

The logo for the University of Maryland (UMD) is displayed in yellow text on a red rectangular background.

FUNDING ALERT

Notes

1. Weekly opt-in funding alert provided by the UMD-College Park Division of Research and [SSTI](#). Please feel free to forward this alert to colleagues.
2. If you have been forwarded this email and would like to receive this alert on a weekly basis, please fill out the following form: <http://go.umd.edu/fundingalert>.

SSTI (April 26)

New Funding Opportunities for TBED

Citi Foundation

Community Finance Innovation Fund

Supports intermediary-like nonprofit organizations with the ability to provide technical assistance and capacity building innovations to multiple Community Development Financial Institutions (CDFIs) working on a national or regional basis. The foundation is currently seeking breakthrough innovations to advance the field of community development finance in the following four key areas:

1. **Human Capital and Talent Development** - such as efforts to provide formal training in community development finance to build skills among practitioners as well as leadership development efforts to identify and nurture the field's future leaders, including intentional efforts to promote diverse leadership;
2. **Financial and Risk Sharing Models** - such as financial and risk sharing models to increase CDFI access to capital and lending volume;
3. **Technology and Operational Efficiencies** - such as efforts to improve the back-office operations of CDFIs through the use of technology and/or shared service models; and
4. **Thought Leadership and Research** - such as efforts to aggregate and analyze CDFI performance and impact data.

Concept/Idea papers are due May 24.

Awards:

Multiple awards with a combined total of \$50 million

Eligibility:

Restricted to domestic nonprofits

Deadline:

05/24/2022

Links:

<https://www.citigroup.com/citi/foundation/programs/community-finance.html>

New Federal R&D Funding Opportunities

Department of Agriculture

Special Research Grants for Aquaculture Research Program

Supports the development of an environmentally and economically sustainable aquaculture industry in the U.S. and generates new science-based information and innovation to address industry constraints. The program will fund projects that directly address major constraints to the U.S. aquaculture industry and focus on one or more of the following program priorities:

1. Genetics of commercial aquaculture species;
2. Critical disease issues impacting aquaculture species;
3. Design of environmentally and economically sustainable aquaculture production systems; and
4. Economic research for increasing aquaculture profitability.

Awards:

Multiple awards of up to \$300,000 each

Eligibility:

Unrestricted domestically

Deadline:

06/03/2022

Links:

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=339650>

Department of Defense

2022 Pancreatic Cancer Research

Supports rigorous, innovative, high-impact research that leads to earlier pancreatic cancer diagnosis and new therapeutic tools through collaboration. There are two separate funding opportunities associated with this announcement as follows:

- **Translational Research Partnership Awards** - supports the development of translational research collaborations between two independent investigators to address a central problem or question in pancreatic cancer in a manner that would be less readily achievable through separate efforts. One partner in the

collaboration *must* function as a research scientist and the other partner as a clinician investigator. It should be clear that both have had equal intellectual input in the design of the research project. *Up to four awards with a combined total of \$4.8 million may be made.*

- **Idea Development Awards** - supports the development of innovative, high-risk/high-reward research that could lead to critical discoveries or major advancements that will accelerate progress in improving outcomes for individuals with pancreatic cancer. This award mechanism is designed to support innovative ideas with the potential to yield impactful data and new avenues of investigation. *Up to nine awards with a combined total of \$8.4 million may be made.*

Awards:

Multiple awards of variable amounts

Eligibility:

Unrestricted

Deadline:

10/06/2022

Links:

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=339787>, <https://www.grants.gov/web/grants/view-opportunity.html?oppld=339804>

2022 Peer Reviewed Alzheimer's Research

Supports research to address the long-term consequences of traumatic brain injury (TBI) as they pertain to Alzheimer's disease (AD) and AD-related dementias (ADRD). There are three separate funding opportunities associated with this announcement as follows:

- **Translational Research Awards** - supports research that will accelerate the movement of promising products and knowledge in AD/ADRD research into clinical applications, including healthcare products and interventions, technologies, behavioral modalities, social modalities, and/or clinical practice guidelines. This mechanism supports both preclinical-to-clinical translational research (e.g., studies of interventions and medical devices in preclinical systems) and clinical research-to-clinical care translation (e.g., comparative effectiveness, implementation science, healthcare services research). *Two awards with a combined total of \$2.4 million may be made.*
- **Investigator-Initiated Research Awards** - supports studies that will make important contributions to TBI and/or military-service-related factors as they pertain to AD/ADRD research, patient care, and quality of life. The work should innovatively challenge existing paradigms or exhibit high levels of creativity. *Up to eight awards with a combined total of \$6 million may be made.*
- **Accelerating Diagnostics Research Awards** - supports high-impact advancement of robust diagnostic and/or prognostic factors pertaining to AD/ADRD following military

service and/or TBI. Applications meeting the intent of this mechanism will accelerate clinically useful factors for rapid transfer to clinical practice to bridge a critical gap between identification of relevant factors and clinical usage. The proposed factors for investigation must correlate with clinical endpoints relevant to AD/ADRD following military service and/or TBI. Inclusion of preliminary data is required. *Two awards with a combined total of \$5 million may be made.*

Awards:

Multiple awards of variable amounts

Eligibility:

Unrestricted

Deadline:

07/25/2022

Links:

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=339680>, <https://www.grants.gov/web/grants/view-opportunity.html?oppld=339679>, <https://www.grants.gov/web/grants/view-opportunity.html?oppld=339694>

2022 Rare Cancers Research

Supports research of exceptional scientific merit in the area of rare cancers research. There are three separate funding opportunities associated with this announcement as follows:

- **Concept Awards** - supports high-risk studies that have the potential to reveal entirely new avenues for investigation. Applications must describe how the new idea will enhance the existing knowledge of rare cancers or develop an innovative and novel course of investigation. *Up to 20 awards with a combined total of \$3.2 million may be made.*
- **Idea Development Awards** - conceptually innovative, high-risk/high-reward research that could lead to critical discoveries or major advancements that will accelerate progress toward eradicating deaths and suffering from rare cancers. Applications should include a well-formulated, testable hypothesis based on strong scientific rationale. *Up to 15 awards with a combined total of \$8.4 million may be made.*
- **Resource and Community Development Awards** - supports the development of resources that advance the field of rare cancers research and ultimately improve outcomes for individuals with rare cancers. Major gaps in patient care of rare cancers include lack of communication and dissemination strategies for rare cancer research and clinical findings within communities; lack of therapeutics and mechanistic studies to inform treatment development; lack of research and clinical resources, including patient tissues, cell, and tumor models; and lack of infrastructure for sharing data and other resources. *Up to four awards with a combined total of \$3.84 million may be made.*

Awards:

Multiple awards of variable amounts

Eligibility:

Unrestricted

Deadline:

08/29/2022

Links:

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=339647>, <https://www.grants.gov/web/grants/view-opportunity.html?oppld=339628>, <https://www.grants.gov/web/grants/view-opportunity.html?oppld=339646>

Biological Technologies

Supports breakthrough research, discoveries, and applications that integrate biology, engineering, computer science, mathematics, and the physical sciences. Research projects may focus on areas including 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.

Proposals are accepted on a rolling basis.

Awards:

Multiple awards of negotiable amounts

Eligibility:

Unrestricted

Links:

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=339656>

Liberty Lifter

Supports the design, build, and flight test an affordable, innovative, and disruptive seaplane that operates efficiently in ground effect, can sustain out of ground effect flight, and enables efficient theater-range transport of large payloads at speeds far exceeding existing sea lift platforms. This Broad Agency Announcement seeks full proposals for Phase 1 (Phase 1A base and Phase 1B option). Phase 1A focuses on the vehicle trade space exploration and concept design activities concluding with a Conceptual Design Review. Phase 1B continues the maturation of selected concept(s) with the expectation of substantial risk reduction testing to inform a System Requirement Review, Preliminary Design Review, Manufacturing Plan Review, and Test Planning Review.

Awards:

Two awards with a combined total of \$55 million

Eligibility:

Unrestricted

Deadline:

05/23/2022

Links:

<https://sam.gov/opp/96b00c745e7c4f40a8ccba3c71bd5e8e/view>

Tactical Behaviors for Autonomous Maneuver

Supports projects focused on developing and experimentally evaluating coordinated and individual behaviors for small groups of autonomous agents to learn doctrinal as well as novel tactics for maneuvering in military relevant environments. The TBAM-CRP will leverage developments in other internal and extramural programs as well as identify new research directions to find novel solutions to these maneuver problems in analogical simulations representing complex realistic terrain.

Awards:

Multiple awards of up to \$2.3 million each

Eligibility:

Unrestricted domestically

Deadline:

05/27/2022

Links:

<https://www.grants.gov/web/grants/view-opportunity.html?oppId=339728>

Department of Health and Human Services**Demonstration Projects to Promote Use of Interoperable Health Records in Clinical Research**

Supports three-year demonstration projects to study the feasibility of, and develop best practices for, using interoperable health information from older adult research participants. Applicants must partner with one or more actively funded research studies that are enrolling or re-consenting older adult participants. The projects are required to collect medical information from electronic health records shared by participants, combine the information inside of a digital infrastructure, and create approaches to harmonize the data across patients and providers. Projects should also develop approaches to analyze health conditions prevalent in older adults in the harmonized medical data through informatic methods, such as natural language processing.

Awards:

Up to three awards with a combined total of \$3.9 million

Eligibility:

Unrestricted domestically

Deadline:

10/18/2022

Links:

<https://grants.nih.gov/grants/guide/rfa-files/RFA-AG-23-019.html>

Fogarty HIV Research Training Program for Low-and Middle-Income Country Institutions

Supports research training programs to strengthen the scientific capacity of institutions in low- and middle-income countries (LMICs) to conduct HIV research relevant to the evolving HIV epidemic in their country. The program can support training for conducting research in a broad range of HIV research areas across HIV prevention, treatment, care, and quality of life continuum. This includes basic, epidemiologic, clinical, behavioral and social sciences, data science, community-based, implementation, operations, health services, and health systems research.

This program allows qualified Trainees to serve as the lead investigator of an independent clinical trial; or to propose a separate ancillary study to an existing trial under the mentorship of an appropriate clinical researcher or to gain research experience in a clinical trial led by another investigator, as part of their research and career development.

Awards:

Multiple awards of negotiable amounts

Eligibility:

Restricted to institutions of higher education

Deadline:

08/22/2022

Links:

<https://grants.nih.gov/grants/guide/pa-files/PA-22-151.html>

HEAL Initiative: Team Research for Initial Translational Efforts in Non-addictive Analgesic Therapeutics Development

Supports the development of safe, effective, and non-addictive therapeutics to treat pain. Specifically, the program seeks interdisciplinary team-based research projects to develop assays, conduct screening and early optimization work followed by pharmacokinetic, pharmacodynamic, and in vivo efficacy studies to demonstrate that proposed therapeutic agent(s) have sufficient biological activity to warrant further development.

Awards:

Up to six awards of \$1.5 million each annually for up to five years

Eligibility:

Unrestricted

Deadline:

06/09/2022

Links:

<https://grants.nih.gov/grants/guide/rfa-files/RFA-NS-22-052.html>

Infrastructure Development Training Programs for Critical HIV Research at Low-and Middle-Income Country Institutions

Supports collaborative applications from U.S. and institutions in low- and middle-income countries (LMICs) to develop training programs to achieve technical, administrative, and financial management expertise required for one of several research infrastructure support functions considered critical to a successful high-quality research environment. These are:

1. research administration and management, research integrity oversight; ethical review of research for the protection of human subjects;
2. laboratory animal welfare oversight;
3. advanced laboratory instrument services; health sciences library and information services;
4. information and communications technology systems (ICT) for research; biostatistics and data analysis;
5. technology transfer and intellectual property protection;
6. harassment and discrimination policy and prevention; and,
7. any area not mentioned above that justifiably will contribute to enhancing Institutional services that can support research activities.

Awards:

Multiple awards of up to \$94,000 each annually for up to three years

Eligibility:

Restricted to institutions of higher education

Deadline:

08/22/2022

Links:

<https://grants.nih.gov/grants/guide/pa-files/PA-22-153.html>

Neurological Disorders and Stroke Exploratory Clinical Trials

Supports investigator-initiated exploratory Phase 1 and Phase 2 clinical trials to the National Institute of Neurological Disorders and Stroke (NINDS). These trials must address questions within the mission and research interests of the NINDS. They may include studies of drugs and biologics, feasibility or preliminary efficacy studies of devices, and early studies of surgical, behavioral or rehabilitation therapies. All Phase 1 exploratory trials must contribute to the justification for and provide some of the data required to inform a future Phase 2 trial that may also be performed as part of the current grant application, should the results of the Phase 1 studies be encouraging.

Awards:

Multiple awards of negotiable amounts

Eligibility:

Unrestricted

Deadline:

06/22/2022

Links:

<https://grants.nih.gov/grants/guide/pa-files/PA-22-142.html>

Neuronal Vulnerability to Proteinopathies in Alzheimer's Disease and Alzheimer's Disease-Related Dementias

Supports R01 research projects to define and characterize neuronal and glial cell populations that are vulnerable to Alzheimer's disease (AD) and AD-related dementias (ADRD) proteinopathies. Projects may seek to establish comprehensive sets of data on neuronal and glial cells vulnerable to AD/ADRD proteinopathies based on single-cell transcriptomics or epigenetics signature, identify intrinsic morphological, electrophysiological, and biochemical properties of neurons vulnerable to proteinopathies, and/or identify neural circuits and/or large-scale networks that contribute to vulnerability to proteinopathies.

Awards:

Up to 10 awards with a combined total of \$8 million

Eligibility:

Unrestricted

Deadline:

07/15/2022

Links:

<https://grants.nih.gov/grants/guide/rfa-files/RFA-AG-23-028.html>

Planning Grant for Fogarty HIV Research Training Program for Low- and Middle-Income Country Institutions

Supports research training that strengthens HIV research capacity of institutions in low-and middle-income countries (LMICs). This program offers an opportunity for LMIC institutions to submit a planning grant application to prepare to participate in the Fogarty HIV Research Training Program. The program does not allow appointed Trainees to lead an independent clinical trial, but does allow them to obtain research experience in a clinical trial led by a mentor or co-mentor.

Awards:

Multiple awards of up to \$28,000 each annually for up to two years

Eligibility:

Restricted to institutions of higher education

Deadline:

08/22/2022

Links:

<https://grants.nih.gov/grants/guide/pa-files/PA-22-152.html>

Department of the Interior

Long Term Monitoring of Sediment Resources of the Colorado River in Grand Canyon National Park

Supports a project to conduct research and monitoring on the magnitudes and trends in fine sediment (sand) storage in the Colorado River ecosystem in Grand Canyon National Park. This involves:

1. tracking the effects of individual high-flow experiments (HFEs), and monitoring the cumulative effect of successive HFEs and intervening operations, on sandbars and sand conservation;
2. investigating the interactions between dam operations, sand transport, and eddy sandbar dynamics; and
3. monitoring changes in channel bed sediment composition, including submerged aquatic vegetation, to discern channel sand storage, and to support physical habitat suitability modeling within other projects.

Awards:

One award of \$332,000

Eligibility:

Restricted to partners of the Colorado Plateau CESU

Deadline:

05/21/2022

Links:

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=339796>

NASA

ROSES 2022: Advanced Component Technology

Supports technology development leading to new component-level as well as subsystem-level spaceborne and/or airborne measurement techniques in support of the Science Mission Directorate's Earth Science Division. Specifically, the program seeks to research, develop, and demonstrate component and subsystem-level technology development that:

1. enable or dramatically enhance Earth observation remote sensing measurements in new, innovative ways; and
2. reduce the size, weight, power requirements, development risks and time, and cost of Earth science remote sensing observation systems.

Notices of Intent are due June 10.

Awards:

Up to 12 awards with a combined total of \$4.8 million

Eligibility:

Unrestricted domestically

Deadline:

06/10/2022

Links:

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=339788>

National Science Foundation

Future of Semiconductors - Teaming for Co-Design Research Capacity

Supports projects to cultivate a broad coalition of researchers from across science and engineering communities to utilize a holistic, co-design approach to fundamental research and education and training, to enable rapid progress in new semiconductor technologies. Proposals are sought to support team-formation to articulate co-design visions for the future. Teaming grants are expected to support capacity building across the co-design platform, which positions investigators for future competitive larger research grants and possibly future center activity. Initially, team formation is directed to the following three research areas:

1. Collaborative Research in Domain-Specific Computing;
2. Advancing Function and Achieving High-Performance from Heterointegration; and,
3. New Materials for Energy Efficient, Enhanced-performance and Sustainable Semiconductor-based Systems.

Awards:

Up to 30 awards with a combined total of \$10 million

Eligibility:

Please see the following link for detailed eligibility information.

Deadline:

07/18/2022

Links:

<https://www.nsf.gov/pubs/2022/nsf22589/nsf22589.htm>

Opportunities for Promoting Understanding through Synthesis

Supports individuals, typically at later-career stages, who have contributed significant insights to a field or body of research over time. The program provides an opportunity to revisit and synthesize that prior research into a unique, integrated product(s) useful to the scientific community, now and in the future. All four clusters within the Division of Environmental Biology (Ecosystem Science, Evolutionary Processes, Population and Community Ecology, and Systematics and Biodiversity Science) encourage the submission of proposals.

Proposals are accepted on a rolling basis.

Awards:

Up to 15 awards with a combined total of \$3 million

Eligibility:

Restricted to domestic institutions of higher education and nonprofits

Links:

<https://www.nsf.gov/pubs/2022/nsf22591/nsf22591.htm>

Quantum Manufacturing Innovations

Supports EARly-concept Grants for Exploratory Research (EAGER) proposals or standard research proposals which focus on new manufacturing innovations enabling and accelerating the manufacturing of quantum devices with emphases spanning from device fabrication to potential modes of system integration. Research addressing scalable processes and process control of interest could address, among other topics:

1. Sources of decoherence in spin qubits originating from process-related sources;
2. New methods of large area, high-throughput characterization of quantum-based materials and devices;
3. The exploration of new materials platforms and their fabrication through techniques, such as epitaxial growth enabling pathways to protect and use quantum coherence in solid-state environments;
4. Hybrid integration of quantum devices with photonics for the distribution of quantum information;
5. New approaches to packaging that integrates quantum, photonic, and electronic functions in a vacuum environment; or
6. Approaches towards the automated scalable manufacturing of devices applicable to quantum computers, sensors, and systems.

Research projects should be based on the close collaboration between experiment and theory, and/or to novel, unconventional, and high-risk/high-reward ideas or strategies to address key scientific challenges in the manufacturing of quantum-based devices. Close collaboration between manufacturing and device scientists is strongly encouraged.

Awards:

Multiple awards of variable amounts

Eligibility:

Please see the following link for detailed eligibility information.

Deadline:

06/01/2022

Links:

<https://www.nsf.gov/pubs/2022/nsf22074/nsf22074.jsp>

Resilient & Intelligent NextG Systems - Virtual Organization

Establishes a Virtual Organization (VO) for the RINGS program - a partnership with the Office of the Under Secretary of Defense for Research and Engineering (OUSD R&E), the National Institute of Standards and Technology (NIST), and a number of industry partners to enhance both resiliency as well as performance across the various aspects of Next Generation (NextG) communications, networking, and computing systems. The VO will facilitate coordination, collaboration, and community-building across academia, government, and industrial partners. The VO will serve the broader RINGS community, including Principal Investigators (PIs), researchers, and students, to coordinate their efforts and streamline their interactions

with the RINGS partners in order to reduce burden on and improve synergies within the PI community.

Awards:

One award of up to \$1 million

Eligibility:

Restricted to domestic non-governmental entities

Deadline:

08/01/2022

Links:

<https://www.nsf.gov/pubs/2022/nsf22590/nsf22590.htm>

New SBIR/STTR Funding Opportunities

Department of Defense

Hardening Aircraft Systems through Hardware

Supports innovative research concepts from small businesses in the technical domain(s) of Air Platform, Information Systems. In particular, DARPA is interested in understanding the feasibility of Hardening Aircraft Systems through Hardware. The effort will develop, validate, and harden aircraft systems against errors, failures, and cyber-attacks arising from the introduction of electronic pilot kneeboards and maintenance connections into the cockpit.

Awards:

Multiple awards of variable amounts

Eligibility:

Restricted to domestic small business concerns

Deadline:

06/14/2022

Links:

<https://www.dodsbirsttr.mil/topics-app/>

Innovative Fabrication Techniques for Millimeter-Wave Linear Beam Vacuum Electron Devices

Supports innovative research by small businesses to develop new design, fabrication, alignment, and assembly techniques to improve the manufacturability of high power, linear beam vacuum electron (VE) devices. DARPA is interested in new ideas to significantly reduce the cost and time of manufacturing, increase the overall manufacturing yield, and reduce the dependence on skilled touch-labor for the precision fabrication and assembly of devices, particularly at millimeter-wave frequencies.

Awards:

Multiple awards of variable amounts

Eligibility:

Restricted to domestic small business concerns

Deadline:

06/14/2022

Links:

<https://www.dodsbirsttr.mil/topics-app/>

Readout Integrated Circuit Development for 2-micron Cutoff Linear Mode Staircase Avalanche Photodiodes

Supports innovative research concepts from small businesses in the technical domain(s) of Sensors. In particular, DARPA is interested in understanding the feasibility of Readout Integrated Circuit Development for 2 μm Cutoff Linear Mode Staircase Avalanche Photodiodes.

Awards:

Multiple awards of variable amounts

Eligibility:

Restricted to domestic small business concerns

Deadline:

06/14/2022

Links:

<https://www.dodsbirsttr.mil/topics-app/>

NASA**Minority University Research and Education Project (MUREP): STTR Research Planning Grants**

The Minority University Research and Education Project (MUREP)-Small Business Technology Transfer (M-STTR) Research Planning Grant seeks to reduce barriers faced by Minority Serving Institutions (MSIs) and small business concerns (SBCs) in a planning activity to prepare them for NASA's annual Small Business Innovation Research/Small Business Technology Transfer (SBIR/STTR) solicitation.

Awards:

Up to 10 awards of up to \$50,000 each

Eligibility:

Restricted to domestic MSIs

Deadline:

05/23/2022

Links:

<https://www.grants.gov/web/grants/view-opportunity.html?oppId=339442>

Small Business Administration**Tibbetts Awards**

The Tibbetts Awards are presented to those small businesses and organizations judged to exemplify the best in the SBIR or STTR programs. The award is named for Roland Tibbetts, acknowledged as the father of the Small Business Innovation Research (SBIR) program, and is presented to companies and supporting organizations which have leveraged the SBIR/STTR investment, or helped others do so, in a way that has generated measurable impacts. There are two award categories as follows:

1. **Companies** - companies are evaluated based on technical innovation, business impact, broader societal and economic benefits, and how they have leveraged SBIR/STTR investment and programs. Self-nominations are accepted in this category; and
2. **Organizations** - organizations are evaluated based on their unique impact and advocacy of SBIR/STTR awardees, and the creation and sustainability of programs that accelerate or enhance the quality and impact of America's Seed Fund. Self-nominations are accepted in this category.

Awards:

No funding is associated with this announcement

Eligibility:

Please see the following link for detailed eligibility information.

Deadline:

05/04/2022

Links:

<https://tibbettsawards.com/>

New Foundation R&D Funding Opportunities

American Psychological Foundation

Research to Understand and Reduce Mental Illness Stigma

Supports a scholarly graduate-level project that uses a psychological perspective to help understand and reduce the stigma associated with mental illness. The project must address research that shows that stigma is a significant barrier to treatment and recovery for many of the 50 million Americans living with mental illness.

Awards:

One award of \$1,000

Eligibility:

Restricted to researchers at domestic institutions of higher education

Deadline:

05/15/2022

Links:

<https://www.apa.org/apf/funding/franks?tab=1>

Chan Zuckerberg Initiative

Patient-Partnered Collaborations for Single-Cell Analysis of Rare Inflammatory Pediatric Disease

Supports the application of single-cell biology methods to rare inflammatory pediatric diseases that will clarify cellular mechanisms of disease, understand disease heterogeneity, and improve biomarker identification or diagnostics. Projects must include collaborative teams bringing together patient-led rare disease organizations and research teams for 4-year research projects aimed at advancing our understanding of the fundamental science of rare diseases.

Awards:

Multiple awards of up to \$2 million each for a combined period of up to four years

Eligibility:

Unrestricted

Deadline:

05/24/2022

Links:

<https://chanzuckerberg.com/rfa/patient-partnered-collaborations-ppc-for-single-cell-analysis-of-rare-inflammatory-pediatric-disease/>

Foundation for Food and Agriculture Research

Disruptive Technology Fellowships

Supports fertilizer efficiency research and technology development efforts by emerging young scientists in agriculture. The program supports research in the areas of organic fertilizers, intelligent fertilizers, enhanced efficiency fertilizers, biofertilizers, biostimulants, and specialty products, such as highly soluble fertilizers, highly efficient fertilizers for drip irrigation applications, foliar spray, and specialty crops.

Awards:

Up to five awards of up to \$75,000 each

Eligibility:

Please see the following link for detailed eligibility information.

Deadline:

06/01/2022

Links:

https://1r0ixf4416603ktoc7u7n6pe-wpengine.netdna-ssl.com/wp-content/uploads/2022/04/OCP-Fellowship-RFA_Final_4.6.2022.pdf

Gerber Foundation

Research in Pediatric Health, Nutrition, and Development

Supports research projects to identify solutions to common everyday issues and problems in the field of children's health, nutrition, and/or development. The program specifically seeks projects in the following three research program focus areas:

1. **Pediatric Health** - supports applied research projects focused on reducing the incidence of serious neonatal and early childhood illnesses or improving cognitive, social, and emotional aspects of development;
2. **Pediatric Nutrition** - supports projects that assure adequate nutrition to infants and young children, including applied research that evaluates the provision of specific nutrients and their related outcomes; and
3. **Environmental Hazards (Nutrient Competitors)** - supports projects that document the impact or ameliorate the effects of environmental hazards on the growth and development of infants and young children.

Target outcomes for research include new diagnostic tools that may be more rapid, more specific, more sensitive, or less invasive; treatment regimens that are novel, less stressful or painful, more targeted, have fewer side effects, and/or provide optimal dosing; symptom relief; preventative measures; assessment of deficiencies or excesses (vitamins, minerals, drugs, etc.); and risk assessment tools or measures for environmental hazards, trauma, etc. **Concept papers are due May 15.**

Awards:

Multiple awards of up to \$350,000 each

Eligibility:

Restricted to domestic nonprofits and public institutions of higher education

Deadline:

05/15/2022

Links:

<https://www.gerberfoundation.org/how-to-apply/>

Lung Cancer Research Foundation

Minority Career Development Award for Lung Cancer Research

Supports early-stage scientists from underrepresented groups working in lung cancer and working in diverse areas of research including basic, clinical, translational, disparities, and social determinants of health research. The objective of this award is to increase the number of highly skilled and trained researchers from groups that are historically underrepresented in academia, medicine, and leadership in lung cancer research. Research topics may cover a broad variety of areas with lung cancer research.

Awards:

Multiple awards of up to \$150,000 each

Eligibility:

Restricted to researchers at domestic institutions of higher education

Deadline:

05/27/2022

Links:

<https://www.lungcancerresearchfoundation.org/wp-content/uploads/LCRF-GRANTRFP-CDA-FY22-FINAL.pdf>

Schmidt Marine Technology Partners

Global Fisheries Tech Initiative

Supports entrepreneurs and others developing new technologies that increase the sustainability of fisheries around the world. While the initiative does not have a specific regional focus, it seeks technologies that have the potential to enable improvements in multiple regions, especially areas where management and monitoring resources are most limited. Selected projects will reflect a strong understanding of the political structures of target deployment regions. They should be well grounded in both the realities of fishing and fisheries science and management, and in the case of new gear or gear improvements, should offer benefits to fishermen that make adoption feasible. The initiative also encourages applications from individuals and groups who do not typically work on ocean issues, such as companies with technologies for other applications that offer potential in fisheries.

Awards:

Multiple awards of up to \$500,000 each

Eligibility:

Unrestricted

Deadline:

05/20/2022

Links:

<https://www.schmidtmarine.org/sustainable-fisheries-rfp/>

Terms and Conditions for redistribution or republication of the SSTI Funding Supplement

Preparation of the *SSTI Funding Supplement* is possible only through the financial support of dues-paying SSTI member organizations. Use of the *SSTI Funding Supplement* is subject to the following terms and conditions:

- Only the primary member contact, or their SSTI-approved designee, may redistribute this newsletter and/or its content and under no circumstances may the *SSTI Funding Supplement* be placed on a website or database accessible to the general public.
- Any redistribution must be limited to the SSTI member organization's staff, faculty, membership, partner organizations, and client companies.
- All redistributions must include fundingsupplement@ssti.org in the distribution list, give credit to SSTI (including a link to <https://ssti.org>), and include this Terms and Conditions statement.
- Those receiving a redistributed version of the *SSTI Funding Supplement* may not forward those emails to others or make them available to the public.

- With prior permission from SSTI, only the primary member contact, or their SSTI-approved designee, may post back issues of the *SSTI Funding Supplement* on internal and password-protected sites only.

If you have any questions about these terms, to request approval of a primary contact's designee, or to discuss an alternative licensing agreement, please contact Colin Edwards at fundingsupplement@ssti.org.