

Limited Submission

National Science Foundation Research Traineeship (NRT) program

https://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=505015&ods_key=nsf18507

WVU Internal Letter of Intent Due: Monday, October 1st

Agency Letter of Intent Due: December 6, 2018

Agency Full Proposal Due: February 6, 2019

Synopsis

The NSF Research Traineeship (NRT) program is designed to encourage the development and implementation of bold, new, and potentially transformative models for STEM graduate education training. The NRT program seeks proposals that ensure that graduate students in research-based master's and doctoral degree programs develop the skills, knowledge, and competencies needed to pursue a range of STEM careers.

This program is dedicated to effective training of STEM graduate students in high priority interdisciplinary research areas, through the use of a comprehensive traineeship model that is innovative, evidence-based, and aligned with changing workforce and research needs. Strategic collaborations with the private sector, non-governmental organizations, government agencies, national labs, field stations, teaching and learning centers, informal science centers, and academic partners are encouraged. NRT especially welcomes proposals that pair with the efforts of NSF INCLUDES to diversify STEM talent.

The priority research areas for the FY2018 competition will be (1) Harnessing the Data Revolution (HDR), (2) Innovations at the Nexus of Food, Energy, and Water Systems (INFEWS). HDR is expected to continue as a high priority area for FY2019 and FY2020. Historically ~15 NRT Traineeship Track Awards (14-15 anticipated) are made each year for up to five (5) years in duration with a total budget up to \$3,000,000.

Institutions are limited to participation in only 2 proposals per competition. Participation includes serving as a lead organization on a non-collaborative proposal or as a lead organization, non-lead organization, or subawardee on a collaborative proposal.

If you are interested in submitting for this solicitation or are part of a collaborative submission with partners beyond WVU, you **must** first submit an internal Letter of Intent (LOI). Depending on the response the Research Office may elect to run an internal selection process. We are aware this is very short notice, however the NSF solicitation was about 1 month behind schedule this year.

Internal LOI Instructions:

Email to: Deanna.Messenger@mail.wvu.edu with subject line: "NRT Letter of Intent" by the above internal LOI due date.

To include:

- PI(s) and Departmental and University/Industrial Affiliations
- Specify whether this is a HRD or INFEWS program
- A brief paragraph addressing: your theme; outlining the basic structure; the role of the external partners; and if/how you will address NSF INCLUDES.

Contact Sheena.Murphy@mail.wvu.edu with questions.