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 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. *Visit Find Your Next Funding Opportunity for additional resources.*

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FuzeHub Commercialization Competition 2020
https://fuzehub.com/commercialization-competition/
Applications due August 31, 2020

As part of the Jeff Lawrence Innovation Fund, FuzeHub will hold its fourth New York State Commercialization Competition on November 18 & 19, 2020. Companies will compete virtually to demonstrate the commercialization potential of their technology or product and can win up to $50,000. This competition is intended to help small and medium-sized manufacturing and technology companies strengthen their "go-to-market" strategies as they move from new product/production method to marketplace. FuzeHub anticipates making up to six awards. Award funds shall be used to improve a working prototype, which will enable the applicant to pursue additional investment and customers, leading to the commercialization of their product concept. As a condition to receiving any award proceeds, competition winners will be required to enter into a Simple Agreement for Future Equity (SAFE).

National Academies of Sciences, Engineering, and Medicine - Jefferson Science Fellows Program
[JSF Program](#)
Applications due October 16, 2020
The JSF program serves as an innovative model for engaging the American academic science, technology, engineering and medical communities in U.S. foreign policy and international development. The JSF program is open to tenured, or similarly ranked, faculty from U.S. institutions of higher learning who are U.S. citizens. After successfully obtaining a security clearance, selected Jefferson Science Fellows spend one year on assignment at the U.S. Department of State or USAID serving as advisers on issues of foreign policy or international development. Assignments are tailored to the needs of the hosting office, while taking into account the Fellows' interests and areas of expertise. Following the fellowship year, Fellows will return to their academic career but remain available to the U.S. government as experienced consultants for short-term projects. For 2021, up to ten fellowships will be available at the U.S. Department of State and up to five fellowships will be available at USAID. Scholars may be from Israel or abroad and must have a tenured position with an academic research institution.

Simons Foundation Targeted Grants in Mathematics and Physical Sciences (MPS)
https://www.simonsfoundation.org/grant/targeted-grants-in-mps/
Letters of Intent (required) may be submitted anytime.
Anticipated award: There is no recommended or assumed funding level for this program Indirect costs capped at 20%.
The Mathematics and Physical Sciences (MPS) division of the Simons Foundation, supports research in mathematics, theoretical physics and theoretical computer science, by providing funding for individuals, institutions, and science infrastructure. The Targeted Grants in MPS program is intended to support high-risk theoretical mathematics, physics and computer science projects of exceptional promise and scientific importance on a case-by-case basis. The program provides funding for up to five years. The funding level and duration is flexible and should be appropriate based on the type of support requested in the proposal. PIs and co-Investigators must have a Ph.D. and a tenure-track or tenured position at said institutions or centers at the time of application.

Israel Institute for Advanced Studies (IIAS) Open Calls
Applications due December 1, 2020
The IIAS at The Hebrew University of Jerusalem invites scholars from Israel and abroad to submit proposals for Individual Fellowships and the Research Groups program for the 2022-2023 academic year. Fellows and scholars spend their residency at the IIAS, located at the Edmond J. Safra in Givat Ram, Jerusalem.

- Individual Fellowships: Topics may cover any research area from any discipline and must seek to be innovative, with the potential to impact research in the field. Two or three scholars who collaborate on the same project should apply individually and state clearly that they wish to work together. The IIAS provides fellows with a nurturing and stimulating academic environment, as well as administrative support. Fellows from abroad receive a generous fellowship and subsidized accommodation. Our expectation is that the fellow's residency will result in creative and original research that can be

shared with the international research community.

- Research Groups: Each RG brings together a diverse group of scholars to engage in research questions of common interest. The group fellows benefit from integrative thinking and rich dialogue, while expanding individual fellows' research. Research proposals may be submitted by initiator(s) affiliated with any academic institution in Israel or abroad. Proposals may cover any research topic from all disciplines including interdisciplinary research, and must seek to be innovative with potential impact on their research field. RG size is flexible, ranging from 5-8 core fellows, and each RG can include postdoctoral fellows. The IIAS provides its fellows and visiting scholars with a nurturing and stimulating academic environment, as well as administrative support. Fellows from abroad receive a generous fellowship and family accommodation.

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Join the National Endowment for the Arts (NEA) Grant Review Panel Service
Serving as a grant review panelist offers a unique opportunity to learn more about the Arts Endowment's application review process. It can also provide an informative overview on current trends and priorities throughout the field of arts research. Panelists are selected to represent a diverse group of arts research experts and other individuals, including at least one knowledgeable layperson. If you are interested in being considered for panel service, please submit your resume by email to nearesearchgrants@arts.gov.

National Council on Disability COVID-19's Broadscale Impact on People with Disabilities
NCD-20-04: 2021
Proposals due August 21, 2020
Anticipated award: $150,000 for 10 months
The NCD seeks proposals for a cooperative agreement to develop NCD's annual progress report which will examine COVID-19's broadscale impacts on people with disabilities in seven major areas: nondiscriminatory access to healthcare; the direct care workforce; group housing; education; employment; mental health; and communications. The report will also include a discussion of the intersection of disability and race, and of transportation impacts. The research and findings in this report will provide policymakers, including the White House and Congress, and federal agencies, with insight needed to make policy decisions to improve the current and future welfare of people with disabilities in a national emergency like the COVID-19 pandemic. The report will also provide people with disabilities information on federal policy, legislation, and initiatives related to emergency preparedness and response.

NASA Human Exploration Research Opportunities (HERO)
Solicitation: 80JSC020N0001
Application deadlines are staggered through July 31, 2020 to July 30, 2021. *The first deadline is September 1, 2020.*
Anticipated award: Typically $100,000-$1 million per year from 1 to 5 years
Solicitation for applied research in support of NASA's Human Research Program (HRP), which investigates and mitigates the highest risks to astronaut health and performance in exploration missions. The goal of the HRP is to provide human health and performance countermeasures,

knowledge, technologies, and tools to enable safe, reliable, and productive human space exploration. The scope of this goal includes both the successful completion of exploration missions and the preservation of health over the astronaut's lifetime. The research will fall into one or more categories corresponding to HRP's five Elements: Space Radiation, Human Health Countermeasures, Exploration Medical Capability, Human Factors and Behavioral Performance, and Research Operations and Integration. Details of the solicited research opportunities are given in the HERO appendices and it is anticipated that several response area appendices will be issued throughout the year as needed. Unless otherwise specified, appendices will use a two-step solicitation process requiring that a compliant and relevant Step-1 proposal be submitted in order to be considered to be invited to submit a Step-2 proposal. Interested proposers should monitor the website or subscribe to the Human Exploration and Operations Mission Directorate electronic notifications system through NSPIRES.

NSF Research Experiences for Teachers (RET) in Engineering and Computer Science Supplements and Sites
NSF 20-584
RET Site Proposals are due September 30, 2020
Anticipated award: $600,000 for 3 years (Site Awards); $10,000 per teacher/community college faculty for 1 year (Supplements)
NOTE: This program was previously limited submission. There is no longer a limit on the number of applications Cornell may submit. NSF's Directorate for Engineering (ENG) and the Directorate for Computer and Information Science and Engineering (CISE) have joined to support the Research Experiences for Teachers (RET) in Engineering and Computer Science program. This program supports active long-term collaborative partnerships between K-12 Science, Technology, Engineering, Computer and Information Science, and Mathematics (STEM) in-service and pre-service teachers, full-time community college faculty, and university faculty and students to enhance the scientific disciplinary knowledge and capacity of the STEM teachers and/or community college faculty through participation in authentic summer research experiences with engineering and computer science faculty researchers. This announcement features two mechanisms for support of in-service and pre-service K-12 STEM teachers and full-time community college faculty: (1) RET supplements to ongoing ENG and CISE awards and (2) new RET Site awards. The PI of a RET in Engineering and Computer Science Site proposal must have a full-time, tenured or tenure-track faculty appointment within a College/Department of Engineering or Engineering Technology or a College/Department of Computer and/or Information Science broadly defined [including e.g., Human-Computer Interaction (HCI), Software Engineering, Networking Science, Informatics] within the submitting U.S. academic institution. The PI must be a full-time Engineering and/or Computer Science faculty member whose primary job responsibilities are research and teaching and not a faculty member who is involved in an administrative capacity such as a dean or outreach coordinator.

Department of Energy Office of Science 2020 Ernest Orlando Lawrence Awards
Nomination materials due October 1, 2020
The Ernest Orlando Lawrence Awards recognize mid-career U.S. scientists and engineers for exceptional contributions and achievements in research and development supporting the broad missions of the U.S. Department of Energy and its programs to advance the national, economic, and energy security of the United States.

- Awards will be considered in each of the following nine categories: Atomic, Molecular, and Chemical Sciences; Biological and Environmental Sciences; Computer, Information, and Knowledge Sciences; Condensed Matter and Materials Sciences; Energy Science and Innovation; Fusion and Plasma Sciences; High Energy Physics; National Security and Nonproliferation; and Nuclear Physics.
- Each category winner receives a citation signed by the Secretary of Energy, a gold medal bearing the likeness of Ernest Orlando Lawrence, and a $20,000 honorarium; if there are co-winners in a category, the honorarium is shared equally.
- For additional information on nomination guidelines, award category descriptions, and review process, visit the Lawrence Award website: https://science.osti.gov/lawrence

Department of Commerce NIST Public Safety Innovation Accelerator Program - Augmented Reality
2020-NIST-PSIAP-AR
Applications due October 1, 2020
Anticipated award: $300,000-$600,000 per year for 2 to 3 years
The National Institute of Standards and Technology's (NIST) Public Safety Innovation Accelerator Program (PSIAP) is seeking applications from eligible applicants for activities to enhance augmented reality (AR) capabilities in support of first responder operations. The PSIAP-AR aims to attract experts and innovators from industry and academia to focus on conducting research and development of visual interfaces through the use of AR technology. The goals and outcomes of this funding opportunity will be improving the general usability and ecosystem of AR applications and technology built around the public safety use case. This funding opportunity extends across multiple PSCR research areas and includes additional objectives under cybersecurity, resiliency, and location-based services domains.