



Research Security and Responsible Internationalization

Presentation to COGR

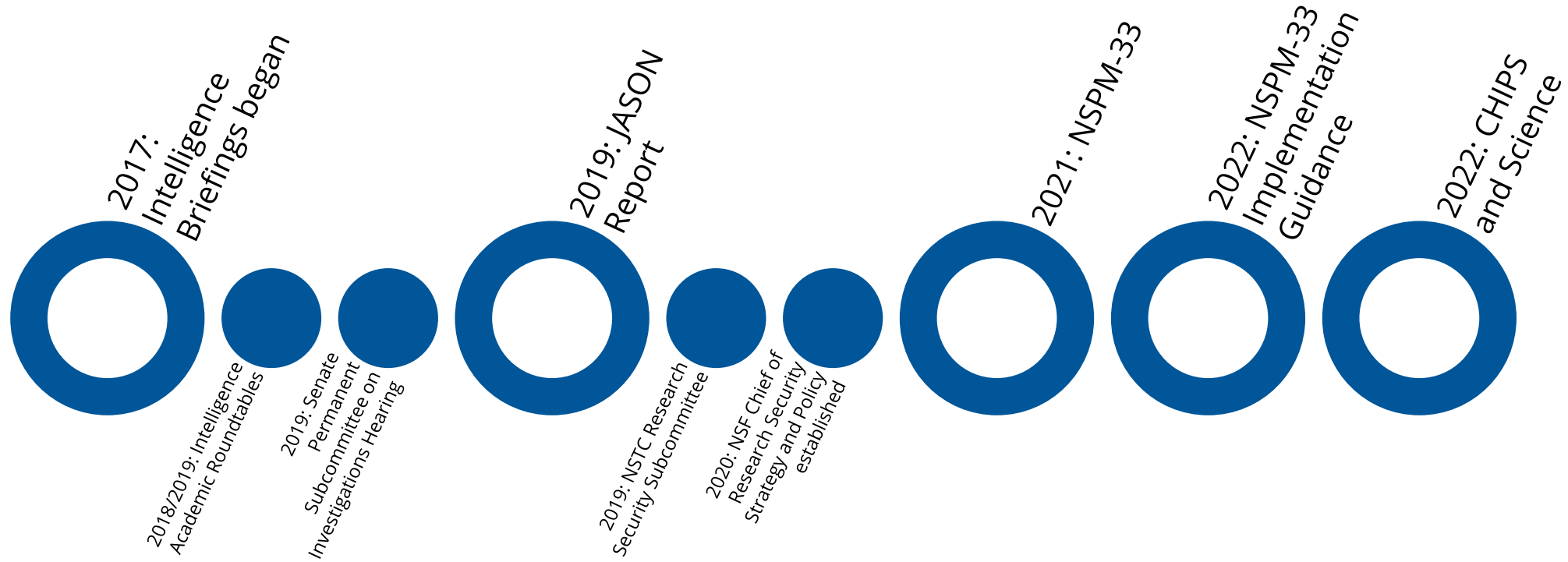
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Research Security Timeline



Status of NSPM-33 Implementation Guidance Efforts

- Harmonized disclosure formats
 - Adding definitions
- Research security training modules
- Research security program standards
 - Will have one year
- Digital Persistent Identifiers



CHIPS-plus-Science Act, Passed in August 2022

Several research security provisions including:

- Prohibition of malign foreign talent recruitment programs for federally funded researchers
- Requirement for NSF to establish a Research Security and Integrity Information Sharing and Analysis Organization
- Research security training requirement for all covered personnel on federal awards
- Inclusion of research security training as part of Responsible and Ethical Conduct of Research training
- Reporting (to NSF) on foreign financial transactions and gifts above \$50,000 associated with countries of concern
- Prohibition of Confucius Institutes



Malign Foreign Talent Program Definition in CHIPS + Science

Program, position or activity that requires an individual to take on the following:

- Unauthorized transfer of intellectual property or other nonpublic information;
- Recruit trainees or researchers to enroll in such program;
- Establishing a laboratory/employment/appointment in a foreign country in violation of terms and conditions of a Federal research award;
- Inability to terminate;



Malign Foreign Talent Program Definition in CHIPS + Science (cont.)

- Overcapacity/overlap/duplication;
- Mandatory to obtain research funding from the foreign government's entities;
- Omitting acknowledgement of U.S. home institution/funding agency;
- Not disclosing program participation;
- Conflict of interest/commitment; or
- Sponsored by a country of concern



CHIPS + Science Act: Risk Assessment Center Duties

- 1. Serve as a clearinghouse for information** to help enable the members and other entities in the research community to understand the context of their research and identify improper or illegal efforts by foreign entities to obtain research results, know how, materials, and intellectual property;
- 2. Develop a set of standard risk assessment frameworks and best practices,** relevant to the research community, to assess research security risks in different contexts;
- 3. Share information concerning security threats and lessons learned** from protection and response efforts through forums and other forms of communication;
- 4. Provide timely reports on research security risks** to provide situational awareness tailored to the research and STEM education community;



CHIPS + Science Act: Risk Assessment Center Duties (cont.)

- 5. Provide training and support**, including through webinars, for relevant faculty and staff employed by institutions of higher education on topics relevant to research security risks and response;
- 6. Enable standardized information gathering** and data compilation, storage, and analysis for compiled incident reports;
- 7. Support analysis of patterns of risk and identification** of bad actors and enhance the ability of members to prevent and respond to research security risks; and
- 8. Take other appropriate steps** to enhance research security.



