

Limited Submission

National Science Foundation Research Traineeship (NRT) program

https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505015

WVU Internal Letter of Intent Due: Friday, September 9, 2016

Agency Letter of Intent Due: December 9, 2016

Agency Full Proposal Due: February 7, 2017

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. The NRT program includes **two tracks**: the **Traineeship Track** and the **Innovations in Graduate Education (IGE) Track**.

The **Traineeship Track** 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. The priority research areas for the FY2017 competition will be (1) Understanding the Brain (UtB), (2) Innovations at the Nexus of Food, Energy, and Water Systems (INFEWS), and (3) any other interdisciplinary research theme of national priority. NRT Traineeship Track Awards (14-15 anticipated) are expected to be up to five (5) years in duration with a total budget up to \$3,000,000.

The **IGE Track** focuses on test-bed projects aimed at piloting, testing, and validating innovative and potentially transformative approaches to graduate education. IGE projects are intended to generate the knowledge required for their customization, implementation, and broader adoption. While the Traineeship Track promotes building on the current knowledge base to develop comprehensive programs to effectively train STEM graduate students, the IGE Track supports testing of novel models or activities with high potential to enrich and extend the knowledge base on effective graduate education approaches. NRT IGE Track Awards (14-20 anticipated) are expected to be up to three (3) years in duration with a total budget between \$300,000 and \$500,000.

Institutions are limited to participation in only 2 Traineeship and 2 IGE Track 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.

Internal LOI Instructions:

Email to: Deanna.Whorton@mail.wvu.edu with subject line: "NRT Letter of Intent" by September 9, 2016

To include:

- PI(s) and Departmental and University/Industrial Affiliations
- Whether you are pursuing the Traineeship or IGE Track

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