

**From:** [bounce-124799491-85347729@list.cornell.edu](mailto:bounce-124799491-85347729@list.cornell.edu) on behalf of [Research Development at Cornell University](#)  
**To:** [CU-RES-ADMIN-L](#)  
**Subject:** Research Funding & Engagement Opportunities - July 23, 2020  
**Date:** Thursday, July 23, 2020 6:09:37 PM  
**Attachments:** [FIAS 2021-2022 Call for applications.pdf](#)

---

To the Cornell University community,

The following upcoming funding and engagement opportunities may be of interest.

NOTE: If you intend to submit to a funding opportunity, please notify your college or department research administration office, or the Office of Sponsored Programs.

For assistance with internal proposal development, including consultation on proposal strategy; identifying sponsor-specific proposal strategies; coordinating project team meetings; identification of additional campus resources; management of proposal schedule; drafting letters of commitment from Cornell and any partner institutions; and liaising between your proposal team and OSP, please [contact Research Development](#).

**\*All digests can now also be viewed on the [Research Funding Announcement Digests](#) webpage.\***

#### **In this Notice**

- [AFRI Foundational and Applied Science Program](#)
- [AFRI Education and Workforce Development: Rapid Response to Novel Coronavirus \(SARS-COV-2\)](#)
- [Space Technology Research Grants Program, Lunar Surface Technology Research \(LuSTR\) Opportunities](#)
- [Core "Center of Excellence" Grant Program \(P30 Clinical Trial Optional\)](#)
- [Promoting Research on Music and Health: Phased Innovation Award for Music Interventions](#)
- [Shared Personal Protective Equipment Resources for COVID-19 Related Vaccine and Treatment Clinical Trials and Clinical Studies](#)
- [Notice of Intent to Publish FOA for Superfund Hazardous Substance Research and Training Program](#)
- [NIH-Wide Strategic Plan for COVID-19 Research](#)
- [Human-Environment and Geographical Sciences Program \(HEGS\)](#)
- [National Science Board Public Service Award](#)
- [French Institutes for Advanced Study Fellowship Programme](#)

## **FEDERAL SPONSORS**

### **USDA AFRI Foundational and Applied Science Program**

#### **[AFRI FASP RFA](#)**

Deadlines for Letters of Intent and Applications vary by Program Area – see RFA  
Anticipated award amount: varies

The Agriculture and Food Research Initiative (AFRI) Foundational and Applied Science Program supports grants in six AFRI priority areas to advance knowledge in both fundamental and applied sciences important to agriculture. The six priority areas are: Plant Health and Production and Plant Products; Animal Health and Production and Animal Products; Food Safety, Nutrition, and Health; Bioenergy, Natural Resources, and Environment; Agriculture Systems and Technology; and Agriculture Economics and Rural Communities. Research-only, extension-only, and integrated research, education and/or extension projects are solicited in this Request for Applications (RFA). See Foundational and Applied Science RFA for specific details.

**USDA AFRI Education and Workforce Development: Rapid Response to Novel Coronavirus (SARS-COV-2) Innovating Formal and Non-Formal Educational Experiences in Food and Agricultural Sciences During the Time of Social Distancing**

**[AFRI EWD RFA](#)**

**[Informational webinar:](#)** July 28, 2020 at 12:00 PM EDT

**Applications:** August 20, 2020

**Anticipated award amount:** up to \$3 million total for up to 2 years

The Agriculture and Food Research Initiative (AFRI) Education and Workforce Development RFA now includes a new program area priority to address the need to develop and deploy rapid, reliable, and readily-adoptable strategies in workforce preparation through formal K-14 education, as well as in youth development through non-formal education to cultivate interest and competencies in STEM and agriculture during this challenging time. Funded projects are expected to develop tools, techniques, and other practices that can be rapidly adopted at home or by educators and extension specialists to ensure the effective formal and non-formal education of K-14 students and other youth development opportunities.

**NASA Space Technology Research Grants Program, Lunar Surface Technology Research (LuSTR) Opportunities**

**[APPENDIX 80HQTR20NOA01-20LUSTR-B5](#)**

**Letters of Intent:** August 12, 2020. **Applications:** September 9, 2020

**Anticipated award amount:** between \$1-\$2 million for 1-2 years. **Follow-on infusion opportunities for successful awards are anticipated.**

NASA's Space Technology Mission Directorate (STMD) hereby solicits proposals from accredited U.S. universities for innovative lunar surface space technology research and development of high priority to NASA's Mission Directorates. The goal of LuSTR, part of the Lunar Surface Innovation Initiative (LSII), is to accelerate the development of groundbreaking technologies that support and enable lunar surface activities to be conducted under Artemis - the core of NASA's exploration and human spaceflight plans for the next decade. As part of the LSII portfolio, LuSTR solicits ideas from universities for the creation of requisite technologies for lunar surface exploration and to accelerate the technology readiness of key systems and components. A Principal Investigator (see solicitation for restrictions) or Co-Investigator may participate in no more than two proposals in response to this appendix.

The inaugural LuSTR Appendix exclusively seeks proposals that are responsive to two LSII focus areas: In Situ Resource Utilization and Sustainable Power. Under these focus areas, LuSTR solicits proposals in response to the following six topics:

- Advanced Technologies for the Extraction and Processing of Water from Regolith
- Determining the Spatial Distribution and Geotechnical Properties of Water-Bearing Regolith
- Flexible Power Distribution for Difficult-to-Reach and Mobile Applications
- Advanced, Radiation-Tolerant Power Electronics
- Low-Temperature Batteries
- Advanced Power System Control for Interoperability

### **NIH NIDA Core "Center of Excellence" Grant Program (P30 Clinical Trial Optional)**

[PAR-20-267](#)

Applications: September 25, 2020

Anticipated award amount: Application budgets are not limited but need to reflect the actual needs of the proposed project. Maximum project period is 5 years.

The National Institute on Drug Abuse (NIDA) Core Center of Excellence Grants (P30) are intended to bring together investigators currently funded by NIH or other Federal or non-Federal sources, to enhance the effectiveness of existing research and also to extend the focus of research to substance use/misuse and addiction. It is expected that a Center will transform knowledge in the sciences it is studying. Incremental work should not be the focus of Center activities; rather, new and creative directions are encouraged. An application should integrate and promote research in existing funded projects, to achieve new and creative directions. It is expected that individual core activities reflect a relationship to the integrating theme of the Center and the Center is expected to provide research opportunities and experiences to new investigators, and share findings, data and their resources, consistent with achieving the goals of the program. The applicant may propose pooling of existing core resources and request additional support for developing a shared research infrastructure. It should be made clear how this Center support would enhance a minimum of 3 separate federally funded research project grants at any time, with at least 2 distinct Program Directors/Principal Investigators PD(s)/PI(s).

In addition, NIDA P30 research Centers are expected to serve as national research resources in the substance use/misuse research field.

### **NIH/NEH Promoting Research on Music and Health: Phased Innovation Award for Music Interventions (R61/R33 Clinical Trial Optional)**

[PAR-20-266](#)

New applications: October 2, 2020. Resubmissions: October 19, 2020

Anticipated award amount: for each phase, up to \$350,000 direct costs in any given year

The purpose of this FOA is to promote innovative research on music and health with an emphasis on developing music interventions aimed at understanding their mechanisms of action and clinical applications for the treatment of many diseases, disorders, and conditions. Little or no preliminary data are needed to apply under this FOA. Collaborations among basic researchers, translational science researchers, music intervention experts, other clinical researchers, music health professionals, and technology development researchers are encouraged. The R61 phase will provide funding to either investigate the biological mechanisms or behavioral processes underlying music interventions in relevant animal models, healthy human subjects, and/or clinical populations, or can be used to develop innovative technology or approaches to enhance music intervention research. The second R33 phase will

provide support for further mechanistic investigations in human subjects or animal models, intervention development, or pilot clinical studies. The pilot clinical studies may focus on intervention optimization/refinement, feasibility, adherence, and/or identification of appropriate outcome measures to inform future clinical research. Transition from the R61 to the R33 phase of the award will depend on successful completion of pre-specified milestones established in the R61. Transition from the R61 to the R33 phase of the award will depend on successful completion of pre-specified milestones established in the R61.

### **NIH NIAID Shared Personal Protective Equipment Resources for COVID-19 Related Vaccine and Treatment Clinical Trials and Clinical Studies (S10 Clinical Trial Not Allowed)**

#### **[PAR-20-256](#)**

Applications accepted on a rolling basis

**Budget:** It is expected that applicants will employ the most economical approaches, including securing academic discounts, to formulate a cost-effective budget while meeting users' needs. Awards are for one year.

The purpose of this public health emergency funding opportunity is to provide Personal Protective Equipment (PPE) to directly support the needs of the National Institute of Allergy and Infectious Diseases (NIAID) vaccine and treatment clinical trials and clinical studies for COVID-19. This program will ensure that adequate protective equipment is available to directly assist in safely carrying out the clinical activities and direct interactions with the patients participating in the trial. **Eligibility is limited to recipients conducting COVID-related clinical research and clinical studies supported by NIAID's emergency appropriation provided by The Coronavirus Preparedness and Response Supplemental Appropriations Act, 2020 and The Coronavirus Aid, Relief and Economic Security (CARES) Act.**

Types of PPE supported by this FOA include:

- Masks
- Gloves
- Gowns and coveralls
- Safety glasses
- Face shields
- Head caps
- Shoe covers
- Shield wipes

### **NIH NIEHS Notice of Intent to Publish FOA for Superfund Hazardous Substance Research and Training Program (P42 Clinical Trial Optional)**

#### **[NOT-ES-20-021](#)**

**Anticipated award amount:** up to \$1.75M direct costs per year for 5 years

The National Institute of Environmental Health Sciences (NIEHA) intends to publish a Funding Opportunity Announcement (FOA) to solicit applications for the Superfund Hazardous Substance Research and Training Program (P42 Clinical Trial Optional), referred to as Superfund Research Program (SRP) Centers. SRP Center grants will support problem-based, solution-oriented research Centers that consist of multiple, integrated projects representing both the biomedical and environmental science and engineering disciplines; as well as cores tasked with administrative (which includes research translation), data management and analysis,

community engagement, research experience and training coordination, and research support functions. The scope of the SRP Centers is taken directly from the Superfund Amendments and Reauthorization Act of 1986, and includes: (1) advanced techniques for the detection, assessment, and evaluation of the effect on human health of hazardous substances; (2) methods to assess the risks to human health presented by hazardous substances; (3) methods and technologies to detect hazardous substances in the environment; and (4) basic biological, chemical, and physical methods to reduce the amount and toxicity of hazardous substances.

- This Notice is being provided to allow potential applicants sufficient time to develop meaningful collaborations and responsive projects/cores.
- The FOA is expected to be published in August 2020 with an expected application due date in February 2021.

### **NIH-Wide Strategic Plan for COVID-19 Research**

The National Institutes of Health shared the NIH Strategic Plan for COVID-19 Research to speed development of treatments, vaccines, and diagnostics. [Learn about how the framework aims to rapidly mobilize the biomedical research response to the pandemic.](#)

### **NSF Human-Environment and Geographical Sciences Program (HEGS)**

#### **[NSF 20-547](#)**

Applications: August 18, 2020 & January 19, 2021

Anticipated award amount: varies by type of award

The objective of the program is to support basic scientific research about the nature, causes, and/or consequences of the spatial distribution of human activity and/or environmental processes across a range of scales. Projects about a broad range of topics may be appropriate for support if they enhance fundamental geographical knowledge, concepts, theories, methods, and their application to societal problems and concerns. Recognizing the breadth of the field's contributions to science, the HEGS Program welcomes proposals for empirically grounded, theoretically engaged, and methodologically sophisticated geographical research. National Science Foundation's mandate is to support basic scientific research. Support is provided for projects that are most effective in grounding research in relevant theoretical frameworks relevant to HEGS, that focus on questions that emanate from the theoretical discussions, and that use scientific methods to answer those questions. HEGS supported projects are expected to yield results that will enhance, expand, and transform fundamental geographical theory and methods, and that will have positive broader impacts that benefit society. The HEGS Program recognizes that geography is a broad discipline that includes the natural sciences, the social sciences and the humanities. However, HEGS does not fund research that is solely humanistic, non-science. It is critical that research projects submitted to the HEGS Program illustrate how the proposed research is relevant and important to people and societies.

### **NSF National Science Board Public Service Award**

Deadline for nominations: September 30, 2020

The National Science Board (NSB) is now accepting nominations for its 2021 Honorary Awards. The NSB Public Service Award honors individuals and groups that have made substantial contributions to increasing public understanding of science and engineering in the United

States. These contributions may be in a wide variety of areas that have the potential of contributing to public understanding of and appreciation for science and engineering, including: media, education, training programs, and entertainment. [Visit the awards webpage for eligibility criteria and nomination guidelines.](#)

## FOUNDATION SPONSORS

### **French Institutes for Advanced Study Fellowship Programme**

<https://fias-fp.eu/>

Applications: September 15, 2020

The French Institutes for Advanced Study (FIAS) supports individual research: fellows, released from teaching and academic commitments, will conduct in unsegmented time bottom-up research with the greatest freedom, with the IAS strong scientific and extra-academic support. The FIAS Fellowship Programme offers 10-month fellowships in the four Institutes of Paris, Lyon, Montpellier and Marseille. It welcomes applications from high level international scholars and scientists primarily in the fields of the social sciences and the humanities (SSH). For the 2021-2022 academic year, FIAS offers 31 fellowship positions: 17 in Paris, 5 in Lyon, 6 in Marseille and 3 in Montpellier. The call is open to all disciplines in the SSH and all research fields. Research projects from other sciences that propose a transversal dialogue with SSH are also eligible. FIAS awards fellowships to outstanding researchers of all career levels, from postdoctoral researchers to senior scientists. The minimum requirement is a PhD + 2 years of research experience at the time of the application. Exception will be made for scholars with a Master + 6 years of full-time research experience after the degree (PhD training will not be considered in the calculation of experience). See the attached file for further details.

---

Office of Sponsored Programs and Research Development

Cornell University | 373 Pine Tree Rd. | Ithaca, NY 14850

T (607) 254-2327 | F (607) 255-5058 | [Research Services](#)

**Research** | Development

Instructions for unsubscribing from this listserv: <https://researchservices.cornell.edu/resources/join-research-mailing-lists-list-servs>. Instructions for joining this email list may also be found on that page.