

2018

ORDA Weekly Update, 2018 08 27

Office of Research Development and Administration

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Office of Research Development and Administration

Events & Deadlines

August 27, 2018

Internal Awards

Culture of Research Excellence (CoRE) Faculty Fellowship

The Office of Research Development and Administration is soliciting applications for the 3^d cohort of the EMU Culture of Research Excellence (CoRE) Grant Writing Program, starting Winter 2019. Support for this program is also provided by the College Deans and the University Librarian.

The CoRE program is for faculty who are ready to write a proposal and would like support during the process in order to produce a highly competitive application. To maximize the benefit of this program, eligible faculty participants should be ready to begin the development of a competitive proposal for federal funding. Evidence of readiness may include one or more of the following:

- Clear research idea with relevance for program within a specific directorate or institute
- Prior submission of federal research funding

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- Prior non-federal funding
- Preliminary data in hand
- Relevant research publications
- Effective collaboration established (if applicable)

The CoRE program will offer:

Winter 2019 grant writing bootcamp

- o Includes seminars by national experts
- o Peer support and review
- o Travel to Washington DC to meet with Program Officers
 - Release time during the Winter 2019 semester to attend the weekly grant writing bootcamp and work on your proposal
 - Summer writing group
 - Release time in Fall of 2019 to complete your proposal.

Applications due October 8, 2018

Selections will be announced October 19, 2018

Apply online: <https://emich.infoready4.com/>

James H. Brickley Award

The purpose of the James H. Brickley Award is to facilitate faculty professional development and innovation through a broad range of activities, including but not limited to, things such as:

- Reassigned time from teaching for scholarly, creative and innovative endeavor
- Conference presentations
- Travel
- Hiring of research assistants
- Purchase of special equipment or supplies for teaching, scholarly, research, creative, or innovative activities
- Development of a grant proposal for external funding
- Similar or related academic activities

Special emphasis is given to innovation, such as the application of newer techniques and technologies for creating mental health programs for immigrants, providing special workshops for parents with autistic children, or working with students, parents, teachers, and community leaders in addressing drug addiction.

<https://www.emich.edu/research/development/funding/brickley.php>

Next Deadline: October 2, 2018

Deadlines

Defense Advanced Research Projects Agency, Young Faculty Award

Notice seeking applications to support efforts to identify and engage rising stars in junior faculty positions in academia and equivalent positions at non-profit research institutions and expose them to Department of Defense and National Security challenges and needs. Applicants must be current tenure-track Assistant or Associate Professors and to tenured Assistant or Associate Professors within three years of their tenure appointment. Focus areas include: . Biologically inspired GPS-denied navigation; Enhancing Prophylactic Immunity and the Immune Response; Plant Bio-mining System; Bioaccelerants; Quantum inspired classical optical computing; The Biology of Team Performance; Smart City Sensing for Chemical and Explosive Threat Detection and Identification; Bio-inspired modeling of resilience and efficiency in complex systems; Quantifying Software Vulnerability Longevity; Hybrid Intelligent Agents; Complete Logic Erasure And Recovery; Validating Type Consistency of Semi-Structured Data; Device-centric Detection of Security and Privacy Attacks Against Cellular Networks; . Instinctual Radio Frequency (RF) Adaptive Circuits, Devices & Materials; New Materials for Efficient Nonlinear Integrated Photonics; Multi-Functional Materials for Additive Manufacturing; Integrating Infrared Devices on Substrates with Low Dislocation Densities Using Low-cost Fabrication Technologies; Compact Planar Ultra broadband Array Antenna; Non-foster Circuit Synthesis; Integrated Analog Photonics; Learning to Become Skilled at Tasks; Predictive Vision; Assessing the Reliability of Structural Systems Undergoing Intense Multi-Physics Loading Typical of Sustained Hypersonic Flight; Health Monitoring of High Speed Propulsion Systems; and Dynamic Network Modeling for On-orbit Servicing, Assembly, and Manufacturing.

<https://www.fbo.gov/?s=opportunity>

Next Deadline: optional executive summaries, September 10, 2018 ; full proposals, November 13, 2018

United Way of Washtenaw County, Opportunity Fund

These grants provide support for organizations whose work benefits priority populations in Washtenaw County: lower-income populations, communities of color and groups deemed to be marginalized. In addition to the above, the work of an application organization must align with one or more of the following criteria:

- Meet an emergent, unmet community or organizational capacity need
- Leverage United Way support as match for additional grant funding
- Pilot a promising or evidence-based practice
- Increase the financial stability of individuals and families
- Prioritize systematic racial equity

<https://www.uwwashtenaw.org/grants>

Next Deadline: September 14, 2018

Department of Defense, Assessment of the Psychological and Physiological Effects of Augmented Reality

Notice seeking applications to support assessments to understand the psychological or physiological effects of augmented reality (AR) medical simulations that may impact learning effectiveness in humans. The ultimate goal of this research is to identify psychological and physiological limitations of AR medical simulation training in the diverse high pressure and stressful context anticipated in the various military echelons of care, which will help ensure optimal development and utilization of AR technology to address the identified capability gaps in military medical simulation training. Proposed studies are not limited to a specific medical domain and all areas of medicine are encouraged for submission (i.e., dental, dermatology, obstetrics, ophthalmology, and surgical fields); however, projects related to treatment of traumatic and acute injuries/multi-casualty are preferential.

<https://www.fbo.gov/?s=opportunity>

Next Deadline: September 21, 2018

Department of Defense, Congressionally Directed Medical Research Programs, Psychological Health/Traumatic Brain Injury

Applications to the Fiscal Year 2018 (FY18) Psychological Health and Traumatic Brain Injury Research Program (PH/TBIRP) are being solicited for the Defense Health Agency (DHA) J9, Research and Development Directorate, by the U.S. Army Medical Research Acquisition Activity (USAMRAA) using delegated authority provided by United States Code, Title 10, Section 2358 (10 USC 2358). As directed by the Office of the Assistant Secretary of Defense for Health Affairs (OASD[HA]), the DHA manages the Defense Health Program (DHP) Research, Development, Test, and Evaluation (RDT&E) appropriation. The U.S. Army Medical Research and Materiel Command (USAMRMC) Congressionally Directed Medical Research Programs (CDMRP) provides execution management support for DHP research program areas, including the Joint Program Committee 8/Clinical and Rehabilitative Medicine Research Program (JPC-8/CRM RP). The execution management agent for this Program Announcement is the CDMRP with strategic oversight from the JPC-8/CRM RP. The PH/TBIRP was established by Congress in FY07 in response to the devastating impact of traumatic brain injury (TBI) and psychological health (PH) issues, including post-traumatic stress disorder (PTSD), on our deployed Service members in Iraq and Afghanistan. The PH/TBIRP mission is to establish, fund, and integrate both individual and multiagency research efforts that will lead to improved prevention, detection, and treatment of PH issues and TBI. The vision of the PH/TBIRP is to prevent, mitigate, and treat the effects of traumatic stress and TBI on function, wellness, and overall quality of life for Service members as well as their caregivers and families.

<http://cdmrp.army.mil/funding/phtbi>

Next Deadline: Preproposals, September 24, 2018 , Full proposals, December 17, 2018

American Association of University Women Research Publication Grants

AAUW's American Fellowships program has been in existence since 1888, making it the oldest noninstitutional source of graduate funding for women in the United States. The program provides fellowships for women pursuing full-time study to complete dissertations, conducting postdoctoral research full time, or preparing research for publication for eight consecutive weeks.

Short-Term Research Publication Grants provide support to scholars to prepare research manuscripts for publication. Preference will be given to applicants whose work supports the vision of AAUW: to break through educational and economic barriers so that all women have a fair chance.

<https://www.aauw.org/what-we-do/educational-funding-and-awards/>

Next Deadline: November 1, 2018

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