelines January 2016 release of the NSF Grant Proposal Guide apply for the NSF competition.

http://www.nsf.gov/pubs/policydocs/pappguide/nsf16001/gpg_print.pdf

Recent UM History with NSF MRI

For 2016's competition, ORSP received 3 acquisition pre-proposals and zero development pre-proposals. Of these, 2 acquisition pre-proposals were selected and developed into full proposals to NSF, resulting in one award.

The most recent NSF MRI awards to UM:

- 2016. Federal Award No 1625813, "MRI: Acquisition of a Goniometer-Based Light Scattering System for Research and Training at the University of Mississippi", PI: Adam Smith; Co-PIs: Seongbong Jo, Susan Pedigo, Esteban Urena-Benavides. \$110,314.
- 2015. Federal Award No 1532079, "MRI: Acquisition of a Raman Spectrometer for Research and Training at the University of Mississippi", PI: Nathan Hammer; Co-PI: Charles Hussey. \$201,666.
- 2013. Award No CHE-1338056, "MRI: Acquisition of a GPU Cluster for Computational Science in Mississippi," PI: Greg Tschumper; Co-PIs: Brian Hopkins, and Robert Doerksen.
- 2011. Award No DBI-1126379, "MRI: Acquisition of an Imaging Flow Cytometer for Multidisciplinary Organic and Inorganic Particle Research and Education," PI: Cliff Ochs; Co-PIs: Richard Buchholz, Tamar Goulet; Jason Hoeksema.
- 2009. Award No CBET-0923080, "MRI: Acquisition of a High Resolution Inductively Coupled Plasma Mass Spectrometer for the Mid-South Region," PI: Jim Czizdiel; Co-PIs: Wei-Yin Chen, Gregg Davidson, Marge Holland, Cliff Ochs.