SCIENCE/TECHNOLOGY/ENGINEERING/MATH 6-25-2024

**FUNDING OPPORTUNITY:**

Adaptive Fusion, and Reasoning of Multi-Source Data (AFAR)

**FON:**

A875023S7008

**AGENCY:**

Defense

**ITEM:**

​Notice seeking proposals for innovative approaches for the fusion, analysis and reasoning of multi-source data to advance their analytical operations in support of their Command, Control, Communications, Computers and Intelligence (C4I) and Cyber Science mission. This announcement is comprised of three research areas: (A) Adaptive Knowledge and Information for Target Analysis (AKITA), (B) Enhancing Moving Target Engagement at Scale (EMoTES) and (C) Publicly Available Information (PAI) Ensemble Fusion (PEF), where each has research areas that taken together comprise the focus of AFAR research and development.

**ACTION:**

​Required white papers are due July 15, 2024. An estimated $8.3 million is available to fund multiple awards.

**LINKS:**

[Contract Opportunities](https://sam.gov/opp/f66e99e5063b4be7bd5eb683c0fdb6f5/view)

**CONTACT:**

John Spina, 315-330-4032. Email: john.spina@us.af.mil

**FUNDING OPPORTUNITY:**

Graduate Research Innovation (GRIN) Award

**FON:**

FA-NOFO0025-001

**AGENCY:**

Interior

**ITEM:**

​Notice seeking proposals to enhance student exposure to the management and policy relevance of their research to achieve beneficial outcomes of funded work. The Joint Fire Science Program (JFSP) invites current master and doctoral students enrolled at colleges or universities within the US in the field of wildland fire and related physical, biological, and social sciences to apply for a Graduate Research Innovation (GRIN) award.

**ACTION:**

​Proposals are due September 19, 2024. An estimated $300,000 to $500,000 is available to fund up to 10 to 25 awards.

**LINKS:**

[Grants.gov](https://www.grants.gov/search-results-detail/355041)
[Solicitation](https://www.firescience.gov/ords/prd/jf_jfsp/jf_jfsp/r/jfspublic/jfsp-funding-announcements1?session=3380286328972)

**CONTACT:**

​Patricia Glass, 801-539-4194, Email: pglass@blm.gov

**FUNDING OPPORTUNITY:**

Methane Emissions Reduction Program Oil and Gas Methane Monitoring and Mitigation

**FON:**

DE-FOA-0003256

**AGENCY:**

Energy

**ITEM:**

​Notice seeking applicants to address and quantify methane emissions, across various parts of the fuel supply chain. Proposed projects and solution strategies should focus on the mitigating methane emissions, accellerating commercialization, scale-up, and application of innovative reduction technologies, and advance the reduction of methane emission through data collection and analysis.

**ACTION:**

Proposals are due August 26, 2024. An estimated $850 million is available to fund up to 38 awards.

**LINKS:**

[Grants.gov](https://grants.gov/search-results-detail/355075)

**CONTACT:**

​John R. Hatfield, Email: john.hatfield@netl.doe.gov

**FUNDING OPPORTUNITY:**

TTO Office Wide (OW) BAA

**FON:**

HR001124S0023

**AGENCY:**

Defense

**ITEM:**

​Notice seeking proposals that enhance the nation’s ability to rapidly build, adapt and sustain force structures with the following focus areas: Platform Innovation, Missionized Autonomy, Managing Complexity, Freedom’s Forge 2.0, and Disruptive Emergent Technology.

**ACTION:**

​Proposals will be accepted until June 20, 2025. Executive Summaries are encouraged and due by April 19, 2025. Multiple awards are anticipated.

**LINKS:**

[Grants.gov](https://www.grants.gov/search-results-detail/355046)
[Contract Opportunities](https://sam.gov/opp/03c6a0ca7eea42b3af6a1322a8002576/view)
[Agency Site](https://www.darpa.mil/about-us/offices/tto)

**CONTACT:**

​BAA Coordinator, Email: HR001124S0023@darpa.mil

**NOTICE:**

FY24 Naval Air Warfare Center Aircraft Division Office-wide Broad Agency Announcement

**FON:**

N00421-24-S-0001

**AGENCY:**

Defense

**ITEM:**

​Notice seeking white papers for research and development projects which potentially advance and improve Naval Air Warfare Center Aircraft Division (NAWCAD) operations. Areas of interest include: aeromechanics; artificial intelligence and machine learning; avionics, sensors, and electronic warfare; cyber systems and security; data science and visualization; digital engineering; human systems; hypersonic systems; materials and aircraft structures; mechanical systems; power and propulsion systems; quantum; secure communications and networks; support equipment; test and evaluation engineering; and warfare analysis.

**ACTION:**

Responses are due by June 20, 2025.

**LINKS:**

[Grants.gov](https://grants.gov/search-results-detail/355077)
[Contract Opportunities](https://sam.gov/opp/b80b7e4deceb48598bf64cfa9151d0e6/view)

**CONTACT:**

​Email: NAWCAD-Academia-BAA@us.navy.mil

SCIENCE/TECHNOLOGY/ENGINEERING/MATH 6-21-2024

**FUNDING OPPORTUNITY:**

Army Rapid Capabilities And Critical Technologies Office (RCCTO) Broad Agency Announcement (BAA)

**FON:**

W50RAJ24S0001

**AGENCY:**

Defense

**ITEM:**

​Notice seeking proposals to improve the speed of technology and capability delivery to enable the Army's implementation of the National Defense Strategy and Army Vision. It will rapidly and efficiently research, develop, prototype, test, evaluate, procure, transition, and/or field critical enabling technologies and capabilities that address near-term and mid-term threats.

**ACTION:**

​Required white papers are due any time until June 18, 2029. Multiple awards are anticipated.

**LINKS:**

[Contract Opportunities](https://sam.gov/opp/524a6a1bd5ee4f93b5f26b5ee1b4e1ef/view)

**CONTACT:**

​Hillary Roy, 256-336-6328. Email: hillary.s.roy.civ@army.mil

**FUNDING OPPORTUNITY:**

FY24 Bipartisan Infrastructure Law Coastal Zone Management Habitat Protection and Restoration Competition

**FON:**

NOAA-NOS-OCM-2024-27096

**AGENCY:**

Commerce

**ITEM:**

​Notice seeking proposals to reduce the impacts of climate change. A key pillar is resilience to climate change and its impacts, throughout our communities and ecosystems. Specifically, this NOFO seeks projects that enhance coastal resilience. Coastal areas support the nation’s largest and often fastest-growing population centers as well as key natural assets.

**ACTION:**

​Required Letters of Intent are due August 15, 2024. An estimated $44.6 million is available to fund up to 25 awards.

**LINKS:**

[Grants.gov](https://www.grants.gov/search-results-detail/355006)

**CONTACT:**

Email: ocm.czm.infrastructure@noaa.gov

**FUNDING OPPORTUNITY:**

FY24 Bipartisan Infrastructure Law National Estuarine Research Reserve System Habitat Protection and Restoration Competition

**FON:**

NOAA-NOS-OCM-2024-27098

**AGENCY:**

Commerce

**ITEM:**

​Notice seeking proposals to reduce the impacts of climate change. A key pillar is resilience to climate change and its impacts, throughout our communities and ecosystems.

**ACTION:**

​Required Letters of Intent are due August 15, 2024. An estimated $13.5 million is available to fund up to 25 awards.

**LINKS:**

[Grants.gov](https://www.grants.gov/search-results-detail/355005)

**CONTACT:**

Office for Coastal Management,
Email: ocm.nerrs.infrastructure@noaa.gov

**MEETING:**

21st Century Energy Workforce Advisory Board

**FON:**

**AGENCY:**

Energy

**ITEM:**

​Notice announcing a meeting of the 21st Century Energy Workforce Advisory Board. The purpose is developing a strategy for the Department of Energy (DOE) to support and develop a skilled energy workforce to meet the changing needs of the U.S. energy system.

**ACTION:**

​The meeting will be held Tuesday, July 9, 2024; 12 to 12:30 p.m. EDT. The meeting will be held virtually.

**LINKS:**

[Grants.gov](https://www.federalregister.gov/documents/2024/06/17/2024-13234/21st-century-energy-workforce-advisory-board)
[Agency Site](https://www.energy.gov/policy/21st-century-energy-workforce-advisory-board-ewab)

**CONTACT:**

​Maya Goodwin, 240-597-8804. Email: EWAB@hq.doe.gov

SCIENCE/TECHNOLOGY/ENGINEERING/MATH 6-18-2024

**FUNDING OPPORTUNITY:**

Broad-Spectrum Antagonists For Editors (B-SAFE)

**FON:**

HR001124S0032

**AGENCY:**

Defense

**ITEM:**

​Notice seeking proposals to identify and optimize novel molecules that exhibit inhibitory effects on Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR)-CRISPR associated proteins (CRISPR-Cas) gene editing processes.

**ACTION:**

​Proposals are due August 12, 2024. Multiple awards are anticipated.

**LINKS:**

[Grants.gov](https://www.grants.gov/search-results-detail/354978)
[Contract Opportunities](https://sam.gov/opp/5f73920279b745a491b865013ad749c8/view)

**CONTACT:**

​BAA Coordinator, Email: BSAFE@darpa.mil

**MEETING:**

Aeronautics Committee

**FON:**

**AGENCY:**

National Aeronautics and Space Administration

**ITEM:**

​Notice announcing a meeting of the Aeronautics Committee of the NASA Advisory Council. The purpose of the meeting is to solicit from the aeronautics community research and technical information relevant to program planning.

**ACTION:**

​The meeting will be held Wednesday, June 26, 2024, 9 a.m. to 3:30 p.m., central time. The meeting will be held virtually.

**LINKS:**

[Federal Register](https://www.federalregister.gov/documents/2024/06/13/2024-13006/nasa-advisory-council-aeronautics-committee-meeting)
[Agency Site](https://www.nasa.gov/nasa-advisory-council-aeronautics-committee/)

**CONTACT:**

​Irma Rodriguez, 202-358-0984. Email: irma.c.rodriguez@nasa.gov

**MEETING:**

NASA Planetary Science Advisory Committee

**FON:**

**AGENCY:**

National Aeronautics and Space Administration

**ITEM:**

​Notice announcing a meeting of the Planetary Science Advisory Committee. The purpose of the meeting is to solicit from the scientific community scientific and technical information relevant to program planning.

**ACTION:**

​The meeting will be held July 9-11, 2024 from 10 a.m. to 6 p.m. ET. The meeting will be virtual.

**LINKS:**

[Federal Register](https://www.federalregister.gov/documents/2024/06/13/2024-13007/nasa-planetary-science-advisory-committee-meeting)

**CONTACT:**

​KarShelia Kinard, 202-358-2355. Email: karshelia.kinard@nasa.gov

SCIENCE/TECHNOLOGY/ENGINEERING/MATH 6-14-2024

**FUNDING OPPORTUNITY:**

Automated Prediction Aided by Quantized Simulators (APAQuS)

**FON:**

DARPA-PA-23-03-13

**AGENCY:**

Defense

**ITEM:**

​Notice seeking proposals to combine parallel developments in the realization of widely tunable tabletop turbulence simulators and data-informed modeling techniques to demonstrate disruptive routes to ML-based predictive modeling and the automated discovery of universal principles that govern turbulent phenomenology. This is a Disruption Opportunity Announcement.

**ACTION:**

​Proposals are due July 25, 2024. The maximum awards value is $2 million.

**LINKS:**

[Contract Opportunities](https://sam.gov/opp/d50c14eb2b184bb5bd69a51b8669a070/view)

**CONTACT:**

​Mukund Vengalattore, Email: APAQuS@darpa.mil

**FUNDING OPPORTUNITY:**

C4ISR, Information Operations, Cyberspace Operations and Information Technology System Research, Cryogenics and Quantum Broad Agency Announcement (BAA)

**FON:**

N66001-24-S-4702

**AGENCY:**

Defense

**ITEM:**

​Notice seeking proposals to investigate unique and innovative approaches for defining and developing next generation integratable C4ISR capabilities and command suites.

**ACTION:**

​White papers and proposals are due any time until June 10, 2025. Multiple awards are anticipated.

**LINKS:**

[Grants.gov](https://www.grants.gov/search-results-detail/354824)
[Contract Opportunities](https://sam.gov/opp/7e6542f8c536430ea1fda5867cc6c9ce/view)

**CONTACT:**

David Roden, Email: david.m.roden2.civ@us.navy.mil

**FUNDING OPPORTUNITY:**

Defense Applications of Innovative Remote Sensing (DAIRS)

**FON:**

DARPA-PA-23-03-11

**AGENCY:**

Defense

**ITEM:**

​Notice seeking proposals to xplore the following hypothesis: processing relevant data sets with the non-traditional methods described above will enable systems that: a) provide completely passive radar and remote sensing capabilities using indigenous noise that inherently exists in the environment; b) select signals that propagate via the preferred, stable surface wave path while simultaneously rejecting signals received via disturbed ionospheric paths, thereby mitigating spread clutter; and c) enable the generation of watercraft features and provide approaches for
classification.

**ACTION:**

​Proposals are due July 10, 2024. The maximum award value is $2 million.

**LINKS:**

[Contract Opportunities](https://sam.gov/opp/9e3ce0e36e314855b72d091b9017742e/view)

**CONTACT:**

​Frank Robey, Email: DAIRS@darpa.mil

**FUNDING OPPORTUNITY:**

Early Career Faculty (ECF)

**FON:**

NNH24ZTR001N-24ECF-B1

**AGENCY:**

National Aeronautics and Space Administration

**ITEM:**

​Notice seeking proposals to tap into that talent base, challenging early-career faculty to examine the theoretical feasibility of new ideas and approaches that are critical to making science, space travel, and space exploration more effective, affordable, and sustainable.

**ACTION:**

​Mandatory preliminary proposals are due July 15, 2024. The maximum amount for awards is $750,000. 10 awards are anticipated.

**LINKS:**

[Grants.gov](https://www.grants.gov/search-results-detail/354906)
[Solicitation](https://nspires.nasaprs.com/external/solicitations/summary.do?solId=%7b2A3B6526-0CD7-06FF-38C9-9828AC80E069%7d&path=&method=init)
[Contract Opportunities](https://sam.gov/opp/c3e86c0a070b4cbc9c328daa66c986ad/view)

**CONTACT:**

​Matthew Deans, Email: hq-ecf-call@mail.nasa.gov

**FUNDING OPPORTUNITY:**

Geothermal Resources’ Value In Implementing Decarbonization (GRID)

**FON:**

DE-FOA-0003346

**AGENCY:**

Energy

**ITEM:**

​Notice seeking proposals to address the potential contribution of geothermal power in supporting an equitable transition to a future decarbonized grid.

**ACTION:**

​Required Letters of Intent are due July 24, 2024. An estimated $7 million is available to fund up to 14 awards. Cost sharing of at least 20 percent is required.

**LINKS:**

[Grants.gov](https://www.grants.gov/search-results-detail/354909)
[Solicitation](https://eere-exchange.energy.gov/#FoaId9914fbf9-3237-4894-a7b7-cfe80a302950)

**CONTACT:**

​Email: Value.of.Geothermal@ee.doe.gov

**MEETING:**

Office of Naval Research Code 35 Air Warfare & Weapons Focus Area Forum Research for the Naval Domain

**FON:**

N0001424SBC09

**AGENCY:**

Defense

**ITEM:**

​Notice seeking proposals to support the Navy’s air warfare and weapons needs, fostering the technology development of naval aviation platforms, kinetic weapons, directed energy and electric weapons.

**ACTION:**

​The forum will be held July 11, 2024 from 900 a.m. to 4:00 p.m. EDT at the Hyatt Regency Crystal City, 2799 Richmond Highway, Arlington, VA. Advanced registrations are due by July 8, 2024 at <https://forms.osi.apps.mil/r/7V9GSjLr1G>. Proposals are due January 31, 2025. White papers are recommended and due June 21, 2024.

**LINKS:**

[Grants.gov](https://www.grants.gov/search-results-detail/354842)
[Contract Opportunities](https://sam.gov/opp/6c7ee345c3e742e0acf5013e497b71ce/view)

**CONTACT:**

James Farnsworth, Email: james.e.farnsworth8.civ@us.navy.mil

SCIENCE/TECHNOLOGY/ENGINEERING/MATH 6-11-2024

**FUNDING OPPORTUNITY:**

Fiscal Year 2024 Solar Energy Supply Chain Incubator FOA

**FON:**

DE-FOA-0003289

**AGENCY:**

Energy

**ITEM:**

​Notice seeking proposals to provide early-stage assistance to help start-up companies cross technological barriers to commercialization, while encouraging private sector investment.

**ACTION:**

​Required Concept papers are due July 19, 2024. An estimated $38 million is available to fund 11 to 23 awards. Colleges and universities are eligible to partner.

**LINKS:**

[Grants.gov](https://www.grants.gov/search-results-detail/354748)
[Solicitation](https://eere-exchange.energy.gov/Default.aspx#FoaId67d668d9-160a-447c-9549-f01a632f8623)

**CONTACT:**

​Email: solar.incubator@ee.doe.gov

**FUNDING OPPORTUNITY:**

ROSES 2024: Mentorship and Opportunities in STEM with Academic Institutions for Community Success (MOSAICS) Seed Funding

**FON:**

NNH24ZDA001N-MSF

**AGENCY:**

National Aeronautics and Space Administration

**ITEM:**

​Notice seeking proposals to support engagement and partnering between faculty and students at under-resourced institutions (URIs) to carry out NASA-relevant research.

**ACTION:**

​Proposals are due at any time until March 28, 2025. An estimated $1.2 million is available to fund 8 to 12 awards.

**LINKS:**

[Grants.gov](https://www.grants.gov/search-results-detail/354774)
[Solicitation](https://nspires.nasaprs.com/external/solicitations/summary.do?solId=%7bB9C94DB4-E679-3CAA-398D-830387955F4D%7d&path=&method=init)

**CONTACT:**

​Patricia T. (Padi) Boyd, Email: hq-smd-bridge@mail.nasa.gov

SCIENCE/TECHNOLOGY/ENGINEERING/MATH 6-4-2024

FUNDING OPPORTUNITY:

Enhancing Quantum Sensor Technologies with Rydberg Atoms (EQSTRA)

FON:

HR001124S0031

AGENCY:

Defense

ITEM:

​Notice seeking proposals that significantly advance the performance, capabilities and the Technology Readiness Level (TRL) of atomic vapor sensors for electric field sensing, imaging, communications, and quantum information science (QIS).

ACTION:

​Proposals are due July 30, 2024. Multiple awards are anticipated.

LINKS:

[Grants.gov](https://www.grants.gov/search-results-detail/354656)
[Contract Opportunities](https://sam.gov/opp/c56228ff6cca422290356fdb404cdc8e/view)

CONTACT:

​BAA Coordinator, Email: EQSTRA@darpa.mil

FUNDING OPPORTUNITY:

Fiscal Year 2024 Nuclear Forensics Research Award (NFRA)

FON:

DHS-24-CWMD-130-NFRA-001

AGENCY:

Homeland Security

ITEM:

​Notice seeking proposals to support the establishment of a team of faculty, students, and technical staff at the national or defense laboratories to conduct research in the field of nuclear forensics.

ACTION:

​Proposals are due August 14, 2024. An estimated $1.8 million is available to fund up to six awards.

LINKS:

[Grants.gov](https://www.grants.gov/search-results-detail/354608)

CONTACT:

Sandra Gogol, 202-527-3452. Email: Sandra.Gogol@hq.dhs.gov

FUNDING OPPORTUNITY:

NSF Small Business Innovation Research - Small Business Technology Transfer Phase I Programs

FON:

24-579

AGENCY:

National Science Foundation

ITEM:

​Notice seeking proposals to provide non-dilutive funds for use-inspired research and development (R&D) of unproven, leading-edge, technology innovations that address societal challenges.

ACTION:

​Proposals are due September 4, 2024 and November 6, 2024. An estimated $72 million is available to fund up to 235 SBIR Phase 1 awards. An estimated $15 million is available to fund 45 to 50 awards.

LINKS:

[Grants.gov](https://www.grants.gov/search-results-detail/354632)
[Agency Site](https://new.nsf.gov/funding/opportunities/nsf-small-business-innovation-research-small-0)

CONTACT:

​NSF SBIR/STTR, 703-292-5111. Email: sbir@nsf.gov