



Updated Monthly

March 9, 2023

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THE ESSENTIAL GUIDE TO


# Non-Dilutive Government Funding

Published by:



## Questions?

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## GBG Report

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**March 17, 2023** – Join us for G2G’s Monthly [Non-Dilutive Funding: GBG Reporting Service Webinar](#) at 10-10:30am EST (FREE and open to all) then from 10:30-11am EST (premium service and private consultation for G2G and GBG customers).

**MHSRS Call for Abstracts** closed on March 3, 2023. If you missed the webinar where G2G shared insights into successfully submitting an abstract and tips on navigating and engaging with DoD and other government funding collaborators, you can watch it [here](#).

	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>AGING (3)</b>		
1.	<p>Comparative Research on/Networking/Infrastructure Project for Determinants of Differences Among Human and Nonhuman Primate Species in Life Spans, Life Histories, and Other Aging-Related Outcomes, and Prospects for Translation (R01/R61/R33 Clinical Trial Not Allowed) (NIH/NIA)</p> <p>RFA-AG-24-019 (R01) RFA-AG-24-020 (R61/R33)</p>	<p>These FOAs invite applications for comparative studies of human and nonhuman primate species with differing life spans to identify factors whose cross-species variation may contribute to differences in species life span and health span, and proposals to establish and conduct a networking and infrastructure project to enhance those studies.</p> <p><a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-AG-24-019.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-AG-24-019.html</a> (R01) <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-AG-24-020.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-AG-24-020.html</a> (R61/R33)</p>	<p>Dependent upon proposal, for up to 5 years (R01) Up to \$600,000 per year, for up to 2 years (R61) Up to \$900,000 per year, for up to 3 years (R33)</p>	<p>Letter of intent: 8/13/23 Proposal: 9/27/23</p>
2.	<p>2023 NIA Start-Up Challenge and Accelerator: Fostering Entrepreneurial Diversity (NIH/NIA)</p>	<p>This Challenge invites submissions from researchers and entrepreneurs with a demonstrated need for entrepreneurial training and resources, who have innovative ideas for science-driven technologies and products that have the potential to increase the diversity of NIA-funded small business research and development.</p> <p><a href="https://www.challenge.gov/?challenge=2023-nia-start-up-challenge-and-accelerator">https://www.challenge.gov/?challenge=2023-nia-start-up-challenge-and-accelerator</a></p>	<p>Up to \$60,000</p>	<p>Proposal: 4/20/23</p>

	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>AUTISM (3)</b>		
3.	FY23 Autism Research Program (ARP) (DoD/CDMRP)  <a href="#">HT9425-23-ARP-CDA</a> <a href="#">HT9425-23-ARP-CTA</a> <a href="#">HT9425-23-ARP-IDA</a>	The ARP supports research of exceptional scientific merit and innovation with high impact that focuses on autism spectrum disorders (ASD). There are three awards: Career Development, Clinical Trial, and Idea Development. <a href="https://cdmrp.health.mil/funding/arp">https://cdmrp.health.mil/funding/arp</a>	Up to \$2.2 million, for up to 4 years Dependent upon award mechanism	Pre-Application: 4/19/23 Proposal: 7/20/23
		<b>BEHAVIORAL SCIENCE (1)</b>		
4.	U.S. Army Research Institute for the Behavioral and Social Sciences Broad Agency Announcement for Basic Research (Fiscal Year 2024) (DoD/Army)  <a href="#">W911NF-23-S-0009</a>	ARI strongly encourages Applicants to propose novel, state-of-the-art, and multidisciplinary approaches that address the stated primary research objectives of the topic areas. The Basic Research program employs four strategic focus areas for advancing science: Science of Measurement of Individuals and Collectives; Understanding Multilevel and Organizational Dynamics; Formal/Informal Learning and Development; and Context of Behavior in Military Environments. <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppld=346503">https://www.grants.gov/web/grants/view-opportunity.html?oppld=346503</a>	Dependent upon proposal and award mechanism	White paper: 3/31/23 Proposal: 7/15/23
		<b>BIOTECHNOLOGY AND BIOMANUFACTURING (4)</b>		
5.	Biosimilar User Fee Act (BsUFA) Research Grant (U01) Clinical Trials Optional  (FDA/CDER)  <a href="#">RFA-FD-23-026</a>	The purpose of this FOA is to address a diversity of topics related to improving the efficiency of biosimilar product development and advancing the development of interchangeable products. The scope should aim to focus on the following: 1) Increasing the accuracy and capability of analytical characterizations and chemistry, manufacturing, and controls (CMC); 2) Developing alternatives to and/or reducing the size of studies involving human subjects. <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-FD-23-026.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-FD-23-026.html</a>	Up to \$1 million per year, for up to 2 years	Proposal: 4/27/23
6.	Communications, Circuits, and Sensing-Systems (NSF)  <a href="#">PD-18-7564</a>	CCSS invests in micro- and nano-electromechanical systems (MEMS/NEMS), physical, chemical, and biological sensing systems, neurotechnologies, and communication & sensing circuits and systems. Dynamic Bio-Sensing Systems include MEMS/NEMS; Chemical, Biological, and Physical Diagnostics; Sensors, Actuators, and Electronic Interfaces; Ultra-Low Power Wearable and Implantable Sensing Systems; Dynamic-data-enabled Reconfigurable Sensing Systems; Personalized Health Monitoring Systems; and Neuroengineering and Brain-Inspired Concepts and Designs. <a href="https://beta.nsf.gov/funding/opportunities/communications-circuits-sensing-systems-ccss-0">https://beta.nsf.gov/funding/opportunities/communications-circuits-sensing-systems-ccss-0</a>	Dependent upon proposal and available funding	Proposals accepted anytime



	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>BIOTECHNOLOGY AND BIOMANUFACTURING</b>		
7.	BioMADE Project Call: Technology & Innovation (BioMADE)	This Project Call solicits BioMADE members for proposals that directly address R&D priorities that will have a direct impact on addressing three Roadmap-aligned focus areas. Focus Areas: Downscaling Infrastructure for Improved Prediction of Performance; Properties of Bioproducts and Common Impurities; Co-Funding/Co-Development of LCAs. <a href="https://www.biomade.org/news/project-call-3">https://www.biomade.org/news/project-call-3</a>	Dependent upon proposal, for up to 2 years Cost matching required	Proposal: 4/5/23
8.	Biomedical Technology Optimization and Dissemination Center (BTOD)(RM1-Clinical Trial Not Allowed) (NIH/NIGMS)  PAR-23-110	This FOA encourages applications for NIGMS BTOD Centers to support late-stage technology optimization and sustainable dissemination of the technology to the wider biomedical research community. Appropriate technologies may be drawn from the full range of NIGMS-supported research areas including biomedical workforce training, bioanalytical chemistry, biostatistics, chemistry and chemical biology, data science, imaging tools and analysis, sepsis, and single cell technologies. <a href="https://grants.nih.gov/grants/guide/pa-files/PA-23-110.html">https://grants.nih.gov/grants/guide/pa-files/PA-23-110.html</a>	Up to \$850,000 per year, for up to 5 years	Proposal: 5/26/23
		<b>BONE MARROW FAILURE (2)</b>		
9.	Pre-Announcement: FY23 Bone Marrow Failure Research Program (DoD/CDMRP)	Applications submitted to the FY23 BMFRP must address one or more of the following Focus Areas: Understand the causes and progression of bone marrow failure (BMF) diseases; Find effective BMF treatments and cures. Two awards are anticipated: Idea Development Award and Investigator-Initiated Research Award (IIRA). <a href="https://cdmrp.health.mil/pubs/press/2023/23bmfrppreann">https://cdmrp.health.mil/pubs/press/2023/23bmfrppreann</a>	Up to \$850,000, for up to 3 years Dependent upon proposal and award mechanism	TBD
		<b>CANCER (28)</b>		
10.	FY23 Lung Cancer Research Program (DoD/CDMRP)  HT9425-23-LCRP-CDA HT9425-23-LCRP-CA HT9425-23-LCRP-IDA HT9425-23-LCRP-TRA	Applications submitted to the FY23 LCRP must address one or more of the following Areas of Emphasis: Biology and Etiology; Prevention; Detection, Diagnosis, and Surveillance; Treatment and Prognosis; Health Outcomes and Survivorship; Disparities. The four mechanisms are: Concept Award, Career Development Award, Idea Development Award, and Translational Research Award. <a href="https://cdmrp.health.mil/funding/lcrp">https://cdmrp.health.mil/funding/lcrp</a>	Up to \$1.2 million, for up to 4 years Dependent upon award mechanism	Pre-Application: 5/2/23 Proposal: 5/23/23 (CDA/CA) Pre-Application: 5/10/23 Invited proposal: 8/3/23 (IDA/TRA)



	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>CANCER</b>		
11.	FY23 Ovarian Cancer Research Program (DoD/CDMRP)  HT9425-23-OCRP-IIRA HT9425-23-OCRP-OCA-ECI HT9425-23-OCRP-PA HT9425-23-OCRP-CTA HT9425-23-OCRP-CTRA	Applications submitted to the FY23 OCRP must address one or more of the following Areas of Emphasis: Understand the basic biology and etiology of ovarian cancer initiation, progression, metastasis, recurrence, genetics, proteogenomics and other critical events; Develop novel therapeutic strategies for treatment and prevention; Identify and develop new strategies for screening, early-stage detection, prevention, accurate diagnosis, and prognosis; Identify and implement strategies to improve the survivorship and quality of life; Address health disparities; Improve precision medicine. Five opportunities have been released; another one is anticipated. <a href="https://cdmrp.health.mil/funding/ocrp">https://cdmrp.health.mil/funding/ocrp</a>	Up to \$2 million, for up to 4 years Dependent upon award mechanism	Pre-Application: 4/17/23 Proposal: 7/21/23 (IIRA/OCA/PA) Pre-Application: 5/26/23 Proposal: 7/21/23 (CTA/CTRA)
12.	Pre-Announcement: FY23 Prostate Cancer Research Program (DoD/CDMRP)	The PCRP is interested in supporting research that addresses specific gaps in prostate cancer research and clinical care. All applications must address one or more of the <a href="#">FY23 PCRP Overarching Challenges</a> . Seven awards are anticipated: Data Science Award; Early Investigator Research Award; Exploration – Hypothesis Development Award; Health Disparity Research Award; Idea Development Award; Physician Research Award; and Translational Science Award. <a href="https://cdmrp.health.mil/pubs/press/2023/23pcrppreann">https://cdmrp.health.mil/pubs/press/2023/23pcrppreann</a>	Up to \$1 million, for up to 4 years Dependent upon award mechanism	TBD
13.	Pre-Announcement: FY23 Melanoma Research Program (DoD/CDMRP)	The MRP challenges the research community to prevent melanoma and redefine the concept of prevention to include improved detection and monitoring capabilities, as well as inhibiting the initiation of melanoma, early dissemination, the emergence from tumor dormancy, and the development of metastases. Five grant mechanisms are anticipated; applications must address one of the <a href="#">Focus Areas</a> . <a href="https://cdmrp.health.mil/pubs/press/2023/23mrppreann">https://cdmrp.health.mil/pubs/press/2023/23mrppreann</a>	Up to \$2 million, for up to 4 years Dependent upon award mechanism	TBD
14.	Cancer Grand Challenges (NIH/NCI/CRUK)	International teams, led by a PI at a research institution, are invited to apply for one of nine challenges: Aging and cancer; Cancer cell plasticity; Cancer inequities; Chemotherapy-induced neurotoxicities; Early-onset cancers; Obesity, physical activity and cancer; Retrotransposable elements; Solid tumours in children; and T-cell receptors. Collaborations with commercial entities are encouraged. <a href="https://cancergrandchallenges.org/new-challenges-2023">https://cancergrandchallenges.org/new-challenges-2023</a>	Total prizes of \$25 million	Expression of interest: 6/22/23 Invited proposal: 10/26/23





	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>CARDIOVASCULAR AND PULMONARY HEALTH (2)</b>		
15.	NOSI: Research Project Grants in Valvular Heart Disease (CAROL Act) (NIH/NHLBI)  NOT-HL-23-079	The CAROL Act explicitly encourages research using advanced imaging techniques and research on risk factors for sudden cardiac arrest or sudden cardiac death from valvular heart disease, most commonly associated with mitral valve prolapse (MVP). However, the Act also encourages research on valvular heart disease more broadly. <a href="https://grants.nih.gov/grants/guide/notice-files/NOT-HL-23-079.html">https://grants.nih.gov/grants/guide/notice-files/NOT-HL-23-079.html</a>	Dependent upon proposal and award mechanism	Multiple deadlines; NOSI open through 5/8/26
		<b>CENTRAL NERVOUS SYSTEM (4)</b>		
16.	Pre-Announcement: FY23 Spinal Cord Injury Research Program (DoD/CDMRP)	Applications submitted to the FY23 SCIRP must address one or more of the Focus Areas listed here: <a href="https://cdmrp.health.mil/pubs/press/2023/23scirppreann">https://cdmrp.health.mil/pubs/press/2023/23scirppreann</a> Four awards are anticipated: Clinical Trial Award, Clinical Translation Research Award, Translational Research Award, and Investigator-Initiated Award. <a href="https://cdmrp.health.mil/pubs/press/2023/23scirppreann">https://cdmrp.health.mil/pubs/press/2023/23scirppreann</a>	Up to \$3.1 million, for up to 4 years Dependent upon award mechanism	TBD
		<b>CHRONIC PAIN &amp; PAIN MANAGEMENT (2)</b>		
17.	Advancing Research on Mechanisms and Management of Pain for Diseases and Conditions within NIDDK Mission Areas (R01 Clinical Trial Optional) (NIH/NIDDK)  RFA-DK-23-006	The impact of pain on patient quality of life for diseases and conditions within the mission of the NIDDK is enormous. This FOA will address these needs through the invitation of broad investigator-initiated research projects proposing novel basic, translational, and clinical studies and efforts to develop new approaches to assess and treat pain for disorders within the NIDDK's mission. <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-DK-23-006.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-DK-23-006.html</a>	Dependent upon proposal, for up to 5 years	Letter of intent: 4/4/23 Proposal: 5/4/23
18.	Research Network to Promote Multidisciplinary Mechanistic and Translational Studies of Sickle Cell Disease Pain (U24, Clinical Trial Optional) (NIH/NCCIH)  RFA-AT-24-001	This FOA supports a Research Network that promotes multidisciplinary mechanistic and translational studies of SCD pain. This network is expected to develop compelling research frameworks and model systems that will support interdisciplinary collaborations; initiate pilot projects to test novel mechanistic hypotheses in the high-priority research areas listed below and develop novel technologies and methodologies to study pain in the organ(s) typically impacted by SCD. <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-AT-24-001.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-AT-24-001.html</a>	Up to \$600,000 per year, for up to 5 years	Letter of intent: 9/1/23 Proposal: 10/1/23



	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>CLIMATE CHANGE (1)</b>		
19.	Exploratory Grants for Climate Change and Health Research Center Development (P20 Clinical Trial Optional) (NIH)  RFA-ES-23-007	This program will support the development of a transdisciplinary research environment to sustain a program of fundamental and applied research to examine the impacts of climate change on health and to develop action-oriented solutions to protect the health of individuals, communities, and nations from the hazards posed by climate change.  <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-ES-23-007.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-ES-23-007.html</a>	Up to \$850,000 per year, for up to 3 years	Letter of intent: 4/1/23 Proposal: 5/1/23
		<b>COGNITIVE AND BRAIN HEALTH (2)</b>		
20.	Research Coordinating Center on the Exposome and ADRD: Elucidating the Role of Social and Behavioral Determinants of Health in AD/ADRD Etiology and Disparities (U24 CT Not Allowed) (NIH/NIA)  RFA-AG-24-011	This FOA invites applications that propose to establish a national coordinating center that will serve as a centralized hub for accessing, harmonizing, linking, and sharing environmental contextual data and individual exposure data with NIA/NIH-funded projects.  <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-AG-24-011.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-AG-24-011.html</a>	Up to \$5 million per year, for up to 5 years	Letter of intent: 8/27/23 Proposal: 9/27/23
21.	Using Multimodal Biomarkers to Differentially Diagnose ADRDs for Clinical Trials (U19 Clinical Trial Optional) (NIH/NINDS/NIA)  RFA-NS-24-001	The purpose of this FOA is to enable multi-site clinical validation of a multimodal set of neuroimaging and biospecimen biomarkers to use in clinical trials to differentially diagnosis two or more AD/ADRD in individuals presenting similarly clinically.  <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-NS-24-001.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-NS-24-001.html</a>	Up to \$4.7 million per year, for up to 5 years	Letter of intent: 5/1/23 Proposal: 6/1/23
		<b>COMBAT READINESS MEDICAL RESEARCH (2)</b>		
22.	Pre-Announcement: Fiscal Year 2023 USAMRDC Multi-Topic (MTEC)  MTEC-23-USAMRDC_Multi-Topic	The forthcoming RPP will be focused on the advancement of engineering and medical prototypes and knowledge products related to a broad range of medical technological needs identified in the Focus Areas listed <a href="#">here</a> . Focus areas include Sterilization, Hemostasis, Neurotrauma, Musculoskeletal Injury Prevention and Reduction, among others.  <a href="https://sam.gov/opp/6976ef04846440e48276545fe54926ca/view">https://sam.gov/opp/6976ef04846440e48276545fe54926ca/view</a>	Dependent upon proposal and award mechanism	TBD
23.	Pre-Announcement: FY23 Combat Readiness – Medical Research Program (DoD/CDMRP)	Applications submitted to the FY23 CRRP must address one or more of the following Focus Areas: Solutions to enhance combat care delivery through the far-forward environment; Wound care solutions for complex trauma and tissue regeneration that span the operational medical care continuum or roles of care; Solutions to enhance Warfighter readiness.  <a href="https://cdmrp.health.mil/pubs/press/2023/23crrppreann">https://cdmrp.health.mil/pubs/press/2023/23crrppreann</a>	Up to \$1.1 million, for up to 2 years	TBD





	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>CORONAVIRUS (6)</b>		
24.	NOSI: Enhancing Research on Deciphering Mechanisms of COVID-19-Associated Coagulopathy (NIH/NHLBI)  NOT-HL-23-080	This NOSI aims to accelerate a comprehensive understanding of the mechanisms of COVID-19-Associated Coagulopathy (CAC) which are provoked by vascular endothelial cell injury, hyperimmune responses, and hypercoagulability at genomic, molecular, and cellular levels. <a href="https://grants.nih.gov/grants/guide/notice-files/NOT-HL-23-080.html">https://grants.nih.gov/grants/guide/notice-files/NOT-HL-23-080.html</a>	Dependent upon proposal, for up to 5 years	Multiple deadlines; NOSI open through 7/6/25
25.	Pre-Announcement: Understanding Neurological Effects of COVID-19 and Post-Acute Sequelae of SARS-CoV-2 Infection (R01R21 Clinical Trial Optional) (NIH/NINDS/NIA/NIMH)  NOT-NS-23-068 (R01) NOT-NS-23-069 (R21)	These FOAs will invite applications focused on the neurological and neuropsychiatric manifestations of COVID-19 (neuro-COVID) and Post-Acute Sequelae of SARS-CoV-2 Infection (neuro-PASC) and on the effect of COVID-19 on pre-infection neurologic conditions. <a href="https://grants.nih.gov/grants/guide/notice-files/NOT-NS-23-068.html">https://grants.nih.gov/grants/guide/notice-files/NOT-NS-23-068.html</a> (R01) <a href="https://grants.nih.gov/grants/guide/notice-files/NOT-NS-23-069.html">https://grants.nih.gov/grants/guide/notice-files/NOT-NS-23-069.html</a> (R21)	TBD	Estimated post date: 3/31/23 Estimated proposal date: 6/2/23
26.	NOSI: NIDCR Support for Research on the Physiological Involvement of Oral Cavity in Coronavirus Disease 2019 (COVID-19) (NIH/NIDCR)  NOT-DE-23-004	This NOSI encourages research studies focused on the physiological involvement of oral cavity and oral manifestations related to SARS-CoV-2 and/or COVID-19. Outcomes from this NOSI are expected to strengthen the knowledge base of COVID-19 disease mechanisms and presentations in the oral cavity. <a href="https://grants.nih.gov/grants/guide/notice-files/NOT-DE-23-004.html">https://grants.nih.gov/grants/guide/notice-files/NOT-DE-23-004.html</a>	Dependent upon proposal and award mechanism	Multiple deadlines; NOSI open through 5/8/26
		<b>ENDOCRINE AND METABOLIC DISEASES (1)</b>		
27.	Small R01s for Clinical Trials Targeting Diseases within the Mission of NIDDK (R01 Clinical Trial Required) (NIH/NIDDK)  PAS-23-086	This FOA encourages the submission of pilot and feasibility clinical trials conducted in humans that will lay the foundation for larger clinical trials related to the prevention and/or treatment of diseases and conditions within the mission of NIDDK. <a href="https://grants.nih.gov/grants/guide/pa-files/PAS-23-086.html">https://grants.nih.gov/grants/guide/pa-files/PAS-23-086.html</a>	Up to \$200,000 per year, for up to 3 years	Proposal: 6/5/23



	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>GENOMICS (3)</b>		
28.	Plant Genome Research Program (PGRP) (NSF)  NSF 23-559	PGRP encourages the development of innovative tools, technologies and resources that empower a broad plant research community to answer scientific questions on a genome-wide scale. <a href="https://www.nsf.gov/pubs/2023/nsf23559/nsf23559.htm">https://www.nsf.gov/pubs/2023/nsf23559/nsf23559.htm</a>	Dependent upon proposal, award mechanism, and available funds	Proposals accepted anytime
29.	Genomics Centers for Infectious Diseases (U19 Clinical Trial Not Allowed) (NIH/NIAID)  RFA-AI-23-015	This renewal initiative will support GCIDs to advance the development and use of innovative genomic and bioinformatics tools with an emphasis on human pathogens and their interactions with the host and microbiome, and to rapidly respond to emerging needs, especially during disease outbreaks. <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-AI-23-015.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-AI-23-015.html</a>	Up to \$2.85 million per year, for up to 5 years	Letter of intent: 5/2/23 Proposal: 6/2/23
30.	Genomic Community Resources (U24 Clinical Trial Not Allowed) (NIH/NHGRI/NCI)  PAR-23-124	To facilitate genomic research and the dissemination of its products, NHGRI supports both new and existing genomic resources of demonstrated broad value to the research community. Awards under this FOA will support the development and distribution of high-value genomic resources valuable for both basic and clinical genomics research. <a href="https://grants.nih.gov/grants/guide/pa-files/PAR-23-124.html">https://grants.nih.gov/grants/guide/pa-files/PAR-23-124.html</a>	Dependent upon proposal, for up to 5 years	Letter of intent: 3/25/23 Proposal: 5/25/23
		<b>HEALTH IT (20)</b>		
31.	Education Activities for Responsible Analyses of Complex, Large-Scale Data (R25-Clinical Trial Not Allowed) (NIH/NIDA)  RFA-DA-24-027	This FOA encourages applications that seek to advance methodological rigor in biomedical and behavioral research by supporting training on the responsible analyses of complex, large-scale datasets involving brain, behavioral, genomic, and socioenvironmental data. <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-DA-24-027.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-DA-24-027.html</a>	Up to \$300,000 per year, for up to 3 years	Letter of intent: 1/8/24 Proposal: 2/8/24
32.	Maintaining and Enriching Environmental Epidemiology Cohorts to Support Scientific and Workforce Diversity (U24 Clinical Trial Not Allowed) (NIH/NIEHS)  RFA-ES-23-003	This FOA solicits applications that propose to: (1) support the maintenance and resource infrastructure enrichment of existing Environmental Epidemiology Cohorts (EECs) and to (2) enrich data management and data sharing activities to promote widespread data sharing and scientific collaborations, while strengthening scientific and workforce diversity in environmental health. <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-ES-23-003.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-ES-23-003.html</a>	Up to \$250,000, for up to 5 years	Letter of intent: 1/13/24 Proposal: 2/13/24



	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>HEALTH IT</b>		
33.	Leveraging Big Data Science to Elucidate the Mechanisms of HIV Activity and Interaction with Substance Use Disorder (R01/R21 Clinical Trials Not Allowed) (NIH/NIDA/NLM)  RFA-DA-24-008 (R01) RFA-DA-24-009 (R21)	These FOAs encourage research using data science and computational approaches to generate new insights into mechanisms and consequences of the interaction of HIV and addictive drugs. The development and application of novel computational, bioinformatic, statistical, and analytical approaches to mine big data sets will advance knowledge of the effects of addictive drugs on viral activity, latency, and disease progression, as well as new aspects of addiction biology. <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-DA-24-008.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-DA-24-008.html</a> (R01) <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-DA-24-009.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-DA-24-009.html</a> (R21)	Up to \$350,000, for up to 5 years (R01) Up to \$275,000, for up to 2 years (R21)	Letter of intent: 7/10/23 Proposal: 8/10/23
34.	Using Secondary Data Analysis to Determine Whether Preventive Interventions Implemented Earlier in Life Reduce Suicide Risk (U01 Clinical Trial Not Allowed) (NIH/NIMH)  RFA-MH-23-275	This FOA encourages research that will integrate and harmonize existing large prevention trial data sets. The data sets should consist of well-characterized participant-level data for interventions implemented earlier in life to examine whether they reduce risk for later suicide, related external injuries, and all-cause mortality. <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-MH-23-275.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-MH-23-275.html</a>	Dependent upon proposal, for up to 4 years	Letter of intent: 9/10/23 Proposal: 10/10/23
35.	Stroke Data Challenge (AHA)	The Get With The Guidelines-Stroke data challenge seeks proposals to advance the understanding of how social and structural determinants of health influence stroke presentation, care quality, and clinical outcomes. <a href="https://www.heart.org/en/professional/quality-improvement/quality-research-and-publications/stroke-data-challenge">https://www.heart.org/en/professional/quality-improvement/quality-research-and-publications/stroke-data-challenge</a>	Up to \$25,000	Proposal: 3/31/23
36.	SBIR E-Learning for HAZMAT and Emergency Response (R43/R44 Clinical Trial Not Allowed) (NIH/NIEHS)  RFA-ES-23-005	This FOA encourages applications that propose to further the development of Technology-enhanced training products for the health and safety training of workers who may deal with HAZMAT and biohazard materials. Technology-enhanced training products include supporting training through various venues such as online training, mobile device training, virtual reality, and serious gaming. <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-ES-23-005.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-ES-23-005.html</a>	Up to \$500,000, for up to 3 years	Letter of intent: 6/14/23 Proposal: 7/14/23
37.	NOSI: Advancing mHealth Interventions for Understanding and Preventing Alcohol-Related Domestic Violence (NIH/NIAAA)  NOT-AA-23-003	This solicitation seeks to advance the development, feasibility, acceptability, pilot testing, potential efficacy, and implementation of scalable, low resource, and remotely delivered interventions via mobile devices (mHealth) that rely on communication technologies for reducing and preventing alcohol consumption and DV. <a href="https://grants.nih.gov/grants/guide/notice-files/NOT-AA-23-003.html">https://grants.nih.gov/grants/guide/notice-files/NOT-AA-23-003.html</a>	Dependent upon proposal and award mechanism	Multiple deadlines; NOSI open through 9/8/26



	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>HEALTH IT</b>		
38.	NOSI: Integrative Omics Analysis of NHLBI TOPMed Data (Parent R01 Clinical Trial Not Allowed) (NIH/NHLBI)  NOT-HL-23-067	Having produced an unprecedented volume of high-throughput data, TOPMed now seeks to turn its attention to effectively leveraging this resource to uncover biological function and disease pathobiology through novel systems biology analyses and the power of artificial intelligence (AI) and Machine Learning (ML). This NOSI seeks to garner analysis of TOPMed data and facilitate data analysis tool development. <a href="https://grants.nih.gov/grants/guide/notice-files/NOT-HL-23-067.html">https://grants.nih.gov/grants/guide/notice-files/NOT-HL-23-067.html</a>	Dependent upon proposal, for up to 5 years	Multiple deadlines; NOSI open through 5/8/26
39.	Wearables at the Edge to Augment Readiness (WEAR) (DoD/DARPA)  HR0011SB20234-05	The Personal Health Determinations (WEAR) SBIR DP2 topic seeks to develop a secure and lightweight framework that can perform real-time analysis of sensory data from wearables to monitor warfighter operational health and readiness at the edge, while consuming less than 5% of the wearable battery over 10 days, assuming an initial full battery charge. <a href="https://media.defense.gov/2023/Feb/16/2003162993/-1/-1/o/DARPA_SBIR_234_R2.PDF">https://media.defense.gov/2023/Feb/16/2003162993/-1/-1/o/DARPA_SBIR_234_R2.PDF</a>	Up to \$1.2 million, for up to 2 years	Proposal: 4/6/23
40.	Mixed Reality Manikin Solution for Female Soldier Survivability (DoD/Army)  A234-009	The Army is seeking a solution for a hybrid training tool utilizing a combination of augmented reality, virtual reality, and physical manikins to address female combat casualty care. To build out the best-in-breed training solution, all components need to be open architecture with plug-and-play capabilities to develop modular training independent of gender or scenario. <a href="https://media.defense.gov/2023/Mar/08/2003174402/-1/-1/o/ARMY_SBIR_234_R6.PDF">https://media.defense.gov/2023/Mar/08/2003174402/-1/-1/o/ARMY_SBIR_234_R6.PDF</a>	Up to \$200,000, for 3 months	Proposal: 5/4/23
		<b>HIV/AIDS (1)</b>		
41.	Ex Vivo Models for Studies at the Intersection of HIV and Poly-Substance Use (R01 Clinical Trial Not Allowed) (NIH/NIDA)  RFA-DA-24-001	This NOFO invites grant applications aimed at elucidating pathophysiological mechanisms of HIV-associated neurological disorders (HAND) using ex vivo culturing platforms in the presence of addictive substances, with emphasis on genetic, epigenetic and neuroimmune mechanisms at the single cell to neural circuit levels. <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-DA-24-001.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-DA-24-001.html</a>	Dependent upon proposal, for up to 5 years	Letter of intent: 7/10/23 Proposal: 8/10/23
		<b>IMMUNOLOGY &amp; INFECTIOUS DISEASE (5)</b>		
42.	STI Cooperative Research Centers (CRC): Vaccine Development (U01 Clinical Trial Not Allowed) (NIH/NIAID)  RFA-AI-23-008	The purpose of this FOA is to advance vaccine candidates for gonorrhea, chlamydia and syphilis by supporting IND-enabling activities. Applications must include a Product Development Strategy. <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-AI-23-008.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-AI-23-008.html</a>	Up to \$1.4 million per year, for up to 5 years	Letter of intent: 5/14/23 Proposal: 6/14/23



	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>IMMUNOLOGY &amp; INFECTIOUS DISEASE</b>		
43.	Pre-Clinical Models of Infectious Diseases (NIH/NIAID)  NIHAI75N93023R00003	The current NIAID Preclinical Models of Infectious Diseases IDIQ contract program is one of DMID's preclinical services resources and supports the development and refinement of animal models and animal replacement models of infectious diseases, models that subsequently are used to evaluate candidate medical countermeasures against these diseases. In addition, these contracts facilitate regulatory submissions, patents, and other intellectual property applications by extramural investigators who request evaluation of their products. This program serves the DMID mission of supporting investigator-initiated research by providing critical data needed to apply for grant or other funding. Finally, these contracts enable product developers and sponsors to make key go/no-go decisions for candidate therapeutics, vaccines, and diagnostics. <a href="https://sam.gov/opp/cfd7716a39f045f59d7fe654180c01d2/view">https://sam.gov/opp/cfd7716a39f045f59d7fe654180c01d2/view</a>	Dependent upon contract	Proposal: 5/4/23
44.	Pre-Announcement: Bioinformatics Resource Centers (BRCs) for Infectious Diseases (U24 Clinical Trials Not Allowed) (NIH/ODSS)  NOT-OD-23-099	The purpose of this FOA is to support a NIAID Bioinformatics Resource Centers (BRC) Program that will consist of four key components: 1) interactive knowledgebase(s) for relevant omics-based data and analysis; 2) research and development of innovative bioinformatics tools, software, and algorithms; 3) provide access to leading-edge expertise in bioinformatics services for the infectious diseases community for complex or unique situations; 4) and offer cutting-edge informatics support during a public health emergency, outbreak, or pandemic. <a href="https://grants.nih.gov/grants/guide/notice-files/NOT-AI-23-033.html">https://grants.nih.gov/grants/guide/notice-files/NOT-AI-23-033.html</a>	Dependent upon proposal and number of biological domains	Estimated post date: 5/26/23 Estimated proposal date: 8/25/23
45.	Pre-Announcement: Large-scale T Cell Immune Epitope Discovery and Mechanisms of T Cell Protection (NIH/NIAID)  BAA-NIAID-DAIT-75N93022R00023	The primary purpose of this solicitation is to support highly interactive, multi-disciplinary teams whose research efforts are focused on large-scale discovery of T cell immune epitopes associated with infectious or autoimmune diseases, commensal organisms, or alloantigens influencing transplant outcomes, and validation of these epitopes, and defined mechanisms of T cell immune protection or immune-mediated pathogenesis in humans. <a href="https://sam.gov/opp/c40443b770f74c599170b6fc6b15e68a/view">https://sam.gov/opp/c40443b770f74c599170b6fc6b15e68a/view</a>	Estimated \$1.25 million per year, for up to 5 years	Estimated post date: 3/21/23
46.	Coordination Center for the Models of Infectious Disease Agent Study (MIDAS) Program (R24 Clinical Trial Not Allowed) (NIH/NIGMS)  PAR-23-129	The Coordination Center for the MIDAS program will advance infectious disease modeling science by serving as a hub for collaboration and dissemination of research products from the MIDAS investigator network. The Coordination Center will also function as the primary repository for MIDAS-related datasets, models and software. It will maintain, promote and maximize the utility and use of shared MIDAS resources. <a href="https://grants.nih.gov/grants/guide/pa-files/PAR-23-129.html">https://grants.nih.gov/grants/guide/pa-files/PAR-23-129.html</a>	Up to \$900,000 per year, for 5 years	Proposal: 6/15/23





	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>JOINT WARFIGHTER MEDICAL (1)</b>		
47.	Pre-Announcement: FY23 Joint Warfighter Medical Research Program (JWMRP) (DoD/CDMRP)	<p>The FY23 JWMRP aims to augment and accelerate progress toward critical DOD medical capability gaps and requirements through the continuation of research and development initiatives that were previously supported by DOD core and/or DOD congressionally directed funding and that are close to achieving their objectives and yielding a benefit to military medicine. Applications submitted to the FY23 JWMRP must address at least one of the following Focus Areas: Endemic and Emerging Disease Threats; Operational Medicine and Readiness; Environmental Medicine; Combat Casualty Care. Applicants must have already received DOD core or DOD congressionally directed prior year funding for the same research and/or development project being proposed for logical continuation under this funding opportunity.</p> <p><a href="https://cdmrp.health.mil/pubs/press/2023/23jwmrppreann">https://cdmrp.health.mil/pubs/press/2023/23jwmrppreann</a></p>	Up to \$3.5 million, for up to 3 years Dependent upon award mechanism	TBD
		<b>MATERNAL AND PEDIATRIC HEALTH (12)</b>		
48.	NOSI: Research to Improve Pre-Pregnancy Care and Enhance Healthy Birth Intervals (NIH/NICHD/ORWH)  NOT-HD-23-003	<p>This NOSI invites research applications that assess the causal social and behavioral processes that facilitate or hinder the achievement of healthy interbirth intervals and to identify mechanisms that can be modified by public health interventions at the levels of the dyad, family, community, or other population aggregates.</p> <p><a href="https://grants.nih.gov/grants/guide/notice-files/NOT-HD-23-003.html">https://grants.nih.gov/grants/guide/notice-files/NOT-HD-23-003.html</a></p>	Dependent upon proposal and award mechanism	Multiple deadlines; NOSI open through 9/8/24
49.	Advancing Integrated Models (AIM) of Care to Improve Pregnancy Outcomes among Women Who Experience Persistent Disparities (R01 Clinical Trial Optional) (NIH)  RFA-NR-23-002	<p>The purpose of this initiative—advancing integrated models (AIM) of care—is to stimulate research to develop or evaluate supportive care models that address healthcare access or healthcare quality, together with structural or social inequities in efforts to prevent adverse pregnancy outcomes among racial and ethnic minority women.</p> <p><a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-NR-23-002.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-NR-23-002.html</a></p>	Dependent upon proposal, for up to 5 years	Letter of intent: 4/1/23 Proposal: 5/1/23
50.	Translational Research in Maternal and Pediatric Pharmacology and Therapeutics (R01/R21 Clinical Trial Optional) (NIH)  PAR-23-130 (R01) PAR-23-131 (R21)	<p>These FOAs support translational and clinical research to improve safe and effective precision therapeutics for pregnant and lactating persons, fetuses, neonates, and children, including those with disabilities.</p> <p><a href="https://grants.nih.gov/grants/guide/pa-files/PAR-23-130.html">https://grants.nih.gov/grants/guide/pa-files/PAR-23-130.html</a> (R01)  <a href="https://grants.nih.gov/grants/guide/pa-files/PAR-23-131.html">https://grants.nih.gov/grants/guide/pa-files/PAR-23-131.html</a> (R21)</p>	Dependent upon proposal, for up to 5 years (R01) Up to \$275,000, for up to 2 years (R21)	Letter of intent: 5/5/23 Proposal: 6/5/23 (R01) Letter of intent: 5/16/23 Proposal: 6/16/23 (R21)





	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>MENTAL HEALTH (1)</b>		
51.	Pre-Announcement: Clinical High Risk for Psychosis Clinical Trial Network (U01 Clinical Trial Required) (NIH/NIMH)  NOT-MH-23-160	This FOA will support one or more clinical trial networks to evaluate biological and clinical outcome measures in individuals at clinical high risk (CHR) for psychosis in Proof of Principle (PoP) trials using pharmacological interventions. Unique drug development tools generated through the Accelerating Medicines Partnership® Schizophrenia (AMP® SCZ) initiative will be validated in the PoP trials. <a href="https://grants.nih.gov/grants/guide/notice-files/NOT-MH-23-160.html">https://grants.nih.gov/grants/guide/notice-files/NOT-MH-23-160.html</a>	TBD	Estimated post date: 5/31/23 Estimated proposal date: 10/31/23
		<b>MULTIPLE SCLEROSIS (4)</b>		
52.	Pre-Announcement: FY23 Multiple Sclerosis Research Program (DoD/CDMRP)	The MSRP supports innovative and impactful research that addresses fundamental issues and gaps in MS. Four awards are anticipated: Clinical Trial, Early Investigator Research, Exploration - Hypothesis Development, and Investigator-Initiated Research. <a href="https://cdmrp.health.mil/pubs/press/2023/23msrppreann">https://cdmrp.health.mil/pubs/press/2023/23msrppreann</a>	Up to \$4.5 million, for up to 4 years Dependent upon award mechanism	TBD
		<b>PATIENT-CENTERED RESEARCH (3)</b>		
53.	Pre-Announcement: Advancing the Science of Engagement PCORI Funding Announcement -- Cycle 2 2023 (PCORI)	This PFA will fund studies that build an evidence base on engagement in research, including: Measures to capture structure/context, process, and outcomes; Techniques that lead to effective engagement; How these techniques should be modified and resourced for different contexts, settings, and communities to ensure equity; How engagement supports successful research. <a href="https://www.pcori.org/funding-opportunities/announcement/advancing-science-engagement-pcori-funding-announcement-cycle-2-2023">https://www.pcori.org/funding-opportunities/announcement/advancing-science-engagement-pcori-funding-announcement-cycle-2-2023</a>	Up to \$1.5 million, for up to 3 years	System opens: 5/2/23 Letter of intent: 5/31/23 Proposal: 8/29/23
54.	Pre-Announcement: Implementation of Effective Shared Decision Making Approaches in Practice Settings -- Cycle 2 2023 (PCORI)	This initiative will support projects that propose active, multi-component approaches to implementing effective shared decision making strategies that address existing barriers and obstacles to uptake and maintenance, so that these interventions are effectively and sustainably integrated into practice.. <a href="https://www.pcori.org/funding-opportunities/announcement/implementation-effective-shared-decision-making-approaches-practice-settings-pfa-cycle-2-2023">https://www.pcori.org/funding-opportunities/announcement/implementation-effective-shared-decision-making-approaches-practice-settings-pfa-cycle-2-2023</a>	Up to \$2.5 million, for up to 3 years	System opens: 5/2/23 Letter of intent: 5/31/23 Proposal: 8/29/23
55.	Pre-Announcement: Open Competition PFA: Implementation of Findings from PCORI's Major Research Investments -- Cycle 2 2023 (PCORI)	For the Cycle 2 2023 PFA, PCORI has identified the following four areas of eligible evidence: Obesity Treatment in Primary Care Settings; Nonsurgical treatment options can improve or eliminate symptoms for women with urinary incontinence (UI); Several kinds of therapy and medicines can reduce or stop symptoms for people with PTSD; The use of narrow-spectrum versus broad-spectrum antibiotics to treat children's acute respiratory tract infections (ARTIs). <a href="https://www.pcori.org/funding-opportunities/announcement/open-competition-pfa-implementation-findings-pcoris-research-investments-cycle-2-2023">https://www.pcori.org/funding-opportunities/announcement/open-competition-pfa-implementation-findings-pcoris-research-investments-cycle-2-2023</a>	Up to \$2.5 million, for up to 3 years	System opens: 5/2/23 Letter of intent: 5/31/23 Proposal: 8/29/23



	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>RARE DISEASES (2)</b>		
56.	Natural History and Biomarker Studies of Rare Neurodegenerative Diseases (U01 Clinical Trials Optional) (FDA/OC/OOPD) <a href="#">RFA-FD-23-028</a>	This FOA supports efficient natural history studies and/or biomarker studies that fill unmet needs for rare neurodegenerative diseases for children and adults. Through the support of prospective natural history and/or biomarker studies with high quality and interpretable data elements, FDA expects to address critical knowledge gaps, remove major barriers to progress in the field, exert a significant and broad impact on a specific rare neurodegenerative disease or multiple rare neurodegenerative diseases with similar pathophysiology, and facilitate rare disease product development. <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-FD-23-028.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-FD-23-028.html</a>	Up to \$400,000 per year, for up to 4 years	Letter of intent: 4/4/23 Proposal: 5/4/23
57.	Diagnostic Centers of Excellence (X01 Clinical Trial Not Allowed) (NIH) <a href="#">PAR-23-120</a>	This FOA aims to provide investigators with access to resources provided by the Data Management Coordinating Center for Diagnostic Centers of Excellence as part of the next phase of the Undiagnosed Diseases Network. Resources include infrastructure, data management, and clinical research support. <a href="https://grants.nih.gov/grants/guide/pa-files/PAR-23-120.html">https://grants.nih.gov/grants/guide/pa-files/PAR-23-120.html</a>	N/A	Letter of intent: 4/15/23 Proposal: 5/15/23
		<b>TICK-BORNE DISEASE (2)</b>		
58.	Pre-Announcement: FY23 Tick-Borne Disease Research Program (TBDRP) (DoD/CDMRP)	The FY23 TBDRP anticipates two awards: Idea Development Award (IDA) and Therapeutic/Diagnostic Research Award (TDRA). Applications must be relevant to at least one of the following four Focus Areas, specific to each award: Prevention and Pathogenesis (IDA); Treatment and Diagnosis (TDRA). Applicants are encouraged to submit applications focused on persistent Lyme disease, and other tick-borne diseases (TBDs) and conditions endemic to the U.S. <a href="https://cdmrp.health.mil/pubs/press/2023/23tbdrppreann">https://cdmrp.health.mil/pubs/press/2023/23tbdrppreann</a>	Up to \$825,000, for up to 3 years Dependent upon award mechanism	TBD
		<b>TRAUMATIC BRAIN INJURY (5)</b>		
59.	Pre-Announcement: FY23 Traumatic Brain Injury and Psychological Health Research Program (DoD/CDMRP)	The FY23 TBIPHRP anticipates five awards: Clinical Trial Award, Focused Program Award, Investigator-Initiated Research Award, Translational Research Award, and Health Services Research Award. Applications submitted to the FY23 TBIPHRP must address one or more of the following Focus Areas, not all of which will be applicable to every award mechanism: Understand; Prevent and Assess; Treat. <a href="https://cdmrp.health.mil/pubs/press/2023/23tbiphrppreann">https://cdmrp.health.mil/pubs/press/2023/23tbiphrppreann</a>	Up to \$5 million, for up to 4 years Dependent upon award mechanism	TBD
		<b>WOMEN'S HEALTH (1)</b>		
60.	Understanding Chronic Conditions Understudied Among Women (R01 Clinical Trial Optional) (NIH) <a href="#">RFA-OD-23-014</a>	This NOFO invites applications on chronic conditions understudied among women and/or that disproportionately affect populations of women who are understudied, underrepresented, and underreported in biomedical research. <a href="https://grants.nih.gov/grants/guide/rfa-files/RFA-OD-23-014.html">https://grants.nih.gov/grants/guide/rfa-files/RFA-OD-23-014.html</a>	Up to \$350,000 per year, for up to 4 years	Letter of intent: 5/19/23 Proposal: 6/20/23



## Recurring Opportunities

March 9, 2023

<https://www.g2gconsulting.com/gbg-reporting-service/>

	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>AIR FORCE (3)</b>		
61.	Airman Readiness Medical Research (ARMR) Hybrid BAA  FA8650-20-S-6008	The Warfighter Medical Optimization Division intends to solicit White Papers under this announcement with the focus of conducting medical research in support of optimizing of the warfighter by enabling, enhancing, restoring, and sustaining the Airman to more effectively execute the Air Force mission. This medical research objective is dual natured: (1) ensure medical availability of Airmen by analyzing attributes (sensory, behavioral, physiologic) and operational environments (chemical, physical, psychological, biological, radiological stressors) to drive optimal performance of Airmen engaged in high-demand, high-impact mission tasks (2) investigate how the flight environment affects the process of life, the ability to maintain homeostasis, and the risk for injury or secondary insult, seeking to ameliorate these stressors to optimize Airman health and performance. <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppld=327332">https://www.grants.gov/web/grants/view-opportunity.html?oppld=327332</a>	Up to \$49 million, per award	White papers accepted on rolling basis until 4/30/26
62.	Research Interests of the Air Force Office of Scientific Research  FA9550-23-S-0001	The focus of AFOSR is on research areas that offer significant and comprehensive benefits to our national war fighting and peacekeeping capabilities. These areas are organized and managed in two scientific Departments: Engineering and Information Science (RTA), Physical and Biological Sciences (RTB), and our international offices (EAORD, SOARD, and AOARD). <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppld=345653">https://www.grants.gov/web/grants/view-opportunity.html?oppld=345653</a>	Dependent upon proposal, for up to 5 years	White papers accepted on a rolling basis
63.	Research Interests of the United States Air Force Academy  USAFA-BAA-2021	USAFA invites white papers and proposals for research in many broad areas, under the direction of several research centers. One such center, is the Life Sciences Research Center (LSRC). LSRC intrigued by biomaterials found in nature, which use unique biologic design principles and processes to form novel structures. The USAF requires lighter, tougher materials, which can hold up under extreme temperature, pressure or loading conditions. <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppld=330175">https://www.grants.gov/web/grants/view-opportunity.html?oppld=330175</a>	Dependent upon proposal, for up to 5 years	Proposals accepted on a rolling basis

	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>ARMY (8)</b>		
64.	BAA R&D in Support of the Joint Program Executive Office for Chemical, Biological, Radiological, and Nuclear Defense (JPEO-CBRND), JPM Medical and JPL EB  <a href="#">CBRND-BAA-22-01</a>	The JPMO is interested in studies on new and better ways to develop medical CBRN countermeasures more rapidly and with increased efficiency through enabling technologies, life cycle bioinformatics, and improved logistics tracking. Mission areas include: Biological Medical Prophylaxis; Medical, Chemical, and Biological Countermeasures; Medical Radiological Countermeasures; Medical Diagnostic and Surveillance Systems; and Enabling Biotechnologies and Response Systems.  <a href="https://sam.gov/opp/66870bda25274773b3e5fa7cfd3coe11/view">https://sam.gov/opp/66870bda25274773b3e5fa7cfd3coe11/view</a>	Dependent upon proposal	Proposals accepted on a rolling basis through 6/11/27
65.	USAMRDC Broad Agency Announcement for Extramural Medical Research  <a href="#">HT9425-23-S-BAA1</a>	R&D funded by this BAA are expected to benefit and inform both military and civilian medical practice and knowledge. Research areas include: Military Infectious Disease; Combat Casualty Care; Military Operational Medicine; Medical Biological Defense; and Medical Chemical Defense.  <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=343725">https://www.grants.gov/web/grants/view-opportunity.html?oppId=343725</a>	Dependent upon proposal, for up to 5 years	Pre-applications accepted until 9/30/27 Full proposal by invitation
66.	USSOCOM BAA for Extramural Biomedical Research and Development  <a href="#">W81XWH-18-S-SOC1</a>	A primary emphasis of the USSOCOM Biomedical, Human Performance, and Canine Research Program is to identify and develop techniques, knowledge products, and materiel for early intervention in life-threatening injuries, prolonged field care, human performance optimization, and canine medicine/performance. Special Operations Forces (SOF) medical personnel place a premium on medical equipment that is small, lightweight, ruggedized, modular, multi-use, and designed for operation in extreme environments.  <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=307754">https://www.grants.gov/web/grants/view-opportunity.html?oppId=307754</a>	Dependent upon proposal	Proposals accepted through 7/31/23 Submission of a pre-proposal is required
67.	Army Research Office Broad Agency Announcement for Fundamental Research  <a href="#">W911NF-23-S-0001</a>	ARL's foundational research mission spans basic research and applied research but may include advanced technology development and advanced component development and prototypes when opportunities arise to directly or indirectly help achieve ARL's mission. Topics include Biotronics, Genetics, and Neurophysiology of Cognition; the full list of research topics is available here: <a href="https://www.arl.army.mil/opportunities/arl-baa/">https://www.arl.army.mil/opportunities/arl-baa/</a>  <a href="https://sam.gov/opp/72a66224611942dd9215e60722caaac5/view">https://sam.gov/opp/72a66224611942dd9215e60722caaac5/view</a>	Dependent upon proposal	Proposals accepted on a rolling basis until 11/20/27
68.	Army Research Institute for the Behavioral and Social Sciences Broad Agency Announcement for Basic, Applied, and Advanced Research  <a href="#">W911NF-18-S-0005</a>	ARI seeks Applied Research proposals that provide a systematic expansion and application of knowledge to design and develop useful strategies, techniques, methods, tests, or measures that provide the means to meet a recognized and specific Army need. Applied Research precedes specific technology investigations or development and should have high potential to transition into advanced technology.  <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=304462">https://www.grants.gov/web/grants/view-opportunity.html?oppId=304462</a>	Dependent upon proposal	Proposals accepted on a rolling basis until 4/29/23 Full proposal required



	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>ARMY</b>		
69.	Army Applications Lab BAA for Disruptive Applications <a href="#">W911NF-19-S-0004</a>	AAL is interested in any and all technologies which can be shown to enable the Army of 2028 to be ready to deploy, fight, and win decisively against any adversary, anytime, and anywhere, in a joint, multi- domain, high-intensity conflict, while simultaneously deterring others and maintaining its ability to conduct irregular warfare. <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppld=315517">https://www.grants.gov/web/grants/view-opportunity.html?oppld=315517</a>	Dependent upon proposal	Proposals accepted through 5/1/24 Pre-proposal is required
70.	Army Research Office Broad Agency Announcement Staff Research Program <a href="#">W911NF20S0003</a>	The purpose of the program is to enable ARO scientific staff to maintain and expand professional competence in support of fulfilling the ARO mission through the conduct of hands-on, basic research. Research efforts will involve scientific study directed toward advancing the state-of-the-art or increasing knowledge and scientific understanding in engineering, physical, life and information sciences. <a href="https://www.arl.army.mil/wp-content/uploads/2020/04/arl-baa-Staff-Research-PA.pdf">https://www.arl.army.mil/wp-content/uploads/2020/04/arl-baa-Staff-Research-PA.pdf</a>	Dependent upon proposal	Proposals accepted on a rolling basis until 2/19/25
71.	Army Combat Capabilities Development Command Broad Agency Announcement <a href="#">W911QY20R0022</a>	Broad Agency Announcement Solicitation for the US Army Combat Capabilities Development Command - Soldier Center (CCDC-SC). Please see the BAA solicitation document for the submission instructions and areas of interest. <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppld=327285">https://www.grants.gov/web/grants/view-opportunity.html?oppld=327285</a>	Dependent upon proposal	Proposals accepted on a rolling basis until 2/28/25
		<b>BARDA (2)</b>		
72.	BARDA Broad Agency Announcement <a href="#">BARDABAA</a>	BARDA is accepting proposals related to diagnostics and POC tests for COVID and other MCM topics that include: CBRN Vaccines, Antivirals & Antitoxins; Antibacterials; Radiological, Nuclear & Chemical Threat MCMs; Burn Medical MCMs; Diagnostics; Influenza & Emerging Diseases vaccines and therapeutics. <a href="https://sam.gov/opp/550c21c541ac4c5ea14a52997a84a65d/view">https://sam.gov/opp/550c21c541ac4c5ea14a52997a84a65d/view</a> <a href="https://www.medicalcountermeasures.gov/barda/barda-baa">https://www.medicalcountermeasures.gov/barda/barda-baa</a>	Dependent upon proposal	White papers due: 3/17/23
73.	BARDA DRIVe EZ-BAA <a href="#">EZBAA - 22-100-SOL-00003</a>	BARDA is currently accepting submissions through the EZ-BAA for several AOIs: AOI #15: ReDIRECT; AOI #17: Digital MCMs; AOI #18: Host-Directed Therapeutics; AOI #20: DRIVe Forward; AOI #22: ReBoot; AOI #23: Host-Based Diagnostics. <a href="https://sam.gov/opp/2bf5a8c79c6046b99085d7eea9565e8a/view">https://sam.gov/opp/2bf5a8c79c6046b99085d7eea9565e8a/view</a>	Up to \$750,000 per award	Proposals accepted on a rolling basis Deadlines vary by AOI





	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>DARPA (3)</b>		
74.	Biological Technologies BAA <a href="#">HR001122S0034</a>	BTO's research investment portfolio includes combating pandemic disease, innovative physiological interventions, human performance and warfighter readiness, and deep exploration of changing ecologies and environments for improving U.S. capabilities and resilience. BTO is interested in submissions related to the following topic areas: Human Performance, Materials, Sensors, Processing, Biosecurity, Biomedical, and Biodefense <a href="https://sam.gov/opp/4f70483cob4b49aeac299342a36af04d/view">https://sam.gov/opp/4f70483cob4b49aeac299342a36af04d/view</a>	Dependent upon proposal	Abstracts & proposals accepted on a rolling basis until 4/20/23
75.	Redefining Possible - 2022 <a href="#">HR001122S0040</a>	The Tactical Technology Office (TTO) of DARPA is soliciting executive summaries, proposal abstracts, and proposals for applied research, advanced technology development, platform demonstrations, or systems studies that aim to redefine the future of warfighting across four domains: Air, Ground, Maritime, and Space. <a href="https://sam.gov/opp/a517e20d661b431aa933e55263a2bc42/view">https://sam.gov/opp/a517e20d661b431aa933e55263a2bc42/view</a>	Up to \$1 million, for up to 18 months	Proposals accepted on a rolling basis until 6/21/23
76.	Defense Sciences Office, Office-wide <a href="#">HR001122S0041</a>	The DSO Office-wide BAA invites proposers to submit innovative basic or applied research concepts or studies and analysis proposals that address one or more of the following technical thrust areas: Novel Materials & Structures; Sensing and Measurement; Computation and Processing; Enabling Operations; Collective Intelligence; and Global Change. <a href="https://sam.gov/opp/d99f59e0d48245e688b92af595380c79/view">https://sam.gov/opp/d99f59e0d48245e688b92af595380c79/view</a>	Dependent upon proposal	Abstracts accepted on a rolling basis until 6/14/23
		<b>DEFENSE THREAT REDUCTION AGENCY (2)</b>		
77.	Fundamental Research to Counter Weapons of Mass Destruction (C-WMD) <a href="#">HDTRA1-14-24-FRCWMD-BAA</a>	DTRA seeks to identify, adopt, and adapt emerging, existing and revolutionary sciences that may demonstrate high payoff potential to Counter-WMD (C-WMD) threats. Current thrust areas include global biosurveillance, biosafety, and biosecurity, and chemical and biological defense. <a href="https://sam.gov/opp/da2d0850923340169b5263998efe73f6/view">https://sam.gov/opp/da2d0850923340169b5263998efe73f6/view</a>	Up to \$1 million per year, for up to 5 years	White papers accepted through 9/2024
78.	Research and Development Innovations Broad Agency Announcement <a href="#">HDTRA1-22-S-0003</a>	DTRA seeks proposals that will advance research, development, test, and evaluation (RDT&E) priorities across five interrelated thrust areas derived from the 2022 DTRA Strategic Plan for RDT&E (plan available at <a href="https://www.dtra.mil/">https://www.dtra.mil/</a> ): <ul style="list-style-type: none"> <li>• Understand current and emerging WMD situations, threats, and capabilities</li> <li>• Enable effective and integrated WMD deterrence</li> <li>• Control, disable, and defeat current and emerging WMD threats</li> <li>• Protect the force and mitigate crises from WMD</li> <li>• Enable cross-cutting capabilities</li> </ul> <a href="https://sam.gov/opp/e23f86536f7840eaa868f3526a86a6ae/view">https://sam.gov/opp/e23f86536f7840eaa868f3526a86a6ae/view</a>	Dependent upon proposal, for up to 18 months	White papers accepted on a rolling basis through 2/14/27





	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		<b>DEPARTMENT OF ENERGY (1)</b>		
79.	FY2023 Continuation of Solicitation for the Office of Science Financial Assistance Program  DE-FOA-0002844	By integrating genome science with advanced computational and experimental approaches, the Division seeks to gain a predictive understanding of living systems, from microbes and microbial communities to plants and ecosystems. This foundational knowledge enables design and reengineering of microbes and plants underpinning a broad clean energy and bioeconomy portfolio.  <a href="https://www.grants.gov/web/grants/view-opportunity.html?oppId=343866">https://www.grants.gov/web/grants/view-opportunity.html?oppId=343866</a>	Dependent upon award mechanism	Proposals accepted on a rolling basis through 9/30/23
		<b>NATIONAL SCIENCE FOUNDATION (1)</b>		
80.	Small Business Innovation Research Program Phase I (SBIR/STTR Phase I)  NSF 23-515	The NSF SBIR and STTR programs focus on transforming scientific discovery into products and services with commercial potential and/or societal benefit. Unlike fundamental or basic research activities that focus on scientific and engineering discovery itself, the NSF SBIR program supports the creation of opportunities to move fundamental science and engineering out of the lab and into the market or other use at scale, or startups and small businesses representing "deep technology ventures." The programs fund research and development, and are designed to provide non-dilutive funding and entrepreneurial support at the earliest stages of company and technology development. The required Project Pitch allows startups and small businesses to get quick feedback at the start of their application for Phase I funding. <a href="#">Click here for project pitch details</a> and for the <a href="#">full list of topics click here</a> .  <a href="https://www.nsf.gov/pubs/2023/nsf23515/nsf23515.htm">https://www.nsf.gov/pubs/2023/nsf23515/nsf23515.htm</a>	Up to \$275,000 for up to 1 year	<a href="#">Project pitches</a> accepted on a rolling basis. Submission window for invited proposals: 3/2/23 to 7/5/23
		<b>NAVY (3)</b>		
81.	Long Range Broad Agency Announcement for Navy and Marine Corps Science and Technology  N00014-23-S-B001	The ONR, ONR Global, and Marine Corps Warfighting Lab are interested in receiving proposals for Long-Range S&T Projects which offer potential for advancement and improvement of Navy and Marine Corps operations.  <a href="https://www.nre.navy.mil/work-with-us/funding-opportunities/fy23-long-range-broad-agency-announcement-baa-navy-and-marine">https://www.nre.navy.mil/work-with-us/funding-opportunities/fy23-long-range-broad-agency-announcement-baa-navy-and-marine</a>	Dependent upon proposal	Proposals accepted on a rolling basis until 9/30/23
82.	NRL Long Range Broad Agency Announcement (BAA) for Basic and Applied Research  N00173-23-S-BA01	The Naval Research Laboratory is seeking to advance technology developed for in vitro diagnostic devices that are amenable to military hardening and integration with communication capabilities to support the medical diagnostic and epidemiological detection and biosurveillance needs of the US military across multiple Echelons of Care and specifically for field deployment at Echelons 1 or 2.  <a href="https://sam.gov/opp/58eeca6ef84a4d25b41boedaca42447a/view">https://sam.gov/opp/58eeca6ef84a4d25b41boedaca42447a/view</a>	Dependent upon proposal and award mechanism	White papers accepted through 9/30/23



	Title (Agency) and Opportunity #	Description and Link	Funding Level	Deadline
		NAVY		
83.	Broad Agency Announcement for Innovative Environmental Technologies and Methodologies  N3943022S2401	This announcement seeks out technologies and methodologies to reduce environmental impacts from current and past Navy operations, and applies to Navy installations worldwide. NEXWC is interested in environmental technologies and methodologies that are either new, innovative, advance the state-of-the art, or increase knowledge or understanding of a technology or methodology. <a href="https://sam.gov/opp/71143d38c54345a5b164a207c0294364/view">https://sam.gov/opp/71143d38c54345a5b164a207c0294364/view</a>	Dependent upon proposal	Abstracts accepted on a rolling basis until 3/21/23

