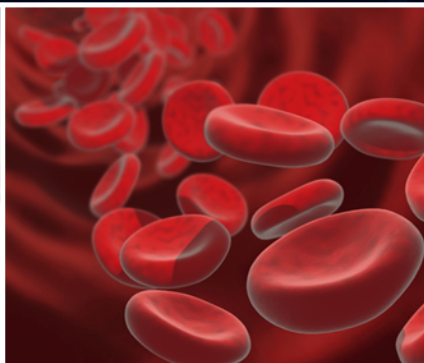
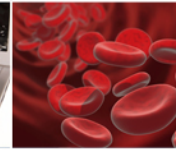




National Science Foundation Research Traineeship (NRT)

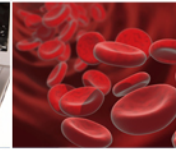
Webinar





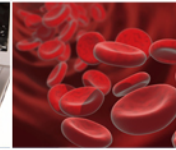
Why NRT?

- NRT responds to calls for stakeholders for new approaches to STEM graduate education.
- NRT encourages proposals that develop, implement, and scale-up innovative and effective STEM graduate training models and practices while fostering fundamental research advances in support of national priorities.



NRT Goals

- Catalyze and advance cutting-edge interdisciplinary research in high priority areas.
- Prepare STEM graduate students more effectively for successful careers within or outside academe.
- Develop models and knowledge that will promote transformative improvements in graduate education.

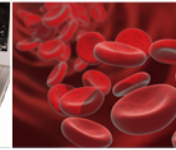


NRT Research Themes

- Data-Enabled Science and Engineering (DESE) theme
 - Address fundamental challenges in data-enabled science and engineering
 - Provide for educating the next generation of researchers in this space
- Other crosscutting, interdisciplinary theme
 - Align with national STEM priority research areas
 - Have high potential for development of innovative practices of graduate education

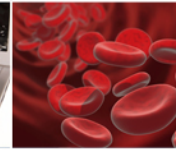


WHERE DISCOVERIES BEGIN



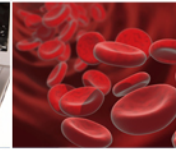
What is a Trainee?

STEM graduate student, irrespective of whether he/she is supported with an NRT stipend, research assistantship, teaching assistantship, or other funding, who is accepted into the program and required to complete all the required elements



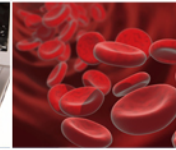
Review Criteria

- Intellectual Merit
- Broader Impacts
- Additional Review Criteria
 - Integration of Science and Education
 - Interdisciplinarity
 - Integrating Diversity into NSF Program, Projects, and Activities
 - Evaluation
 - Sustainability
 - Model Dissemination



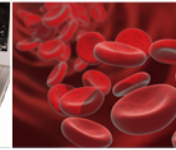
Budget

- Up to \$3,000,000 (total) for up to five years
 - Direct costs for trainee support and programmatic elements must be commensurate with the goals of the proposal.
- Stipend requirements
 - For trainees whose research is aligned with the project's research theme
 - Minimum of \$32,000 for 12-month appointment
 - No charge for tuition and any other required costs of education while receiving NRT stipend



Number of Proposals per Organization

- Institution may submit two proposals
 - At least one proposal must have a DESE theme
- Proposers must designate either DESE or other cross-cutting, interdisciplinary theme in the title

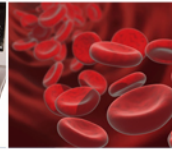


NRT Features Distinct from IGERT

- Emphasis on training for multiple career pathways
- Rotating priority research themes
- Inclusion of both master's and doctoral students
- Broad definition of “trainee”
- Increased programmatic and budgetary flexibility



WHERE DISCOVERIES BEGIN



NRT Questions

- Questions submitted by Webinar participants
- Additional questions