NSF SECURE Analytics

▶ *NSF SECURE Analytics will provide the research security community with data-driven insights and enhanced risk-informed due-diligence tools that will help safeguard the integrity of the research enterprise.*

ANALYZE. PROTECT. TRAIN.

NSF SECURE Analytics is the data collection, analysis and reporting hub for the SECURE (Safeguarding the Entire Community of the U.S. Research Ecosystem) program, an initiative funded by the U.S. National Science Foundation and authorized by the CHIPS & Science Act of 2022 to **train and enhance the research community's ability** to identify and analyze patterns of foreign interference in research; share information on research security risks; and engage in risk assessment, prevention, and mitigation practices.

Led by Texas A&M, in partnership with the Hoover Institution at Stanford and Parallax Advanced Research, NSF SECURE Analytics will deliver data, tools and resources to **enhance the research community's capacity** to pursue risk-informed

GOALS & OBJECTIVES

Build a dedicated team of geopolitical analysts, data engineers, and programmers who will:

▶ Develop **open-source datasets**, methodologies

▶ Analyze and report on patterns of research security risk, threat types, and malign actors

STRATEGIC DIRECTION & RESEARCH PRIORITIES

NSF SECURE Analytics will deliver:

▶ Large **qualitative and quantitative datasets** on publications, patents, government policies, and other relevant information

▶ AI-driven platforms to transform these datasets into actionable insights for the research community

▶ **Stakeholder training** on risk identification, assessment, and mitigation

▶ Empirical reports and advisories on risk in international collaboration

COLLABORATION & PARTNERSHIPS

NSF SECURE Center (led by University of Washington) and five **SECURE Regional Centers**

Research and Innovation Security & Competitiveness (**RISC**) Institute

Networks of subject matter experts

Beta testing program with Council on Governmental Relations (**COGR**)

Academic Security & Counter Exploitation (**ASCE**) Program

Opportunities for collaboration with research institutions

Discussion on potential partnerships

COGR   ASCE   RISC