

# **Grants Opportunities: Defense (8)**

## **March-May 2014**

### **Defense Production Act (DPA) Title III Submarine Valve Regulated Lead-Acid Batteries Project**

**Granting Agency:** Air Force- Research Lab -Department of Defense

**Current Closing Date for Applications:** 03/03/2014

**Eligibility:** Unrestricted

**Estimated Total Program Funding:** \$19,360,000

**CFDA Number:** 12.800

**Funding Opportunity Number:** FOA-RQKM-2014-0010

This Title III project shall enhance domestic production capability of Submarine Valve Regulated Lead-Acid batteries with (a) viable, world-class domestic manufacturer(s) that is/(are) responsive to customer requirements with respect to quality, delivery, and price. Project focus will be the utilization of industrial manufacturing capabilities and quality management systems for affordable production to meet Department of Defense (DoD) submarine VRLA battery performance requirements, including an eight (8) year life expectancy with minimal submarine VRLA battery intervention (cell replacements, isolations, and/or charge-profile adjustments), given varied operational scenarios encountered in US Navy submarine operating environment. Attention will be paid to enhancing merchant supplier capabilities in order to effectively serve the broad DoD and non-DoD communities.

### **National Security Science and Engineering Faculty Fellowship**

**Granting Agency:** Office of Naval Research

**Current Closing Date for Applications:** 5/12/2014

**Expected Number of Awards:** 99

**Eligibility:** Private, Public and State controlled institutions of higher education

**CFDA Number:** 12.300

**Funding Opportunity Number:** ONRFOA14-005

The National Security Science and Engineering Faculty Fellowship (NSSEFF) program is sponsored by the Basic Research Office, Office of Assistant Secretary of Defense for Research and Engineering (ASD (R&E)). NSSEFF supports innovative basic research within academia, as well as education initiatives that seek to create and develop the next generation of scientists and engineers for the defense and national security workforce. **For more information go to:**

**<http://www.onr.navy.mil/Contracts-Grants/Funding-Opportunities/Broad-Agency-Announcements.aspx>**

### **Defense Sciences Research and Technology**

**Granting Agency:** DARPA - Defense Sciences Office

**Current Closing Date for Applications:** 05/22/2014

**Eligibility:** Private, Public and State controlled institutions of higher education

**CFDA Number:** 12.910

**Funding Opportunity Number:** DARPA-BAA-13-20

DARPA is soliciting innovative research proposals of interest to the Defense Sciences Office. Proposed research should investigate innovative approaches that enable revolutionary advances in science and technology. Specifically excluded is research that results primarily in evolutionary improvements to the existing state of the art. See Attached DARPA-BAA-13-20. **For more information go to:** [http://www.darpa.mil/Opportunities/Solicitations/DSO\\_Solicitations.aspx](http://www.darpa.mil/Opportunities/Solicitations/DSO_Solicitations.aspx)

## **Electronic Warfare Technology**

**Granting Agency:** Office of Naval Research

**Current Closing Date for Applications:** 05/27/2014

**Eligibility:** Unrestricted

**Estimated Total Program Funding:** \$31,500,000

**CFDA Number:** 12.300

**Funding Opportunity Number:** ONRBAA14-006

The goal of Electronic Warfare (EW) is to control the Electro-Magnetic Spectrum (EMS) by exploiting, deceiving, or denying enemy use of the spectrum while ensuring its use by friendly forces. To that end, the Office of Naval Research (ONR) EW Discovery and Invention (D&I) program invests in Science and Technology (S&T) initiatives that will provide naval forces (including Navy and Marine Corps) with improved threat warning systems; Electronic warfare Support (ES); decoys and countermeasures against weapon tracking and guidance systems; Electronic Attack (EA) against adversary Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR); and Electronic Protection (EP) of our own weapons and C4ISR from intentional and unintentional interference. **For more information go to:** <http://www.onr.navy.mil/Contracts-Grants/Funding-Opportunities/Broad-Agency-Announcements.aspx>

## **Research Interests of the Air Force Office of Scientific Research**

**Granting Agency:** Air Force Office of Scientific Research

**Current Closing Date for Applications:** This BAA is open until Superseded.

**Eligibility:** All responsible, potential applicants from academia and industry are eligible to submit proposals. AFOSR particularly encourages proposals from small businesses; however, no portion of this BAA is set aside for a specific group. Proposals from Federal Agencies, including subcontracting/subrecipient efforts will not be evaluated under this BAA. Federal agencies should contact the primary POCs listed under each technical area to discuss funding through the internal Government procedures.

**CFDA Number:** 12.800

**Funding Opportunity Number:** BAA-AFOSR-2013-0001

The Air Force Office of Scientific Research (AFOSR) manages the basic research investment for the U.S. Air Force (USAF). As a part of the Air Force Research Laboratory (AFRL), AFOSR's

technical experts foster and fund research within the Air Force Research Laboratory, universities, and industry laboratories to ensure the transition of research results to support USAF needs. Using a carefully balanced research portfolio, research managers seek to create revolutionary scientific breakthroughs, enabling the Air Force and U.S. industry to produce world-class, militarily significant, and commercially valuable products. To accomplish this task, AFOSR solicits proposals for basic research through this general Broad Agency Announcement (BAA). This BAA outlines the Air Force Defense Research Sciences Program. AFOSR invites proposals for research in many broad areas. These areas are described in detail in Section I of the BAA, Funding Opportunity Description. AFOSR plans, coordinates, and executes the Air Force Research Laboratory's (AFRL) basic research program in response to technical guidance from AFRL and requirements of the Air Force; fosters, supports, and conducts research within Air Force, university, and industry laboratories; and ensures transition of research results to support USAF needs. The focus of AFOSR is on research areas that offer significant and comprehensive benefits to our national warfighting and peacekeeping capabilities. These areas are organized and managed in five scientific directorates: Dynamical Systems and Control (RTA), Quantum & Non-Equilibrium Processes (RTB), Information, Decision, and Complex Networks (RTC), Complex materials and Devices (RTD), and Energy, Power, and Propulsion (RTE). The research activities managed within each directorate are summarized in Section I of the BAA.

## **Algorithms for Threat Detection**

**Granting Agency:** National Science Foundation

**Current Closing Date for Applications:** Waiting on new publication.

**Expected Number of Awards:** 20

**Eligibility:** Unrestricted

**Estimated Total Program Funding:** \$8,000,000

**CFDA Number:** 47.049

**Funding Opportunity Number:** 12-502

The Division of Mathematical Sciences (DMS) at the National Science Foundation (NSF) has formed a partnership with the Defense Threat Reduction Agency (DTRA) and the National Geospatial Intelligence Agency (NGA) to develop the next generation of mathematical and statistical algorithms for the detection of chemical agents, biological threats, and threats inferred from geospatial information. This program solicits proposals from the mathematical sciences community in two main thrust areas: mathematical and statistical techniques for genomics, and mathematical and statistical techniques for the analysis of data from sensor systems. **For more information, go to:** [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf12502](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf12502)

## **FY2011 – 2016 Basic Research for Combating Weapons of Mass Destruction (C-WMD) Broad Agency Announcement (BAA)**

**Granting Agency:** Defense Threat Reduction Agency

**Current Closing Date for Applications:** Refer to the BAA for milestone dates.

**Expected Number of Awards:** 325

**Eligibility:** Unrestricted

**CFDA Number:** 12.351

**Funding Opportunity Number:** HDTRA1-11-16-BRCWMD-BAA

## **Procurement Technical Assistance Program (PTAP)**

**Granting Agency:** Defense Logistics Agency

**Current Closing Date for Applications:** Refer to the instructions for Step (2) in Section IV of Solicitation for Cooperative Agreement Applications (SCAA) number DLA-20130412 issued on April 12, 2013.

**Eligibility:** Eligible applicants are those that have completed Step (1) described in Section IV of Solicitation for Cooperative Agreement Applications (SCAA) number DLA-20130412.

**CFDA Number:** 12.002

**Funding Opportunity Number:** DLA-20130412B

Provided for completion of Step (2) of the application process described in Section IV of Solicitation for Cooperative Agreement Applications (SCAA) number DLA-20130412. **For more information, go to:** <http://www.dla.mil/SmallBusiness/Documents/SCAA2013.pdf>