Research Funding Opportunities

Organization: NSF  Solicitation Name: Disrupting Operations of Illicit Supply Networks Due Date: July 28, 2021  Summary: The Disrupting Operations of Illicit Supply Networks (D-ISN) Solicitation supports research projects that take a systems approach to advance fundamental understanding of how networks that traffic in illicit or illicitly-produced goods and services operate, leading to technological breakthroughs that bolster our ability to disable these networks. Major goals of NSF’s D-ISN Solicitation include: Improve understanding of the operations of illicit supply networks and strengthen the ability to detect, disrupt, and dismantle them. Support research on the illicit supply networks that fuel the national opioid epidemic. Enhance research communities that effectively integrate operational, computational, social, cultural and economic expertise to provide methods and strategies to combat this complex and elusive global security challenge. Catalyze game-changing technological innovations that can improve discovery and traceability of illicitly sourced product inputs. Provide research outcomes that inform U.S. national security, law enforcement and economic development needs and policies.  Link: [https://www.nsf.gov/pubs/2021/nsf21582/nsf21582.pdf](https://www.nsf.gov/pubs/2021/nsf21582/nsf21582.pdf)

Organization: NASA  Solicitation Name: ROSES 2021: Heliophysics Innovation in Technology and Science  Due Date: Open  Summary: This Heliophysics Innovation in Technology and Science (HITS) Program element solicits proposals that advance the goals and objectives of NASA Heliophysics by conducting outstanding, innovative or expeditious research that can be accomplished in one year. Science and/or Technological Investigations are solicited with this HITS program. These must be important and highly relevant research topics and opportunities that fit within one of the following types of activities: • Outstanding, innovative and novel ideas to advance Heliophysics research that can be accomplished in one year or the concept can be developed to the point that it is appropriate to be submitted to another ROSES element in a subsequent year. The Heliophysics Division anticipates that proposals will offer the possibility for major scientific breakthroughs and/or new approaches to gaining knowledge and understanding of the Heliophysics system. • Expeditious research activity to take advantage of a target of opportunity due to an unforeseen occasion in the Heliophysics system. Research proposals should have greater urgency for action involving unanticipated or unpredictable events that fall outside the norm. The proposal must include clear statements as to why the proposed research is of an urgent nature.  Link: [https://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=818451/solicitationId=%7B1964FA9E-5648-A6F2-B0BE-35BF0DEF580D%7D/viewSolicitationDocument=1/B.19%20HITS%20Amend%2018.pdf](https://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=818451/solicitationId=%7B1964FA9E-5648-A6F2-B0BE-35BF0DEF580D%7D/viewSolicitationDocument=1/B.19%20HITS%20Amend%2018.pdf)

Organization: DoD  Solicitation Name: Minerva Initiative Due Date: White Paper June 23, 2021 Full September 29, 2021 Summary: The Minerva Research Initiative (Minerva) emphasizes questions of strategic importance to U.S. national security policy. It seeks to increase the Department’s intellectual capital in the social sciences and improve its ability to address future challenges and build bridges between the Department and the social science community. Minerva brings together universities and other research institutions around the world and supports multidisciplinary and cross-institutional projects addressing specific interest areas determined by the Department of Defense. The Minerva program aims to promote research in specific areas of social science and to promote a candid and constructive relationship between DoD and the social science academic community.

The Minerva Research Initiative competition is for research related to nine (9) topics listed below. Innovative white papers and proposals related to these research areas are highly encouraged. Detailed descriptions of the
interest areas—which are intended to provide a frame of reference and are not meant to be restrictive—can be found in Section IX, “Minerva Topics.”

**Topic 1: Social Implications of Environmental Change**
**Topic 2: Resource Competition, Social Cohesion, and Strategic Climate Resilience**
**Topic 3: Security Risks in Ungoverned, Semi-Governed, and Differently-Governed Spaces**
**Topic 4: Analysis of Foreign Influence Operations in Cross-Cultural Perspective**
**Topic 5: Community Studies on Online and Offline Influence**
**Topic 6: Computational Social Science Research on Difficult-to-Access Environments**
**Topic 7: Social and Cultural Implications of Artificial Intelligence**
**Topic 8: Humans and Outer Space**
**Topic 9: Management and Information in the Defense Environment**

Proposals will be considered both for single-investigator awards as well as larger teams. A team of university investigators may be warranted because the necessary expertise in addressing the multiple facets of the interest areas may reside in different universities, or in different departments of the same university. The research questions addressed should extend across a fairly broad range of linked issues where there is clear potential synergy among the contributions of the distinct disciplines represented on the team. Team proposals must name only one Principal Investigator as the responsible technical point of contact. Similarly, one institution will be the primary recipient for the purpose of award execution. The relationship among participating institutions and their respective roles, as well as the apportionment of funds including sub-awards, if any, must be described in both the proposal text and the budget. As well, the basic research contribution of the project must be clearly described in the proposal text. Link: [https://www.grants.gov/web/grants/view-opportunity.html?oppId=333371](https://www.grants.gov/web/grants/view-opportunity.html?oppId=333371)

**USU ENG Faculty**

*If you are searching for a specific area to fund, please contact me. I will identify potential funding opportunities related to your topic.*