From: bounce-124827801-76014006@list.cornell.edu on behalf of Research Development at Cornell University
To: CU-RES-ADMIN-L
Subject: DoD Research Funding & Engagement Opportunities - August 6, 2020
Date: Thursday, August 6, 2020 4:04:16 PM

To the Cornell University community,

Please make note of these Department of Defense (DoD) funding and engagement opportunities that 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.

*** Visit Working with DoD for other resources, including guidance for navigating the DoD research landscape.***

In this Notice

Upcoming Trainings and Events

Presented by Cornell Research Development: Getting DoD Funding
Wednesday, August 12, 10:30am-12:00pm

Join us for an interactive panel discussion with successful PIs about how to go after and win funding from the Department of Defense and DARPA. We will cover agency missions, funding priorities, working with Program Officers, proposal types from Young Investigator Program (YIP) to Multidisciplinary University Research Initiative (MURI), and tips in how to write a winning DoD proposal.

Register for virtual workshop.

Scheduled Panel:

- Darrell Schlom, Herbert Fisk Johnson Professor of Industrial Chemistry, Materials Science & Engineering
- James Hwang, Mary Shepard B. Upson Visiting Professor, Materials Science & Engineering
- Zhiting Tian, Associate Professor, Sibley School of Mechanical & Aerospace Engineering
- Matthew Miller, Professor, Sibley School of Mechanical & Aerospace Engineering

- Robert Shepherd, Associate Professor, Sibley School of Mechanical & Aerospace Engineering
- David Muller, Samuel B. Eckert Professor of Engineering, Applied & Engineering Physics

BARDA Industry Day Lightening Talks
October 27, 2020
Topics for talks must be submitted by August 31
The Biomedical Advanced Research and Development Authority (BARDA) it will continue its BARDA Industry Day Lightning Talks virtually. BARDA Industry Day is an annual event that encourages interaction between government, industry, and academia. The Lightning Talk sessions are rapid presentations that are, fast paced, innovative, intriguing, and delivered in under 6 minutes! Lightning Talks are designed to be brief, energetic, and full of information to pique the curiosity of prospective industry and government partners. Attendees will have the opportunity to network with BARDA staff, presenters, and other industry stakeholders. Topics for a Lightning Talk must be submitted between August 1-31. More information on the Industry day event can be found here. Questions and inquiries can be sent to BARDAIndustryDay@hhs.gov.

DARPA

Disruption Opportunity: Thermal Engineering Using Material Physics (TEMP)
DARPA-PA-20-01-02
Applications due September 1, 2020
Anticipated award: up to $1 million for combined Phase 1 base and Phase 2 option
The Defense Advanced Research Projects Agency (DARPA) Defense Sciences Office (DSO) is issuing a Disruption Opportunity (DO) inviting submissions of innovative basic or applied research concepts in the technical domain of radiative heat transfer. This DO is issued under the Program Announcement for Disruptioneering, DARPA-PA-20-01. All awards will be made in the form of an Other Transaction (OT) for prototype project.

- The TEMP DO is interested in approaches that leverage materials technologies, including, but not limited to, advances in metamaterials and thermal barrier coatings, to control the radiative heat transfer due to visible spectrum radiation in hot environments. The goal of TEMP is to identify and develop solutions to manage radiative heat transfer in high temperature, harsh environment systems. DARPA is specifically interested in solutions that result in at least ten percent improvement in radiative heat transfer performance over the state of the art.

Office of the Under Secretary of Defense (Research & Engineering)

Request for Information - National Defense Education Program (NDEP)
RFI-WHS-07222020
Responses due August 28, 2020
The purpose of this OUSD(R&E) issued RFI is to survey industry (to include non-profits, academia, large and small businesses) for relevant information. The DoD may use responses to this request for information (RFI) to inform future solicitation. This RFI consists of three focus areas, which are described in detail in RFI-WHS-07222020:

- Science Technology, Engineering and Mathematics (STEM) education, outreach, and workforce development;

- Biotechnology education and workforce development; and
- Enhanced civics education.

Request for Information - Cyber Science and Technology (S&T) Roadmap
RFI-WHS-20-CYBERST
White papers due August 21, 2020
The OUSD(R&E) issued a RFI for cyber activities and projections to help develop a Cyber Science and Technology (S&T) Roadmap for the DoD as required by the FY2020 National Defense Authorization Act (NDAA). The Cyber S&T roadmap will inform future cyber investments at DoD and outline the development of cyber capabilities ready for operational use within the next 25 years. Responses are encouraged to share cyber "research and development projections, technical capabilities, and demonstrated experiences in cybersecurity and cyberspace operations." Additional details on DoD's requested inputs, including information on research priorities and cyber facilities and testbeds, can be found in the full solicitation.

Congressionally Directed Medical Research Programs (CDMRP)

Combat Readiness Medical Research Program (CRRP) Rapid Development and Translational Research Award (RDTRA)
W81XWH-20-S-CRRP
Pre-applications due September 10, 2020
Anticipated award: up to $2 million for direct costs for 2 years
FY20 Defense Appropriations Act provides funding to the DoD Combat Readiness Medical Research Program (CRRP) to support military-relevant advanced technology and therapeutic research related to forward-deployable solutions that can promptly address life-threatening injuries, medical threats and treatments for Service members in current and future battlefield settings. The CRRP seeks to enhance medical capabilities and Force readiness at the point of greatest need in order to save the most lives in trauma care scenarios, which may be complicated by combat operations, limited resources, austere conditions and/or mass casualty events. Applications submitted to the FY20 CRRP RDTRA must address at least one of the FY20 CRRP RDTRA Focus Areas listed in the Funding Opportunity Announcement (W81XWH-20-S-CRRP). Research under this award mechanism should represent a rapid advancement or innovative "leap ahead" and have the potential for broadly applicable, cross- cutting advances benefiting military health and medicine as well as the general public. Clinical trials are not allowed. Independent investigators at all academic levels (or equivalent) are eligible as PIs.

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