

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 (June 21)

### New Funding Opportunities for TBED

#### Department of Commerce

#### Economic Recovery Corps & Equity Impact Investments Program

The Economic Development Administration (EDA) has issued two different funding opportunities through one solicitation.

- The **Economic Recovery Corps** (ERC) program will create a national network of at least 50 fellows who will help strengthen the capacity of local economic development organizations nationwide. Fellows will provide direct technical assistance to their local host organizations in underserved areas. They will also gain economic development knowledge and insights to inform EDA's work and help its grantees better serve those who need it most. The ERC will be run by a Network Operator, which should represent an organization or coalition of organizations with extensive expertise in building a fellowship model. They should also have experience providing advanced economic development training and technical assistance to [underserved populations](#). The funding opportunity is to select a Network Operator, **not** to select individual fellows. A single five-year award of up to \$25 million is anticipated. EDA will hold a webinar on the Economic Recovery Corps at 1:30pm (Eastern) on Thursday, June 23.
- Under the **Equity Impact Investments Program**, EDA is hoping to make one national award and is seeking applications from eligible parties to coordinate organizations with a proven track record of effectively working with, conducting outreach to and delivering outcomes for underserved populations and communities to improve equity outcomes for both future and current EDA grantees. EDA seeks proposals that will drive the equity outcomes of economic development work through a suite of technical assistance and coordination activities. Applicants should be well-versed in how to build and implement successful economic development plans that deliver tangible results. Applicants should leverage this expertise, along with a strong network of local and

regional economic and community development organizations, to effectively bring organizations that serve underserved populations and communities into local economic development projects and plans. A single award of up to \$3 million is anticipated.

Funding decisions for both programs must be made by September 30, 2022.

**Eligibility:**

District organizations; Indian Tribes or a consortium of Indian Tribes; States, counties, cities, nonprofits and higher education institutions

**Deadline:**

08/05/2022

**AwardsID(s):**

EDA-HDQ-RNTA-2022-200744

**Links:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=341163>

## Department of Education

### Promoting Postbaccalaureate Opportunities for Hispanic Americans

The DOEd Office of Postsecondary Education invites proposals to: 1) Expand postbaccalaureate educational opportunities for, and improve the academic attainment of, Hispanic students; and, 2) expand the postbaccalaureate academic offerings, as well as enhance the program quality, at the institutions of higher education that are educating the majority of Hispanic college students and helping large numbers of Hispanic and low-income students complete postsecondary degrees. This competition includes an absolute priority focused on academic and career alignment with in-demand occupations or fields.

**Awards:**

Twelve awards from total funding of \$5.9 million.

**Eligibility:**

Public and private U.S. accredited institutions of higher education

**Deadline:**

07/28/2022

**AwardsID(s):**

ED-GRANTS-061322-001

**Links:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=341007>

## National Science Foundation

### Hispanic-Serving Institutions Program Network Resource Centers and Hubs

NSF invites proposals to establish the Hispanic-Serving Institutions (HSI) Program Network Resource Centers and Hub (HSI-Net) consisting of centers and hubs. This will support:

- Up to two centers: an **HSI Program Center for Community Coordination** (HSI-CCC), and an HSI Center for Evaluation, Research, and Synthesis (HSI-CERS)— both awarded as cooperative agreements that are national in scope, represent the breadth of activities important to HSIs, and amplify the range of activities in the HSI Program.
- Up to five **HSI Program Resource Hubs** (HSI-Hubs)— awarded to serve as resources for innovative initiatives organized around key issues that are designed to effectively serve the HSI community and its stakeholders.

The Centers and Hubs will conduct activities designed to:

1. Build a network to establish the infrastructure that will guide the HSI communities as they work to achieve the goals of the HSI Program, incentivize institutional transformation, and support community partnerships.
2. Grow and strengthen organizational capacity at HSIs, developing structures that foster student and/or faculty development and growth, meeting the students where they are in their college careers academically, financially, and socially.
3. Promote research on and broadening participation in STEM at HSIs and topics related to the HSI Program goals.
4. Produce communication and generate collaborative programming to bring together existing and prospective PIs for purposes of building capacity, developing new knowledge about the HSI community, and reporting on and enhancing the impacts of the HSI Program.

**Awards:**

Up to \$29 million will support seven awards across the program components.

**Eligibility:**

Limited to U.S. accredited Hispanic-Serving Institutions

**Deadline:**

11/14/2022

**AwardsID(s):**

NSF 22-602

**Links:**

<https://beta.nsf.gov/funding/opportunities/hsi-program-network-resource-centers-and-hubs-hsi-net>

## New Federal R&D Funding Opportunities

### Department of Agriculture

#### National Animal Disease Preparedness and Response Program

The USDA Animal and Plant Health Inspection Service invites proposals to support projects in the topic areas listed below.

1. Develop, Enhance, and Exercise State and Tribal Animal Disease Outbreak Emergency Response Plans
2. Support Livestock and Poultry Biosecurity
3. Enhance Depopulation, Carcass Disposal, and Decontamination Capabilities
4. Support Animal Movement Decisions in a Disease Outbreak
5. Enhance Animal Disease Traceability for a Disease Outbreak
6. Support Outreach & Education on Animal Disease Prevention, Preparedness, and Response Topics
7. Develop and Deliver Training & Exercises for Animal Agriculture Sector Responders
8. Commodity-Specific Topics, including (a) projects to advance the development of sheep and goat vaccines, and (b) projects to prevent and prepare for foreign and emerging aquatic animal diseases.

**Awards:**

Multiple awards from a total pool of \$17 million.

**Eligibility:**

Indian tribes, federal agencies, state agricultural departments and animal health offices, ag producer trade organizations, higher ed institutions, veterinary medicine colleges, veterinary organizations

**Deadline:**

09/09/2022

**AwardsID(s):**

USDA-APHIS-10025-VSSP0000

**Links:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=341188>

## Department of Defense

### Defense Science Broad Agency Announcement

DARPA Defense Science Office (DSO) invites white paper proposals to identify and create the next generation of scientific discovery "to fuel innovation throughout DARPA and beyond. DSO aims to create strategic surprise advantage for the DoD by pushing science towards its fundamental limits. We look to prevent technological surprise by understanding the path commercial R&D is taking, anticipating that our adversaries will exploit what's available to develop new capabilities in the coming decades. In addition, the office looks for changes at the global scale and the impact they may have on our nation." White paper/proposal abstracts may be submitted at any time for DSO review. Several broad technical thrust areas are identified in the announcement but are not intended to limit technologies to be considered:

- **Novel Materials & Structures:** such as science and technology in quantum devices, atomic scale systems, and functional and structural materials.
- **Sensing and Measurement:** science and technology in quantum sensing and metrology, seeing (sensing) the unseen, and novel light sources.
- **Computation and Processing:** science and technology of quantum computing, cryptography, and modeling of complex systems.
- **Enabling Operations:** technologies to support space-based operations, tactically remote environments, and resource assurance.
- **Collective Intelligence:** exploration of complex social systems, adaptable Artificial Intelligence (AI), and AI-accelerated learning.
- **Global Change:** national security concerns related to global issues associated with raw material availability, environmental catastrophes, and digital societies.

**Awards:**

Multiple awards are anticipated

**Eligibility:**

Unrestricted

**Deadline:**

06/14/2023

**AwardsID(s):**

HR001122S0041

**Links:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=341144>

### Kidney Cancer Research

The Army invites proposals for three different funding mechanisms, all intended to advance research into cures, treatment, and prevention of kidney cancer.

- The **Clinical Trial Award** Three awards are anticipated from total funding of \$8 million. Please use the link below ending oppld=341145.
- The Academy of Kidney Cancer Investigators – **Early-Career Scholar Award** supports a unique, interactive virtual academy providing intensive mentoring, national networking, collaborations, and a peer group for junior faculty emerging as potential leaders of kidney cancer research. Three

awards are anticipated from total funding of \$3.48 million. Please use the link below ending oppID=341143.

- The **Nurse-Initiated Research Award** Two awards are anticipated from total funding of \$960,000. Please use the link below ending oppID=341146.

**Awards:**

Multiple awards are anticipated.

**Eligibility:**

Unrestricted

**Deadline:**

10/20/2022

**AwardsID(s):**

W81XWH-22-KCRP-CTA , W81XWH-22-KCRP-AKCIECSA , W81XWH-22-KCRP-NIRA

**Links:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppId=341145>, <https://www.grants.gov/web/grants/view-opportunity.html?oppId=341143>, <https://www.grants.gov/web/grants/view-opportunity.html?oppId=341146>

## Reconstructive Transplant Research

The Department of the Army invites proposals for three different funding mechanisms within the Reconstructive Treatment Research Program (RTRP)

- The RTRP **Concept Award** supports the exploration of a highly innovative new concept or untested theory that addresses an important problem relevant to reconstructive transplantation and the FY22 RTRP Concept Award Focus Areas. Three awards are anticipated from total funding of \$600,000. Please use the link below ending oppID=341113.
- The **Investigator-Initiated Research Award** is intended to support studies that have the potential to make an important contribution to military-relevant reconstructive transplant research, patient care, and/or quality of life. Three awards are anticipated from total funding of \$3.5 million. Please use the link below ending oppID=341133.
- The FY22 RTRP **Advanced Technology Development Award** is intended to support research critical for the translation of promising preclinical findings into products focused on reconstructive transplantation. . Three awards are anticipated from total funding of \$3.5 million. Please use the link below ending oppID=341132.

**Awards:**

Multiple

**Eligibility:**

Unrestricted

**Deadline:**

10/19/2022

**AwardsID(s):**

W81XWH-22-RTRP-CA, W81XWH-22-RTRP-IIRA, W81XWH-22-RTRP-ATDA

**Links:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppId=341113>, <https://www.grants.gov/web/grants/view-opportunity.html?oppId=341133>, <https://www.grants.gov/web/grants/view-opportunity.html?oppId=341132>

## Department of Health and Human Services

### Clinical Trials in Community Settings to Decrease or Prevent VCID Outcomes

The National Institute on Aging and the National Institute of Neurological Disorders and Stroke jointly invite applications for pragmatic clinical trials to decrease or prevent negative clinical outcomes due to vascular contributions to cognitive impairment and dementia (VCID), including locally representative NIH-defined populations that experience health disparities in dementia. Examples of responsive projects and interventions that affect VCID outcomes include, but are not limited to, blood pressure control implementation; lifestyle modification using aerobic exercise; and early detection and treatment of VCID risk factors. This initiative strives to achieve a state of health equity by mandating that barriers specific to populations that are at risk for experiencing health disparities in the United States be identified and addressed.

**Awards:**

Three awards from a total pool of \$6 million.

**Eligibility:**

Unrestricted domestically

**Deadline:**

09/15/2022

**AwardsID(s):**

RFA-NS-23-001

**Links:**

<https://grants.nih.gov/grants/guide/rfa-files/RFA-NS-23-001.html>

### Leading Edge Acceleration Projects (LEAP) in Health Information Technology

While working to implement Cures Act provisions, the HHS Office of the National Coordinator for Health Information Technology identified gaps with respect to leveraging data to support population-level analyses and delivery of services, as well as integrating clinical knowledge into routine clinical practice. The reasons for these gaps range from a lack of data standards and interoperability to the digitization, integration, and presentation of new evidence into clinical workflows in safe, useful, and useable ways. Therefore, this funding opportunity will support innovative and breakthrough solutions critical to maximize the potential of health IT and achieve the goal of a transformed healthcare delivery system through various methods, such as:

- Determining the fundamental questions, the answers to which will identify barriers to nationwide interoperability and electronic exchange of health data.
- Engaging the health IT industry, along with academic researchers, to identify and develop innovative solutions that address barriers to interoperability.
- Disseminating findings from research while fostering collaboration, advancement, and implementation of solutions and lessons learned with the health IT industry.

Two areas of interest are described in detail in the announcement; each interest will have its own funding award.

**Awards:**

Two awards, each up to \$1 million

**Eligibility:**

Limited to U.S. public and nonprofit private institutions, Tribal governments, and states and local governments

**Deadline:**

08/15/2022

**AwardsID(s):**

NAP-AX-22-001

**Links:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=341131>

## **Network for Personalization of Diagnostic Tests for Alzheimer's Disease and AD-Related Dementias in Older Adults with Multiple Chronic Conditions**

The National Institute on Aging invites applications to establish a national consortium that will conduct transdisciplinary aging diagnostic biomarker and/or imaging research projects focused on Alzheimer's Disease (AD) and AD-Related Dementias and multiple co-occurring chronic conditions (MCCs). The focus of the network is on the complex older patient who lives with MCCs and is being evaluated diagnostically for cognitive impairment or dementia. The aim of the research is to better align diagnostic testing with the needs and priorities of an aging population. Researchers must leverage or build upon existing networks that include older adults living with AD/ADRD and MCCs to enable progress on this topic. Six potential research areas are described in the solicitation.

**Awards:**

A single five-year award is anticipated from total funding of \$1.75 million

**Eligibility:**

Unrestricted domestically

**Deadline:**

10/17/2022

**AwardsID(s):**

RFA-AG-23-032

**Links:**

<https://grants.nih.gov/grants/guide/rfa-files/RFA-AG-23-032.html>

## **Precision Approaches in Radiation Synthetic Combinations**

The National Cancer Institute invites proposals for research projects that seek to investigate actionable synthetic vulnerabilities that can be conditionally paired with tumor responses to radiation therapy. The goal of the Precision Approaches in Radiation Synthetic Combinations (*PAIRS*) program is to develop radiation-synthetic combination strategies and facilitate their adoption into the precision medicine toolkit toward building new and effective anticancer treatments. Potential target areas in the proposed synthetic combination design might include (but are not limited to):

- Epigenetic reprogramming
- Membranes (*e.g.*, lipid peroxidation)
- Metabolic reprogramming
- Organelle-linked processes (*e.g.*, mitochondria, nuclear pore complex, DNA damage-repair, endoplasmic reticulum, lysosomes, autophagy, and proteotoxic stress)
- RNA processing (*e.g.*, ribosome, spliceosome)
- Stemness and state transition pathways
- Tumor microenvironment targets (*e.g.*, cancer-associated fibroblasts, myeloid-derived suppressor cells)

R01 research awards are requested in solicitation PAR-22-198; those seeking R21 Exploratory/Development awards should use solicitation PAR-22-198.

**Awards:**

Multiple awards are anticipated.

**Eligibility:**

Unrestricted

**Deadline:**

10/05/2022

**AwardsID(s):**

PAR-22-198 , PAR-22-199

**Links:**

<https://grants.nih.gov/grants/guide/pa-files/PAR-22-198.html>, <https://grants.nih.gov/grants/guide/pa-files/PAR-22-199.html>

## Registry of Medical Cannabis Use and Health Outcomes

The National Institute on Drug Abuse invites applications to develop and maintain a medicinal cannabis use registry to assess the medical conditions reported as reasons for using medicinal cannabis, how and what products are being used, and the associated medical outcomes. The goal of this registry is to inform research, policy, and clinical recommendation practices on medicinal cannabis, associated conditions, and outcomes. Eleven objectives are outlined in the announcement and are expected to be met by the successful applicant.

**Awards:**

A single five-year award of up to \$1.5 million is anticipated.

**Eligibility:**

Unrestricted

**Deadline:**

11/15/2022

**AwardsID(s):**

RFA-DA-23-011

**Links:**

<https://grants.nih.gov/grants/guide/rfa-files/RFA-DA-23-011.html>

## Studying Cancer Communication in the New Information Ecosystem

The National Cancer Institute invites proposals through two funding mechanisms to support research projects in three distinct domains related to cancer communication: 1) the utility and application of new cancer communication surveillance approaches; 2) the development and testing of rapid cancer communication pilot interventions using innovative methods and designs; and 3) the development and testing of multilevel cancer communication models emphasizing bidirectional influence between levels. R01 research awards are requested in solicitation PAR-22-164; those seeking R21 Exploratory/Development awards should use solicitation PAR-22-165.

**Awards:**

Multiple awards are anticipated.

**Eligibility:**

Unrestricted domestically

**Deadline:**

10/16/2022

**AwardsID(s):**

PAR-22-164, PAR-22-165



**Links:**

<https://grants.nih.gov/grants/guide/pa-files/PA-22-164.html>, <https://grants.nih.gov/grants/guide/pa-files/PA-22-165.html>

## National Science Foundation

### Faculty Early Career Development Program

The Faculty Early Career Development (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation's most prestigious awards in support of early-career faculty who have the potential to serve as academic role models in research and education and to lead advances in the mission of their department or organization. Activities pursued by early-career faculty should build a firm foundation for a lifetime of leadership in integrating education and research. NSF encourages submission of CAREER proposals from early-career faculty at all CAREER-eligible organizations and especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply.

**Awards:**

500 awards annually from total funding of \$250 million

**Eligibility:**

nonprofit organizations and institutions of higher education

**Deadline:**

07/27/2022

**AwardsID(s):**

NSF 22-586

**Links:**

<https://beta.nsf.gov/funding/opportunities/faculty-early-career-development-program-career>, [https://www.nsf.gov/publications/pub\\_summ.jsp?WT.z\\_pims\\_id=503214&ods\\_key=nsf22586](https://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=503214&ods_key=nsf22586)

### Launching Early-Career Academic Pathways in the Mathematical and Physical Sciences

The Launching Early-Career Academic Pathways in the Mathematical and Physical Sciences (LEAPS-MPS) call has an emphasis to help launch the careers of pre-tenured faculty at institutions that do not traditionally receive significant amounts of NSF-MPS funding, such as some minority-serving institutions, predominantly undergraduate institutions, and Carnegie Research 2 universities. LEAPS-MPS has the additional goal of achieving excellence through diversity and aims to broaden participation to include members from groups historically excluded and currently underrepresented in the Mathematical and Physical Sciences, including Blacks and African Americans, Hispanics, Latinos, Native Americans, Alaska Natives, Native Hawaiians, and other Native Pacific Islanders.

**Awards:**

48 awards, each up to \$250,000 in total costs.

**Eligibility:**

Limited to U.S. accredited institutions of higher education

**Deadline:**

01/26/2023

**AwardsID(s):**

NSF 22-604

**Links:**

[https://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf22604](https://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf22604)

# New Foundation R&D Funding Opportunities

## American Gastroenterological Association Foundation

### Gastric Cancer Research

The Robert & Sally Funderburg Research Award provides a grant of \$50,000 per year for two years to an established investigator in the field of gastric cancer research working to enhance the fundamental understanding of gastric cancer pathobiology or approaches to prevent, treat, or cure gastric cancer. The following areas are of particular interest:

- Gastric mucosal cell biology.
- Regeneration and regulation of cell growth (not as they relate to peptic ulcer disease or repair).
- Inflammation (including *Helicobacter pylori*) as precancerous lesions.
- Genetics of gastric carcinoma.
- Oncogenes in gastric epithelial malignancies.
- Epidemiology of gastric cancer.
- Etiology of gastric epithelial malignancies.
- Clinical research in the diagnosis or treatment of gastric carcinoma.

#### Awards:

A single award is anticipated.

#### Eligibility:

Applicants must be established as an independent investigator in the field of gastric biology possessing a MD, PhD and/or equivalent degree (e.g., MBBS, MBChB, DO).

#### Deadline:

07/19/2022

#### Links:

<https://gastro.org/research-and-awards/apply-for-awards/award/aga-r-robert-sally-funderburg-research-award-in-gastric-cancer/>

## BrightFocus Foundation

### Macular Degeneration Research

The foundation invites proposals to support macular degeneration research through three funding mechanisms, each requiring only a 2-3 page description of the proposed research:

- **Postdoctoral Fellowship Program** supports young postdoctoral researchers during their final stages of mentored training. The award provides salary support for a young scientist to conduct postdoctoral studies in an established laboratory focused on research contributing to understanding the biological causes and/or new clinical treatment of macular degeneration and should also serve as the basis for the applicant's own independent research career. Two-year research projects will be supported with up to \$100,000 per year.
- **New Investigator Grant Program** supports investigators during their early years as an independent investigator involved in studies that have an impact on the causes and/or treatment of macular degeneration. Three-year research projects will be supported with up to \$150,000 per year.
- **Innovative Research Grants** support high-risk/high-gain age-related macular degeneration research. We hope to attract established investigators to apply for this support, but the aims of the application must contain outside-the-box ideas that are novel in the field. Applicants who are experts in another field are encouraged to apply their talents to proposing innovative research in

the macular degeneration field. Three-year research projects will be supported with up to \$200,000 per year.

**Awards:**

Multiple awards are anticipated

**Deadline:**

07/28/2022

**Links:**

<https://science.brightfocus.org/research/macular-degeneration-research-program/rfp>

## Davis Phinney Foundation for Parkinson's

### Parkinson's Disease Research

The foundation invites letters of intent for scientific inquiry and innovation in areas linked to the foundation's mission that has the potential to uncover solutions that will have a direct impact on Parkinson's motor and non-motor manifestations or disease progression. The 2022 priority area is weight/strength/resistance training and Parkinson's. The foundation is primarily interested in reviewing projects that seek to use clinical research methodologies to understand or explore mechanisms of benefit or expand on data and/or validate positive outcomes from weight/strength/resistance training interventions and therapies.

**Awards:**

Up to \$100,000 per award.

**Eligibility:**

Basic and clinical researchers from United States and non-U.S. public and private nonprofit entities, such as universities, colleges, and hospitals.

**Deadline:**

07/15/2022

**Links:**

<https://davisphinneyfoundation.org/research/grants/>

## New Challenges and Prize Competitions

### Antares Capital and Hello Alice

#### Antares REACH Grant Program

The Antares REACH Grant Program will provide \$20,000 grants to small businesses, with an emphasis on businesses preparing for their next stage of growth; operated by historically underrepresented entrepreneurs; and providing important community services. To be eligible, a business must:

- Be a for-profit business that is majority (51%) owned and/or operated by individuals who identify as New Majority (Women, People of Color, Military-affiliated, Persons with Disabilities, or LGBTQ+)
- Have less than \$5 million USD in annual revenue
- Have a demonstrated need for support
- Have a strong plan for moving forward

Grant recipients will be eligible to receive an additional \$5,000 unrestricted grant after completion of a post-grant report.

**Awards:**

40 grants from a total pool of \$1 million.

**Deadline:**

07/15/2022

**Links:**

<https://helloalice.com/grants/antares-capital/>

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