

From: bounce-124735450-85347729@list.cornell.edu on behalf of [Research Development at Cornell University](#)
To: [CU-RES-ADMIN-L](#)
Subject: DoD Funding & Engagement Opportunities - June 26, 2020
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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](#).

In this Notice

- [Recording of the How to Engage with the AFRL Research Ecosystem Webinar](#)
- [FY2021 Air Force Young Investigator Research Program \(YIP\)](#)
- [Future Scholars under STEM Workforce Development Programs](#)
- [Chronic Pain Management Research Program \(CPMRP\)](#)
- [DARPA Broad Agency Announcement](#)

Air Force Research Laboratory (AFRL)

Recording of the *How to Engage with the AFRL Research Ecosystem Webinar*

Hosted by the Basic Research Innovation and Collaboration Center (BRICC) on June 19, 2020, this webinar was a LIVE virtual event for universities interested in working with the Air Force Research Laboratory (AFRL). The event provided a great opportunity for university researchers and administrators to learn how to do business with AFRL — from basic to applied. [Listen to the AFRL Research Ecosystem webinar recording here.](#)

FY2021 Air Force Young Investigator Research Program (YIP)

[FOA-AFRL-AFOSR-2020-0003](#)

White papers (optional): May 14, 2020. Full proposals: July 14, 2020

Anticipate award amount: \$150,000 per year for three years

The Fiscal Year 2021 Air Force Young Investigator Research Program (YIP) intends to support young in career scientists and engineers who have received Ph.D. or equivalent degrees by 1 April 2013 or later showing exceptional ability and promise for conducting basic research. The program objective is to foster creative basic research in science and engineering; enhance early career development of outstanding young investigators; and increase opportunities for the young investigator to recognize the Air Force mission and related challenges in science and engineering.

Future Scholars under Science, Technology, Engineering, and Mathematics (STEM) Workforce Development Programs

[FOA20AFRLRVKE0001](#)

Initial proposal submission deadline: July 21, 2020. Deadline for questions re: initial proposal submission: July 3, 2020

Anticipated award amount: up to \$5M per year for a five year total

AFRL seeks methods in which it can more effectively cultivate a diverse, agile, and world-class STEM workforce. AFRL fully encourages future Workforce Development programs or projects that align with the strategic, operational, and tactical needs of our nation's defense. By encouraging a broad range of Workforce Development programs or projects, AFRL hopes to put the STEM workforce in a position for success in an ever-changing and competitive world. This

announcement encourages programs or projects that improve the capacity of education systems and communities to create impactful STEM educational experiences for students and teachers, and prepare the 21st century STEM workforce. AFRL's program goals are to:

1. Address geographic disparities and broaden participation for underrepresented and underserved communities.
2. Foster community engagement that support and encourage STEM learning, understanding, build STEM skills and literacy in an evidence-based and innovative manner.
3. Increase awareness of DoD and AFRL science and technology priorities such as artificial intelligence/machine learning, biotechnology, cyber security and DoD science and technologies.
4. Develop partnerships with industry and other organizations to promote sustainable STEM Workforce Development programs or projects.

This is a five year open Funding Opportunity Announcement (FOA) accepting proposals from the date of publication for award of grants and cooperative agreements, subject to the availability of funds. Initial submission deadline for proposals is 21 July 2020, 2:00 PM EST. Proposals submitted during the initial submission deadline will be prioritized for evaluations. After, proposals may be submitted any time from the FOA issue date, until the final submission deadline for proposals and will be evaluated as they are received. Prior to submitting a proposal, Recipients are required to submit a Letter of Intent to the Points of Contact (POCs) listed in Section VII - Federal Awarding Agency Contact(s).

Congressionally Directed Medical Research Programs (CDMRP)

Chronic Pain Management Research Program (CPMRP)

The CPMRP was initiated in 2019 to provide support for research of exceptional scientific merit with the potential to make a significant impact on improving the health and quality of life of those living with chronic pain. Appropriations for the CPMRP in FY19 totaled \$10 million (M). The FY20 appropriation is \$15M. The proposed research must be relevant to active duty Service members, Veterans, military beneficiaries, and/or the American public.

Translational Research Award

[81XWH-20-CPMRP-TRA](#)

Pre-applications: August 7, 2020

Anticipated award amount: up to \$1.4M direct costs for four years

The intent of the FY20 CPMRP TRA is to support translational research that will accelerate the movement of evidence-based ideas in chronic pain management research into clinical applications, such as healthcare products, technologies, clinical practice guidelines, and/or models of care. TRA applications should explain how the proposed work will inform the development, refinement, and/or revision of existing standards of care, recommendations, or guidelines for managing chronic pain. Studies evaluating opioid-based therapeutic interventions are not allowed.

Investigator-Initiated Research Award

[W81XWH-20-CPMRP-IIRA](#)

Pre-applications: August 7, 2020

Anticipated award amount: up to \$900,000 direct costs for four years

The intent of the FY20 CPMRP IIRA is to support studies that have the potential to make significant advances in research, patient care, and/or quality of life in the FY20 CPMRP IIRA Focus Areas. IIRA applications may involve any phase of basic, translational, and clinically oriented research, including studies in animal models, research with human anatomical substances, and research with human subjects, as well as ancillary studies associated with an existing clinical trial; however, this award may not be used to conduct clinical trials. Multidisciplinary collaborations and innovative approaches are encouraged.

Defense Advanced Research Projects Agency (DARPA) Defense Sciences Office (DSO)

Broad Agency Announcement

[HR001120S0048](#)

The mission of the DARPA DSO is to identify and create the next generation of scientific discovery by pursuing high-risk, high-payoff research initiatives across a broad spectrum of science and engineering disciplines and transforming these initiatives into disruptive technologies for U.S. national security. In support of this mission, the DSO Office-wide BAA invites proposers to submit innovative basic or applied research concepts or studies and analysis proposals that address one or more of the following technical thrust areas: (1) Frontiers in Math, Computation and Design, (2) Limits of Sensing and Sensors, (3) Complex Social Systems, and (4) Anticipating Surprise. Each of these thrust areas is described below and includes a list of example research topics that highlight several (but not all) potential areas of interest. Proposals must investigate innovative approaches that enable revolutionary advances. DSO is explicitly not interested in approaches or technologies that primarily result in evolutionary improvements to the existing state of practice.

- Additional information regarding this BAA can be found at the following link:
https://beta.sam.gov/opp/36d6bc789b364142a0f7a267017b06d9/view?keywords=HR001120S0048&sort=-relevance&index=opp&is_active=true&page=1
- Please send any questions regarding BAA HR001120S0048 to HR001120S0048@darpa.mil

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