

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 (September 6)

### New Funding Opportunities for TBED

#### Department of Energy

##### Grid Resilience and Innovation Partnerships

DOE is seeking public input on the draft version of a upcoming Funding Opportunity Announcement to help inform DOE's implementation of the Bipartisan Infrastructure Law. The activities to be funded under this opportunity will support three BIL sections, which together, DOE refers to these programs as the Grid Resilience and Innovation Partnerships (GRIP) program. There is \$3.9 billion available through the program; 90 awards are anticipated with a maximum size of \$250 million each. The draft proposal instructions for the program are available under the "Related Documents" tab on the link below. Please submit your written comments by email to [GDORFI@hq.doe.gov](mailto:GDORFI@hq.doe.gov) by 5 PM Eastern Time on October 14, 2022.

**Awards:**

None at this time

**Eligibility:**

Unrestricted

**Deadline:**

10/12/2022

**AwardsID(s):**

DE-FOA-0002740

**Links:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343309>

## **New Federal R&D Funding Opportunities**

### **Department of Agriculture**

#### **Sustainable Agriculture Research and Education Program**

The National Institute of Food and Agriculture invites proposals for eligible organizations to serve as regional host institutions for the Sustainable Agriculture Research and Education Program. The goal is to encourage research and outreach designed to increase knowledge concerning agricultural production systems that:

1. maintain and enhance the quality and productivity of the soil;
2. conserve soil, water, energy, natural resources, and fish and wildlife habitat;
3. maintain and enhance the quality of surface and ground water;
4. protect the health and safety of persons involved in the food and farm system;
5. promote the well-being of animals; and
6. increase employment opportunities in agriculture

**Awards:**

Multiple awards from a pool of \$42 million.

**Eligibility:**

State & federal entities, institutions of higher education, nonprofit organizations, cooperative extension services

**Deadline:**

11/14/2022

**AwardsID(s):**

USDA-NIFA-OP-009382

**Links:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343321>, <https://www.nifa.usda.gov/grants/funding-opportunities/sustainable-agriculture-research-education-sare-regional-host>

### **Department of Health and Human Services**

#### **BRAIN Initiative: Engineering and optimization of molecular technologies for functional dissection of neural circuits**

Multiple NIH Institutes are inviting applications to create Molecular Payloads Centers that focus on iterative optimization of molecular technologies for monitoring and/or manipulating neural activity in defined brain cell types in experimental animals. The optimization will entail engineering and testing efforts at large scale with feedback among multidisciplinary investigator teams. The optimized technologies are expected to have transformative impact to reveal more about dynamic functions of cells and circuits that underlie behavior. This opportunity requires a Plan for Enhancing Diverse Perspectives as part of the application.

**Awards:**

5-9 awards from a pool of \$13 million

**Eligibility:**

Unrestricted

**Deadline:**

06/28/2023

**AwardsID(s):**

RFA-MH-22-245

**Links:**

<https://grants.nih.gov/grants/guide/rfa-files/RFA-MH-22-245.html>

**Environmental influences on Child Health Outcomes (ECHO) Laboratory Core**

The National Institutes of Health has issued seven separate, but closely related, funding opportunities to support a network of R&D activities to study Environmental influences on Child Health Outcomes (ECHO). The goal of all of them is to further investigate the roles of a broad range of early exposures from society to biology, including the preconception period, on ECHO's five key child health outcome areas—pre-, peri- and postnatal, upper and lower airways, obesity, neurodevelopment, and positive health—among diverse populations. Four of the opportunities will make single awards to establish a \$7.5million ECHO Laboratory Core (RFA-OD-22-016), a \$3.5 million Measurement Core (RFA-OD-22-020), a \$14 million ECHO Coordinating Center (RFA-OD-22-021), and a \$14.5 million ECHO Data Analysis Center (RFA-OD--22-022). The remaining three announcements will make 50 awards between them from a pool of \$117 million to support individual research projects targeting different populations: pregnancies (RFA-OD-22-017), pregnancies and pediatrics (RFA-OD-22-017) and pediatric follow-ups (RFA-OD-22-018). The deadline for all seven solicitations is Nov 21, 2022.

**Eligibility:**

Unrestricted Domestically

**Deadline:**

11/21/2022

**AwardsID(s):**

RFA-OD-22-016, RFA-OD-22-017, RFA-OD-22-018, RFA-OD-22-019, RFA-OD-22-020, RFA-OD-22-021, RFA-OD-22-022

**Links:**

<https://grants.nih.gov/grants/guide/rfa-files/RFA-OD-22-016.html>, <https://grants.nih.gov/grants/guide/rfa-files/RFA-OD-22-017.html>, <https://grants.nih.gov/grants/guide/rfa-files/RFA-OD-22-018.html>, <https://grants.nih.gov/grants/guide/rfa-files/RFA-OD-22-019.html>, <https://grants.nih.gov/grants/guide/rfa-files/RFA-OD-22-020.html>, <https://grants.nih.gov/grants/guide/rfa-files/RFA-OD-22-021.html>, <https://grants.nih.gov/grants/guide/rfa-files/RFA-OD-22-022.html>

# New Foundation R&D Funding Opportunities

## American Psychological Foundation

### R&D into public's understanding of the psychological pain and stigma

The foundation invites applications for its Scott and Paul Pearsall Grant program. Through the program, a single grant of \$10,000 will be awarded in support of graduate and early-career work designed to increase the public's understanding of the psychological pain and stigma experienced by adults with visible physical disabilities, such as cerebral palsy. A priority of the program is to develop strategies to improve the public's understanding of the psychological pain and stigma felt by individuals with visible physical disability, in order to reduce harmful misconceptions.

**Awards:**

One award

**Eligibility:**

full-time graduate students in good standing at an accredited university or early career psychologists

**Deadline:**

10/01/2022

**Links:**

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

## SATB2 Gene Foundation Board

### SATB2 research

The board is highly interested in research proposals that would create pilot data to support larger-scale grant submissions to other funding sources to drive research momentum. The SATB2 Gene Foundation, Inc. was established to enrich the lives of individuals with SATB2-associated syndrome (SAS), including those diagnosed with the condition and their families, through support, research, and education. Previously described as Glass syndrome or 2q33.1 syndrome, SAS is a recently recognized rare neurogenetic disorder with approximately 550 known cases worldwide. For this opportunity, the board prioritizes the following areas in SAS research based on high-impact needs identified by a recent independent scientific analysis and caregiver input: speech and language, behavior, sleep, and global developmental delays. Additional research priorities include projects on *SATB2* function and expression, variations in clinical phenotypes, and symptomatic and/or curative therapeutic interventions.

**Awards:**

Multiple grants of up to \$30,000 will be awarded

**Eligibility:**

Investigators affiliated with an academic institution, hospital system, nonprofit institution, or other accredited research institution

**Deadline:**

10/10/2022

**Links:**

<https://philanthropynewsdigest.org/rfps/rfp14194-satb2-gene-foundation-invites-applications-for-research>

## Sigma Xi

### Student science and engineering research grants

Since 1922, the Sigma Xi Grants in Aid of Research (GIAR) program has provided undergraduate and graduate students with valuable educational experiences. By encouraging close working relationships between students and mentors, the program promotes scientific excellence and achievement through hands-on learning. The program awards grants of up to \$1,000 to students from most areas of the sciences and engineering. Designated funds from the National Academy of Sciences allow for grants of up to \$5,000 for astronomy research and \$2,500 for vision related research. Sigma Xi strongly encourages applications from women and underrepresented minorities, including Blacks or African Americans, Hispanics or Latino, Native Americans, Alaskan Natives, or Native Hawaiians.

**Awards:**

Multiple awards are anticipated.

**Eligibility:**

Sigma Xi members or whose primary advisors are members.

**Deadline:**

10/01/2022

**Links:**

<https://www.sigmaxi.org/programs/grants-in-aid-of-research>

## Whitehall Foundation

### Under-supported biomedical research

Aiming to support scholarly research in the life sciences that is not heavily supported by federal agencies or other foundations with specialized missions, the foundation invites proposals to support of either young scientists at the beginning of their careers and productive senior scientists who wish to move into new fields of interest through the following two grant mechanisms. Applicants must be assistant professors or above and may not have more than \$200,000 in extramural funding already to support their research. The two opportunities are:

- **Research grants** up to \$100,000/year are available to established scientists of all ages working at accredited institutions in the United States. Applications will be judged on the scientific merit and the innovative aspects of the proposal as well as on the competence of the applicant.
- The **Grants-in-Aid** program is designed for researchers at the assistant professor level who experience difficulty in competing for research funds because they have not yet

become firmly established. Grants-in-Aid can also be made to senior scientists. Maximum grant size is \$30,000.

**Awards:**

Multiple awards are anticipated.

**Deadline:**

10/01/2022

**Links:**

<http://whitehall.org/grants/>

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