Limited Submissions

National Science Foundation Research Traineeship (NRT) Program

Tufts may submit three applications

two (2) Traineeship Track proposals and one (1) Innovations in Graduate Education Track proposal

DEADLINES:

Tufts Internal ‘Email of Intent’ Deadline: Friday, October 23, 2015 by 5pm
NSF Letter of Intent due: Tuesday, December 22, 2015
Application deadline: Monday, February 22, 2016

For those interested:

Please send an email of intent to the Limited Submissions Team at limitedsubmissions@tufts.edu informing us of an intention to apply. EOI’s received after the deadline will not be considered. The email of intent needs to include:

1. The name of the solicitation including the track you want to apply to,
2. The name of the Principal Investigator, and any co-PI’s,
3. The CV or biosketch of all research team members
4. The subject or title of the proposed project, and
5. An appropriately detailed description of no more than 500 words outlining the proposal.

If the number of submissions is greater than the limit(s) imposed by NSF, the Limited Submissions Committee will initiate an internal review process.

PROGRAM INFORMATION: The NSF Research Traineeship (NRT) program is designed to encourage the development and implementation of bold, new, potentially transformative, and scalable 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:

• Traineeship Track - 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, aligned with changing workforce and research needs, and scalable. For this solicitation the Traineeship Track has one priority interdisciplinary research theme — Data-Enabled Science and Engineering (DESE); proposals are encouraged also on any non-DESE interdisciplinary research theme that is a national priority.

• Innovations in Graduate Education (IGE) Track - dedicated solely to piloting, testing, and evaluating novel, innovative, and potentially transformative approaches to graduate education, both disciplinary and interdisciplinary, to generate the knowledge required for their customization, implementation, and broader adoption. Whereas the Traineeship Track promotes building on the current knowledge base to more effectively train STEM graduate students, the IGE Track supports test-bed projects with high potential to enrich, improve, and extend the knowledge base with attention to transferability and innovation. For both tracks, strategic collaborations with the private sector, non-governmental organizations (NGOs), government agencies, national laboratories, field stations, teaching and learning centers, museums, and academic partners are encouraged.

Limited submissions by track:

• If an institution submits only one Traineeship Track proposal, it can be on either Data-Enabled Science and Engineering (DESE) or another theme. If an institution submits two Traineeship Track proposals, at least one must be a DESE proposal. In either case (DESE or non-DESE), the traineeship theme of a Traineeship Track proposal must be interdisciplinary.

All materials are to be submitted electronically to the Limited Submissions Committee at limitedsubmissions@tufts.edu.
Limited Submissions

Limited Submissions Committee  
Tufts University

- An institution may submit only one (1) **Innovations in Graduate Education (IGE) Track** proposal.

**Note:** While the priority interdisciplinary research theme for this FY2015 solicitation is Data-Enabled Science and Engineering (DESE), NSF has stated that one of the priority research theme areas for the FY 2016 NRT solicitation will be Innovations at the Nexus of Food, Energy, and Water Systems (INFEWS).

**AWARD INFORMATION:** Traineeship Awards (10 anticipated) are expected to be up to five years in duration with a budget up to $3,000,000. IGE Track Awards (14-20 anticipated) are expected to be up to 2-3 years in duration with a budget between $300,000 and $500,000.