

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 (August 23)

### New Funding Opportunities for TBED

#### Department of Defense

#### Supplement funding for Procurement Technical Assistance Centers

The Defense Logistics Agency seeks applications from existing PTAC award recipients to provide additional Procurement Technical Assistance services, not already included in their awards. This opportunity may only result in a modification to an existing award and will not result in any new awards. The terms and conditions, including cost-matching requirements of the award will apply to supplemental funding modifications. The Federal funding limitations are listed below:

- \$750,000 in the case of an entity that operates a PTAC providing less than statewide coverage;
- \$1,000,000 in the case of an entity that operates a PTAC providing statewide coverage;
- \$1,000,000 in the case of an entity that operates a PTAC wholly within more than one service area of the Bureau of Indian Affairs
- \$450,000 in the case of an entity that operates a PTAC wholly within one service area of the BIA.

#### Awards:

There is \$50.012 million available for multiple awards.

#### Eligibility:

Only existing PTAC award recipients are eligible to apply for this additional funding.

**Deadline:**

09/02/2022

**AwardsID(s):**

DOD-202203

**Links:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343171>

## NASA

### NASA EPSCoR Program

NASA invites proposals for its 2023 EPSCoR program. The following are the specific objectives of NASA EPSCoR:

- Contribute to and promote the development of research capability in NASA EPSCoR jurisdictions in areas of strategic importance to the NASA mission;
- Improve the capabilities of the NASA EPSCoR jurisdictions to gain support from sources outside the NASA EPSCoR program;
- Develop partnerships among NASA research assets, academic institutions, and industry;
- Contribute to the overall research infrastructure, science and technology capabilities of higher education, and economic development of the jurisdiction.

Proposals will be accepted only from the 26 NASA EPSCoR Directors at the lead institutions for which they are currently serving. The NASA EPSCoR Directors from the following jurisdictions are eligible to submit one proposal to this NASA EPSCoR solicitation: Alabama, Alaska, Arkansas, Delaware, Guam, Hawaii, Idaho, Iowa, Kansas, Kentucky, Louisiana, Maine, Mississippi, Montana, Nebraska, Nevada, New Hampshire, New Mexico, North Dakota, Oklahoma, Puerto Rico, Rhode Island, South Carolina, South Dakota, US Virgin Islands, Vermont, West Virginia, and Wyoming.

**Awards:**

10 awards from pool of \$7.5 million

**Eligibility:**

States eligible for the NSF EPSCoR program.

**Deadline:**

11/16/2022

**AwardsID(s):**

NNH23ZHA001C

**Links:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=342871>

## New Federal R&D Funding Opportunities

### Department of Commerce

#### Weather Program Office Research

Through one solicitation, NOAA's Weather Program Office (WPO) invites proposals for four grant competitions valued at approximately \$13.5 million per year as follows:

1. Innovations for Community Modeling,
2. Observations,
3. Social, Behavioral, and Economic Sciences; and
4. Verification of the Origins of Rotation in Tornadoes Experiment in the United States.

NOAA will support new weather, water, and earth system observing and forecasting applications, including improved analysis techniques, better statistical or dynamic forecast models and techniques, and communication of that information to better inform the public. In particular, projects are sought that are responsive to the Priorities articulated in the Science Advisory Board's 2021 Priorities for Weather Research Report.

**Awards:**

40 multi-year awards across all 4 programs from a collective pool of \$85 million

**Eligibility:**

Unrestricted domestically

**Deadline:**

11/17/2022

**AwardsID(s):**

NOAA-OAR-WPO-2023-2007516

**Links:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343188>

## Department of Education

### Digital Learning Platforms Network expansion

The Institute of Education Sciences will invite applications on October 20, 2022 to expand the Digital Learning Platforms Network, also known as SEERNet. Originally established in FY 2021, SEERNet seeks to add new research teams to catalyze innovative research on equitable learning at scale. Presently there are five digital learning platforms participating in the network.

**Awards:**

Multiple two-year awards ranging from \$80,000 to \$200,000.

**Eligibility:**

Unrestricted domestically

**Deadline:**

02/23/2023

**AwardsID(s):**

ED-GRANTS-081922-001

**Links:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343158>, <https://seernet.org/>

## **Lead of a Career and Technical Education Research Network**

The National Center for Education Research invites applications from organizations to serve as the lead role in the Career and Technical Education (CTE) Research Network. The CTE Network will conduct research on CTE through projects funded by other Institute of Education Sciences grant competitions. Applicants will be evaluated on the quality of the overall network administration and coordination plan, the quality of the research plan, the quality of the training plan, the quality of the leadership and dissemination plans, the qualifications and experience of the personnel, and the resources of the applicant to support the proposed activities. Applications will be available October 20.

### **Awards:**

A single five-year award between \$500,000 and \$750,000

### **Eligibility:**

Institutions of higher education, public and or private non-profit organizations and or agencies, and consortia of such institutions, organizations, or agencies that have the ability and capacity to conduct scientifically valid research.

### **Deadline:**

02/23/2022

### **AwardsID(s):**

ED-GRANTS-081922-003

### **Links:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343165>

## **Special Education Research and Development Center**

The National Center for Special Education Research invests in Special Education Research and Development Centers that contribute to the body of special education knowledge in the United States by engaging in research, development, evaluation, and national leadership activities aimed at improving the education system and, ultimately, student achievement. Presently NCSER invites applications to create a new R&D Center on Supporting Students with Disabilities in Postsecondary Education. Applications will be available September 30, 2022.

### **Awards:**

A single five-year award of up to \$1 million.

### **Eligibility:**

Unrestricted domestically

### **Deadline:**

01/23/2023

### **AwardsID(s):**

ED-GRANTS-081922-002

### **Links:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343141>

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

## **Chemical Countermeasures Research Program (CCRP) Initiative: Basic Research on The Deleterious Effects of Acute Exposure to Ultra-Potent Synthetic**

Multiple NIH Institutes invite applications to support transformative research to identify and validate mechanisms, signaling pathways, and therapeutic targets, for understanding and reversing the effects of an overdose and the observed toxicities caused by acute Ultra-Potent Synthetic opioid exposure. This opportunity will also support mechanistic studies of persistent or delayed pathophysiological effects after acute exposure to Ultra-Potent Synthetic opioids. When developing proposals on the topics listed, applications must be clear in dissociating potential direct toxic effects from long-term effects caused by acute exposure to Ultra-Potent Synthetic opioids. Additionally, mechanisms secondary to acute effects must be dissociated from direct pharmacotoxicological effects of the Ultra-Potent Synthetic opioid at the end-organ.

### **Awards:**

6 awards from a pool \$2.5 million

### **Eligibility:**

Unrestricted Domestically

### **Deadline:**

11/17/2022

### **AwardsID(s):**

RFA-DA-23-056

### **Links:**

<https://grants.nih.gov/grants/guide/rfa-files/RFA-DA-23-056.html>

## **Consortium on Translational Research in Early Detection of Liver Cancer: Translational Research Centers**

The National Cancer Institute is soliciting applications through for a Liver Cancer Consortium focused on advancing translational research in the early detection of liver cancer. RFA-CA-22-031 will fund five individual research project grants while RFA-CA-22-032 will support a resource-related research coordinator. The resulting Translational Research Centers will conduct studies to improve the surveillance of liver cancer in members of high-risk populations, increase the fraction of liver cancer detected at an early stage, and better stratify patients at risk of developing liver cancer. Regardless of the specific area(s) of research proposed, all research projects should include biomarker-based research approaches. Although the degree of emphasis on that aspect may vary, it is a general expectation that biomarker-based approaches will be a prominent element of all studies.

### **Awards:**

Total pool of \$4.4 million

### **Eligibility:**

Unrestricted Domestically

**Deadline:**

11/07/2022

**AwardsID(s):**

RFA-CA-22-031, RFA-CA-22-032

**Links:**

<https://grants.nih.gov/grants/guide/rfa-files/RFA-CA-22-031.html>, <https://grants.nih.gov/grants/guide/rfa-files/RFA-CA-22-032.html>

**Development and validation of virtual assessments to study children and caregivers in their natural environment**

The National Institute on Drug Abuse seeks grant applications that will establish validated virtual measures of soFor either opportunity, awards will come from a mutual pool of \$7.5 million. The application for research project grants not involving clinical trials, RFA-DA-23-050, is due February 3rd, 2023. Proposals for projects involving human subjects, RFA-DA-23-055, are due February 7th, 2023. For either opportunity, awards will come from a mutual pool of \$7.5 million. The application for research project grants not involving clinical trials, RFA-DA-23-050, is due February 3rd, 2023. Proposals for projects involving human subjects, RFA-DA-23-055, are due February 7th, 2023. ciocultural, biobehavioral and environmental mechanisms that underlie trajectories of substance use, substance use exposures, and substance use disorders. The objectives of these opportunities are to develop and establish ecologically valid remote assessments to study developmental outcomes and trajectories of substance use exposures. Applications are encouraged to utilize a multilevel approach, leveraging data types at the physiological, behavioral, and/or observational levels, to ascertain developmental outcomes across multiple domains of influence, including but not limited to assessments of sociocultural, biobehavioral and environmental mechanisms.

For either opportunity, awards will come from a mutual pool of \$7.5 million. For either opportunity, awards will come from a mutual pool of \$7.5 million. The application for research project grants not involving clinical trials, RFA-DA-23-050, is due February 3rd, 2023. Proposals for projects involving human subjects, RFA-DA-23-055, are due February 7th, 2023.

**Awards:**

8-12 awards from a pool of \$7.5 million

**Eligibility:**

Unrestricted Domestically

**AwardsID(s):**

RFA-DA-23-050, RFA-DA-23-055

**Links:**

<https://grants.nih.gov/grants/guide/rfa-files/RFA-DA-23-050.html>, <https://grants.nih.gov/grants/guide/rfa-files/RFA-DA-23-055.html>

## **Fostering Mental, Emotional, and Behavioral Health Among Children in School Settings: Opportunities for Multisite Trials of Complementary and Integrative Health Interventions**

Multiple NIH Institutes invite applications to support multi-site clinical trials in geographically diverse school settings to test the efficacy or effectiveness of complementary and integrative health approaches with physical and/or psychological therapeutic inputs to promote mental, emotional, and behavioral health and prevent disorders among youth. The overall goal is to provide support for a set of multisite trials to improve the evidence base of complementary and integrative health approaches that can be delivered in a school-based setting or with students to address the youth mental health crisis.

The project must include a complementary or integrative health intervention. It must also study mental, emotional, and behavioral health in youth in school settings or identify youth at schools and then provide after school or telehealth delivered intervention for youth.

### **Awards:**

3 awards from a pool of \$1.5 million

### **Eligibility:**

Unrestricted Domestically

### **Deadline:**

10/28/2022

### **AwardsID(s):**

RFA-AT-23-003

### **Links:**

<https://grants.nih.gov/grants/guide/rfa-files/RFA-AT-23-003.html>

## **Integrative Research to Understand the Impact of Sex Differences on the Molecular Determinants of AD Risk and Responsiveness to Treatment**

The National Institute on Aging invites applications that apply a cross-disciplinary and team science approach to gain a comprehensive mechanistic understanding of the impact of sex differences on the molecular trajectories of brain aging on the phenotypes of risk and resilience to Alzheimer's disease and related dementias, and on the molecular determinants underlying responsiveness to pharmacologic and non-pharmacologic interventions. National Institute on Aging encourages research focused on, but not limited to 1) the impact of sex differences on the molecular trajectories of brain aging and progression across groups of varied ethnicities; 2) mechanisms underlying sex differences in brain bioenergetics, blood-brain barrier and neurovascular unit function, myelin integrity, synaptic plasticity, and neural circuits integrity as they relate to the transition from healthy to pathologic brain aging/neurodegeneration; 3) molecular mechanisms by which sex differences influence differential vulnerability to metabolic, vascular, and inflammatory risk factors.

### **Awards:**

Multiple Awards are anticipated

**Eligibility:**

Unrestricted

**Deadline:**

11/11/2022

**AwardsID(s):**

PAR-22-228

**Links:**

<https://grants.nih.gov/grants/guide/pa-files/PAR-22-228.html>

**Laboratory of Developmental Biology**

Multiple NIH Institutes are accepting applications to support an established research resource program to serve the biomedical research community aimed at the collection, identification, staging, and distribution of conceptual tissues for use in studies to understand the underlying developmental biology of normal and abnormal human development as well as human pathologies. In addition to the main objectives of staging, identifying, and processing of normal and abnormal specimens, the applicant may propose the development of new approaches for improving these processes, such as the use of imaging techniques, genomic analyses and immuno-staining procedures.

**Awards:**

Multiple Awards are anticipated

**Eligibility:**

Unrestricted Domestically

**Deadline:**

11/02/2022

**AwardsID(s):**

PAR-22-229

**Links:**

<https://grants.nih.gov/grants/guide/pa-files/PAR-22-229.html>

**MPRINT Translational Research Resource Platform**

The Eunice Kennedy Shriver National Institute of Child Health and Human Development invites applications from organizations to establish Translational Research Resource Platforms that will facilitate, support, and conduct therapeutic-focused research for maternal and pediatric populations. The objectives of this opportunity are to support multidisciplinary groups of researchers to conduct collaborative, team-based science utilizing cutting-edge technologies and adapting innovative approaches to:

1. Develop analytic tools and lab platforms to advance precision therapeutics in maternal and pediatric populations;
2. Enable and accelerate the discovery of biomarkers with translational potential for therapeutic targets of maternal or pediatric conditions; and/or



3. Validate and support the qualification of biomarkers for maternal and pediatric conditions.

**Awards:**

3 awards from a pool of \$3 million

**Eligibility:**

Unrestricted Domestically

**Deadline:**

12/01/2022

**AwardsID(s):**

RFA-HD-23-018

**Links:**

<https://grants.nih.gov/grants/guide/rfa-files/RFA-HD-23-018.html>

## **Practice-Based Research Integrating Multidisciplinary Experiences in Dental Schools**

The National Institute of Dental and Craniofacial Research is soliciting research to be conducted in the dental school predoctoral/postdoctoral clinic setting to provide clinical faculty and predoctoral/postdoctoral students/residents with skills development opportunities and patient-oriented clinical research experiences through intra/inter-institutional collaborations and peer and student mentoring partnerships. Examples of practice-based research studies that might be conducted in dental school clinics and/or extramural clinics affiliated with dental schools include but are not limited to: 1) Research to determine impactful innovations to dental practice that reduce the risk of virus transmission and ensure the safety of personnel and patients in dental practices; 2) Research collaboration between a high research-resourced dental school and high minority-serving dental school to understand racial, ethnic, and/or sex/gender differences in dental care recommended and/or received; and, 3) Research to develop or improve diagnostic criteria, reliable markers, and/or imaging techniques for assessing the onset and progression of oral disease, such as caries, periodontal disease, pulpitis.

**Awards:**

6-7 awards from a pool of \$5 million

**Eligibility:**

Unrestricted Domestically

**Deadline:**

12/15/2022

**AwardsID(s):**

RFA-DE-23-012

**Links:**

<https://grants.nih.gov/grants/guide/rfa-files/RFA-DE-23-012.html>

## **Radiation Oncology-Biology Integration Network**

The National Cancer Institute is soliciting applications for U54 Research Centers that will collectively establish the Radiation Oncology-Biology Integration Network (ROBIN). Each proposed Research Center must articulate an overarching scientific theme that defines the Center. Each ROBIN Center must be organized as follows: 1) Molecular Characterization Trials; 2) Each proposed ROBIN U54 Center must have a minimum of two well-developed and interrelated Research Projects with specific aims that directly mesh with the scope and design of the Molecular Characterization Trial; 3) Research Cores such as data sciences, imaging, dosimetry, biospecimens, models, -omics, statistics, pathology.

**Awards:**

Two awards from a pool of \$3.2 million

**Eligibility:**

Unrestricted Domestically

**Deadline:**

10/03/2022

**AwardsID(s):**

RFA-CA-22-046

**Links:**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-22-046.html>

### **Research Resource Center to Build an Open-Access Repository and Database for Anatomical and Physiological Correlates of Acupoints**

The National Center for Complementary and Integrative Health is soliciting applications for one research resource center to build an Open-Access Repository and Database for Anatomical and Physiological Correlates of Acupoints. This opportunity will support the development and maintenance of a repository and database for commonly used acupoints along with key anatomical specifications and other relevant parameters as well as integration with other databases with physiological correlates.

**Awards:**

\$1.2 million to fund one award

**Eligibility:**

Unrestricted Domestically

**Deadline:**

11/30/2022

**AwardsID(s):**

RFA-AT-23-005

**Links:**

<https://grants.nih.gov/grants/guide/rfa-files/RFA-AT-23-005.html>

### **The Early Detection Research Network: Clinical Validation Centers**

The National Cancer Institute invites applications to establish and enhance Early Detection Research Network (EDRN) Clinical Validation Centers. The responsibilities of Clinical

Validation Centers include: 1) Conduct research on the validation of biomarkers and/or imaging methods for cancer risk assessment, early cancer detection and early cancer diagnosis and prognosis; 2) Develop and validate biomarkers for early detection of cancers to reduce gaps in early detection among different racial/ethnic populations and/or in other NIH-designated populations that experience health disparities; and 3) Participate in EDNRN-sponsored clinical utility trials.

**Awards:**

6 awards from a pool of \$4.2 million

**Eligibility:**

Unrestricted Domestically

**Deadline:**

09/19/2022

**AwardsID(s):**

RFA-CA-22-054

**Links:**

<https://grants.nih.gov/grants/guide/rfa-files/RFA-CA-22-054.html>

## **The NCI Predoctoral to Postdoctoral Fellow Transition Award**

The National Cancer Institute is offering the Postdoctoral Fellow Transition Award to encourage and retain outstanding graduate students recognized by their institutions for their high potential and strong interest in pursuing careers as independent cancer researchers. This opportunity does not allow applicants to propose to lead an independent clinical trial, but does allow applicants to propose research experience in a clinical trial led by a sponsor or co-sponsor. The award is intended for individuals who require 1-2 years to complete their Ph.D. dissertation research training (F99 phase) before transitioning to mentored postdoctoral research training (K00 phase). Consequently, applicants are expected to propose an individualized research training plan for the next 1-2 years of dissertation research training and a plan for 3-4 years of mentored postdoctoral research and career development activities that will prepare them for independent cancer-focused research careers.

**Awards:**

24 awards from a pool of \$1.1 million

**Eligibility:**

Unrestricted Domestically

**Deadline:**

11/18/2022

**AwardsID(s):**

RFA-CA-22-041

**Links:**

<https://grants.nih.gov/grants/guide/rfa-files/RFA-CA-22-041.html>

## **Training Award to Promote Cross-Training in the Fields of Traumatic Brain Injury as a Risk Factor for Alzheimer's Disease**

Multiple NIH Institutes invite applications to expand research in the areas of traumatic brain injury (TBI) as a risk factor for Alzheimer's Disease and Alzheimer's Disease Related Dementias. Two categories of candidates are targeted: a) established TBI investigators who seek training in the field of dementia and b) established dementia researchers who seek training in the field of TBI. The research career enhancement experience must take place in a host laboratory, whether in the applicant institution or in another institution with the appropriate resources to provide the proposed research career development experience. In both cases, the training should be overseen by a host/mentor. The applicant, proposed mentor(s) and host laboratory should not have previous research collaborations.

### **Awards:**

3 awards from a pool of \$450,000

### **Eligibility:**

Unrestricted Domestically

### **Deadline:**

11/04/2022

### **AwardsID(s):**

RFA-NS-22-061

### **Links:**

<https://grants.nih.gov/grants/guide/rfa-files/RFA-NS-22-061.html>

## **National Science Foundation**

### **Advanced Technologies and Instrumentation for the Astronomical Sciences**

The Directorate for Mathematical and Physical Sciences invites proposals from individual investigator and collaborative research grants for the development of new technologies and instrumentation for use in ground-based astronomy and astrophysics. Supported categories include (but are not limited to): advanced technology development, concept feasibility studies, and specialized instrumentation to enable new observations that are difficult or impossible to obtain with existing means. Proposals may include hardware and/or software development and/or analysis to enable new types of astronomical observations

### **Awards:**

10 awards from pool of \$8 million.

### **Eligibility:**

Unrestricted domestically.

### **Deadline:**

11/15/2022

### **AwardsID(s):**

NSF 22-627

**Links:**

[https://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf22627](https://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf22627)

**Advancing Informal STEM Learning**

The NSF Directorate for Education and Human Resources seeks proposals that center equity and belonging, and further the well-being of individuals and communities who have historically been and continue to be excluded, under-served, or underrepresented, due to gender, race, ethnicity, sexual orientation, disability status, neurodiversity, geographic location, and economic status, among others, as well as their intersections. The current solicitation encourages proposals from institutions and organizations that serve public audiences, and specifically focus on public engagement with and understanding of STEM, including community STEM; public participation in scientific research (PPSR); science communication; intergenerational STEM engagement; and STEM media. The AISL Program funds five types of projects: 1) Synthesis; 2) Conference; 3) Partnership Development and Planning; 4) Integrating Research and Practice; and 5) Research in Support of Wide-reaching Public Engagement with STEM.

**Awards:**

48-77 awards from pool of \$41 million.

**Eligibility:**

Unrestricted

**Deadline:**

08/20/2022

**AwardsID(s):**

NSF 22-626

**Links:**

[https://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf22626](https://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf22626)

**Ocean Sciences Postdoctoral Research Fellowships**

The Division of Ocean Sciences offers postdoctoral research fellowships (PRF) to provide opportunities for scientists early in their careers to work within and across traditional disciplinary lines, develop partnerships, and avail themselves of unique research resources, sites and facilities. The fellowship program is intended to provide beginning investigators of significant potential with experiences that will establish them in positions of leadership in the scientific community. Fellowships will include participation in a professional development program that emphasizes development of mentoring skills and that coordinates the involvement of Fellows in conferences and activities that are focused on increasing the engagement of underrepresented groups in science, technology, engineering, and mathematics (STEM). Principal Investigators must be U.S. citizens, nationals or permanent residents.

**Awards:**

Multiple awards from a pool of \$4 million

**Eligibility:**

Fellowship proposals must be submitted directly by the Fellowship candidate to NSF. Each Fellowship candidate must identify a sponsoring scientist(s) and must affiliate with an eligible U.S. host organization.

**Deadline:**

11/15/2022

**AwardsID(s):**

NSF 22-628

**Links:**

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343167>

## **New SBIR/STTR Funding Opportunities**

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

#### **Conference Grant Programs**

The Agency for Healthcare Research and Quality, announces its continued interest in supporting conferences through its Conference Grant Program. Conference sessions must include health services research. AHRQ is particularly interested in supporting conference grants that support agency priorities. The Agency is especially interested in supporting conferences which include plans for disseminating conference materials and products beyond the participants attending the event. Such strategies might include, but are not limited to, submitting articles for publication, posting information on a website and other current forms of social media methods, implementation of conference findings and seeking formal opportunities to discuss conference information with others.

**Awards:**

Multiple Awards are anticipated

**Eligibility:**

Domestic Nonprofit Institutions

**Deadline:**

11/01/2022

**AwardsID(s):**

PA-22-238

**Links:**

<https://grants.nih.gov/grants/guide/pa-files/PA-22-238.html>

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

### **American Lung Association**

#### **Lung Cancer Research**

The Association invites applications for the Lung Cancer Discovery Award. The award's objective is to support independent investigators conducting clinical, laboratory,

epidemiological, or any groundbreaking project to revolutionize our current understanding of lung cancer and improve diagnostic, clinical, and treatment methods. Grants of \$100,000 per year for up to two years will be awarded to support meritorious research projects with the potential to: significantly improve and transform diagnostic and therapeutic paradigms; foster innovation, use novel approaches; and/or accelerate progress in lung cancer research that improves patient care and helps save lives. Requests for final proposals are based on approval of letters of intent, which are due Sep 15.

**Eligibility:**

U.S. citizens and legal resident immigrants.

**Deadline:**

09/15/2022

**Links:**

<https://philanthropynewsdigest.org/rfps/rfp14142-american-lung-association-invites-applications-for-lung-cancer-research>

## Greenwall Foundation

### Bioethics Research

The mission of the Greenwall Foundation is to expand bioethics knowledge to improve clinical, biomedical, and public health decision making, policy, and practice. The Greenwall Faculty Scholars Program in Bioethics is a career development award to enable junior faculty members to carry out innovative bioethics research. It supports research that goes beyond current work in bioethics to help resolve pressing ethical issues in clinical, biomedical, and public health decision-making, policy, and practice, and creates a community that enhances future bioethics research by Scholars and Alumni/ae. Letters of intent are mandatory. Awards may provide 50 percent salary support for up to three years.

**Awards:**

Three awards

**Eligibility:**

Junior faculty at US institutions of higher education (additional restrictions)

**Deadline:**

09/19/2022

**Links:**

<https://greenwall.org/faculty-scholars-program/scholars-rfp-2023>

## Kenneth Rainin Foundation

### Inflammatory Bowel Disease innovations

The Foundation invites applications for its Innovator Awards Program, which supports basic and translational research and clinical science to advance the understanding of inflammatory bowel disease (IBD). Grants of up to \$150,000 for projects by individual researchers and up to \$300,000 for collaborative projects involving multiple investigators will be awarded in support

of basic, translational, and clinical science that could lead to new, transformative discoveries for the prediction and prevention of IBD. Grants support research projects in bioengineering, diet and nutrition, molecular biology, immunity and inflammation, microbiome, therapeutic development and delivery, and gut-brain axis.

**Awards:**

Awards up to \$300,000 for collaborative research projects

**Eligibility:**

Unrestricted globally

**Deadline:**

09/20/2022

**Links:**

<https://krfoundation.org/health/grants/innovator-awards/>

## National Scleroderma Foundation

### Scleroderma-Related Lung Disease

The foundation invites proposals to provide funding for **New** and **Established** Investigators based on investigator-directed topics. Award sizes are \$200,000 for three-year and two-year projects, respectively. Additionally, the Foundation offers funding in two targeted areas of study:

- **Scleroderma-Related Lung Disease** — The *NEW Debra Lurvey Memorial Research Grant*, funded by a generous donor, is awarded in the amount of \$200,000 to an established investigator conducting scleroderma-related lung disease research.
- **Pediatric Scleroderma** — Pediatric scleroderma research is earmarked for up to \$500,000 in awards and is open to submissions from both new and established investigators.

The deadline for all four opportunities is September 15, 2022.

**Links:**

<https://scleroderma.org/grant-opportunities/>

## Sony

### Focused Technology Research Awards

Sony invites applications for the Focused Research Award, which seeks to foster collaboration with academic partners to facilitate the exploration of new and promising research. The award will provide up to \$150,000 in funding in support of collaborative research projects. Focused research themes include future network systems and their fundamental core technology designs, novel actuator and mechanism for robots, autonomous mobile robot navigation, learning spatial-temporal bird's-eye-view representation from multiple sensor types, novel information display based on characteristics of the peripheral visual field, novel technologies for NIR-VCSELs, liquid biopsy, advanced image processing enabled by AI, and machine learning-based novel digital human creation.



To be eligible, applicants must be principal investigators belonging to a university, educational institution, or governmental/nonprofit research institute, who are full-time professors (adjunct professors are not eligible) or researchers and are eligible to supervise PhD students at a university/educational institution in several countries, including the United States.

**Awards:**

Multiple awards are anticipated.

**Eligibility:**

see description above

**Deadline:**

09/15/2022

**Links:**

<https://www.sony.com/en/SonyInfo/research-award-program/#FocusedResearchAward>

## **Tribal Solar Accelerator Fund**

### **Tribal Solar Energy Plan Grant**

The Tribal Solar Accelerator Fund is releasing the RFP and application for the NEW Tribal Energy Plan Grant program is open until funding is fully subscribed. Applicants may apply for funding up to \$25,000 for up to one year. The development of Tribal Energy Plans is intended to help tribal communities quickly and efficiently triage the known practical and impactful strategies to reduce greenhouse gas, reduce energy costs, and operate more sustainably. The grants can be used to compensate the planning team for their time, contract the services of consultants or other third-party experts, and cover the costs of public meetings and other methods soliciting public input. Tribal Energy Plans help tribal communities work towards a better environment for all community members by using a comprehensive plan of action as a guide to develop a more sustainable tribal nation. They can be the starting point for a pipeline to a greener community. TSAF's 2022 Tribal Energy Plan Grant request for proposals opens on July 1 and will stay open until funds are fully subscribed.

**Deadline:**

08/15/2023

**Links:**

<https://tribalsolar.org/grants/plan-grant/>

## **Wellcome**

### **Sleep and circadian science research**

U.K.-based Wellcome invites applications for research proposals to fund teams researching the interdependent roles of sleep and circadian rhythm disruptions in the development and resolution of anxiety, depression and/or psychosis. A more detailed understanding of the relationships between sleep, circadian rhythms and mental health will enable better translation leading to new approaches for early detection and targeted intervention.

**Awards:**

£3 million for projects lasting up to five years.

**Eligibility:**

Unrestricted globally, with the exception of mainland China and sanctioned countries

**Deadline:**

10/19/2022

**Links:**

<https://wellcome.org/grant-funding/schemes/mental-health-award-integrating-sleep-and-circadian-science-our-understanding>

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