

Overview of Research Security

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Research Security Timeline



Cell Diagram of Research Security Bottom Line: Undue foreign influence takes advantage of the open U.S. research ecosystem **Rigor &** Reproducibility And Both SECURE **Values OPEN** Research **Ethics** Responsible **Conduct of** Research Research Integrity Research Security

Research Security by 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

- 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

SECURE <u>Safeguarding the Entire Community in</u> the U.S. <u>Research Ecosystem</u>



Mission:

Empower the research community to make security-informed decisions about research security concerns



Approach:

Providing information, developing tools, and providing services



Audience:

Universities, non-profit research institutions, and small and medium-sized businesses

Research On Research Security program (RORS)

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NSF seeks to fund research that will...



Identify and characterize attributes that distinguish research security from research integrity



Improve understanding of the nature, scale, and scope of research security risks



Provide insight into methods for identifying, mitigating, and preventing research security violations



Develop methodologies to assess the potential impact of research security threats on the U.S. economy, national security, and research enterprise

Research Security Training Modules

Research Security Training for the U.S. Research Community

- Four teams developed research security training frameworks and training modules
- Co-funded with National Institutes of Health, Department of Energy, and Department of Defense
- Available for all appropriate researchers, stakeholders, students, academics, research security experts and leaders, government agencies and national laboratories



Module Topics



