### NSF Funding Opportunity: Research on Research Security program (RoRS)

PD 25-275Y

**Dean Evasius & Ellen McCallie** Office of the Chief of Research Security Strategy and Policy



U.S. National Science Foundation Research on Research Security Program



# What is Research Security?

Safeguarding the research enterprise against the misappropriation of research and development to the detriment of national or economic security, related violations of research integrity, and foreign government interference. (G7)

## National Security Presidential Memorandum (NSPM-33)

Published in January 2021, it directs action to strengthen protections of United States Government-supported Research and Development (R&D) against foreign government interference and exploitation.



# **Research Security Requires All Actors**

### Funders

- Collecting appropriate disclosures
- Assessing research proposals for risk
- Working to mitigate risk to "get to yes"

### **Research Institutions**

- Ensuring disclosures are complete
- Overseeing use of research funding
- Reviewing potential international interactions
- Creating a "research security safety culture"

### Researchers

- Availability of RoRS funding in support of any STEM area
- Understanding terms of any proposed affiliation or funding source
- Communicating with home institution and funding agency
- Promoting a "research security safety culture" in the lab



### **Research-on-Research Security Community**





# **Research-on-Research Security Community**

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NSF is committed to securing the nation's research enterprise as part of its core mission.



The Research on Research Security (RoRS) program is intended to study the scope, potential, and challenges comprising the research security field through scholarly evidence.



# RoRS seeks to fund projects that will

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Use rigorous empirical methods to advance understanding of the factors that influence research security



Build upon established methodologies from diverse fields of study to ensure that RoRS develops efficiently into a robust, mature discipline with its own novel approaches



Develop innovative strategies to leverage previously unidentified, unconnected, and/or inaccessible sources of data



Produce data, analysis, theory, and tools that inform current and future decision-making on U.S. research security



# Sample topics (not meant to be limiting):



The nature and pervasiveness of research security threats



Methods for identifying research security risks, and strategies for preventing and mitigating them



The complex relationships between research security policies and human behavior



Research on research security in the context of a particular field or discipline, especially in high-risk areas



The international dimensions of research security



# **Information for RoRS FY25**

#### **EAGERs**

- to support exploratory work in its early stages on untested, but potentially transformative, research ideas or approaches.
- "high risk-high payoff", e.g., involves radically different approaches, applies new expertise, and/or engages novel disciplinary or interdisciplinary perspectives.
- Maximum of 8 pages; \$300K; up to 2 years (PAPPG 24-1, pp II-47)

### **Planning Proposal**

- to support initial conceptualization, planning and collaboration activities that aim to formulate new and sound plans for large-scale projects in emerging research areas for future submission to an NSF program.
- Maximum of 8 pages; \$100K/year; up to 2 years (PAPPG 24-1, pp II-43)

#### **Workshops & Conferences**

 conferences in special areas of science and engineering that bring experts together to discuss recent research or education findings or to expose other researchers or students to new research and education techniques. (PAPPG 24-1, pp II-53)



# **Submission Guidance**

### **Prospective PIs are strongly encouraged to:**



Review NSF Research Security resources on the NSF website



Contact the cognizant RoRS program director(s) prior to submission



Develop a one-page concept paper



Prepare and submit proposals following the guidance in the NSF Proposal & Award Policies & Procedures Guide (PAPPG 24-1).





# Thank you.

**Contact:** 

Dean Evasius, devasius@nsf.gov Ellen McCallie, emccalli@nsf.gov

NSF Research Security Website: http://new.nsf.gov/research-security



### **Answering Your Questions: NSF Resources (1)**

### • NSF PAPPG 24-1 is the primary resource for questions related to

- Who can apply and preferences of who applies
- Budget limitations
- Budget categories, including Indirect Cost Rates
- International participation

### PD25-275Y funding opportunity

- Timeline
- Proposal categories
- Specific topics



### **Answering Your Questions: NSF Resources (2)**

### Research on Research Security Resources

- NSF Research on Research Security Resources website
- See links in PD25-275Y

### Keeping up with NSF

- NSF is reviewing proposals and making awards
- NSF Merit Review Criteria: Intellectual Merit & Broader Impacts
- Website: Updates on NSF Priorities





### **Questions?**

NSF Research Security Website: http://new.nsf.gov/research-security NSF PAPPG 24-1: https://www.nsf.gov/policies/pappg/24-1 NSF Priorities: https://www.nsf.gov/updates-on-priorities



