



LIMITED SUBMISSION

The Division of Research announces limited submissions on their website and coordinates the internal review process to identify the institution's nominee.

Major Research Instrumentation

Internal deadline: Oct. 18

Agency deadline: Feb. 5

Limit: 3 per institution

Cost Sharing is required. Please discuss with your budget coordinator or your proposal and contract administrator in the Division of Research.

Synopsis of Program: The Major Research Instrumentation (MRI) Program serves to increase access to multi-user scientific and engineering instrumentation for research and research training in our nation's institutions of higher education and not-for-profit scientific/engineering research organizations. An MRI award supports the acquisition or development of a multi-user research instrument that is generally too costly and/or not appropriate for support through other NSF programs.

MRI provides support to acquire critical research instrumentation without which advances in fundamental science and engineering research may not otherwise occur. MRI also provides support to develop next-generation research instruments that open new opportunities to advance the frontiers in science and engineering research. Additionally, an MRI award is expected to enhance research training of students who will become the next generation of instrument users, designers and builders.

An MRI proposal may request up to \$4 million for either acquisition or development of a research instrument. Beginning with the FY 2018 competition, each performing organization may submit in *revised* "Tracks" as defined below, with no more than two submissions in Track 1 and no more than one submission in Track 2.

- Track 1: Track 1 MRI proposals are those that request funds from NSF greater than or equal to \$100,000 and less than \$1,000,000.
- Track 2: Track 2 MRI proposals are those that request funds from NSF greater than or equal to \$1,000,000 up to and including \$4,000,000

(cont'd.)

Eligible Fields of Science and Engineering

DOES SUPPORT: Fields of science, engineering, mathematics or education research that are typically supported by NSF programs. However, as long as they are in such NSF-supported fields, the specific research projects for which the instrumentation will be used need not be funded by NSF or other agencies of the Federal government.

DOES SUPPORT: Instrumentation for bioengineering research, with diagnosis- or treatment-related goals that applies engineering principles to problems in biology and medicine, while also advancing engineering knowledge, is eligible for support. Instrumentation for research in bioinformatics and bio-computing, or for bioengineering research to aid persons with disabilities, is also eligible.

DOES NOT SUPPORT: Instrumentation to be used in medical education (such as medical school courses). Instrumentation intended for research with disease-related goals, including work on the etiology, diagnosis or treatment of physical or mental disease, abnormality, or malfunction in human beings or animals, is normally not supported. Instrumentation for research on animal models of such conditions or the development or testing of drugs or other procedures for their treatment also is not eligible for support.

To download the solicitation, click [here](#). For details and to submit an internal application, click [here](#).

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