



## Casimir Effect Enhancement (CEE)

The summary for the Casimir Effect Enhancement (CEE) grant is detailed below. This summary states who is eligible for the grant, how much grant money will be awarded, current and past deadlines, Catalog of Federal Domestic Assistance (CFDA) numbers, and a sampling of similar government grants. Verify the accuracy of the data FederalGrants.com provides by visiting the webpage noted in the *Link to Full Announcement* section or by contacting the appropriate person listed as the *Grant Announcement Contact*. If any section is incomplete, please visit the website for the DARPA Microsystems Technology Office, which is the U.S. government agency offering this grant.

**Casimir Effect Enhancement (CEE):** The purpose of this amendment is the change the due date of the full proposals to 13 Jan 2008. See the revised full BAA document attached. Original posting: DARPA is soliciting innovative research proposals in the area of Casimir Effect Enhancement (CEE). The goal of this program is to develop new methods to control and manipulate attractive and repulsive forces at surfaces based on engineering of the Casimir Force. One could leverage this ability to control phenomena such as adhesion in nanodevices, drag on vehicles and many other interactions of interest to the DoD. A specific goal of this single-phase DARPA program is to demonstrate the ability to manipulate and engineer the Casimir force including the ability to neutralize the Casimir force. All administrative correspondence and questions on this solicitation, including requests for information on how to submit a proposal abstract or full proposal to this BAA, should be directed to one of the administrative addresses below; e-mail is preferred. (PHONE: (703) 351-8427 for administrative/TFIMS questions; PHONE: (703) 351-8573 for technical questions). DARPA intends to use electronic mail for correspondence regarding DARPA-BAA-08-59 (EMAIL: baa08-59@darpa.mil). Proposals and proposal abstracts may not be submitted by fax or e-mail; any so sent will be disregarded. See Full DARPA-BAA-08-59 document attached.

Federal Grant Title:	<b>Casimir Effect Enhancement (CEE)</b>
Federal Agency Name:	<b><u>DARPA Microsystems Technology Office</u></b>
Grant Categories:	<b>Science and Technology</b>
Type of Opportunity:	<b>Discretionary</b>
Funding Opportunity Number:	<b>DARPA-BAA-08-59</b>

Type of Funding:	<b>Cooperative Agreement Grant Other Procurement Contract</b>
CFDA Numbers:	<b>12.910</b>
CFDA Descriptions:	<b>Research and Technology Development</b>
Current Application Deadline:	<b>Sep 09, 2009 Impo</b>
Original Application Deadline:	<b>Sep 09, 2009 Impor</b>
Posted Date:	<b>Sep 09, 2008</b>
Creation Date:	<b>Nov 19, 2008</b>
Archive Date:	<b>Oct 23, 2009</b>
Total Program Funding:	
Maximum Federal Grant Award:	<b>\$0</b>
Minimum Federal Grant Award:	<b>\$0</b>
Expected Number of Awards:	
Cost Sharing or Matching:	<b>No</b>

### Applicants Eligible for this Grant

Unrestricted (i.e., open to any type of entity above), subject to any clarification in text field entitled "Additional Information on Eligibility"

### Link to Full Grant Announcement

**Information not provided**

### Grant Announcement Contact

Dr. Thomas Kenny, Program Manager 3701 North Fairfax Drive Arlington, VA 22203-1714 PHONE: (703) 351-8427 (administrative/TFIMS questions) PHONE: (703) 351-8573 (technical questions)  
BAA Coordinator [baa08-59@darpa.mil ]

### Similar Government Grants

- **Automated Discovery for Design and Control of Turbulent Systems (AutoDIDACTS)**

- **Protean**
- **Mechanisms for Amplification of fusion Reaction Rates in Solids (MARRS)**
- **High-efficiency Nitrogen Oxidation (HNO<sub>3</sub>)**
- **Information Innovation Office (I2O) Office-Wide**
- **Wide Band Gap Semiconductors for RF Applications (WBGS-RF)**
- **Robust Integrated Power Electronics (RIPE)**
- **Microantenna Arrays:Technology and Applications (MIATA)**

**More Grants from the DARPA Microsystems Technology Office**

- **Microsystems Technology Office (MTO) Office-wide**
- **COmpact Front-end Filters at the ELEment-level (COFFEE) Program, Technical Area 2 (TA2)**
- **Material Synthesis Technologies for Universal and Diverse Integration Opportunities (M-STU...)**
- **Ultra-Wide BandGap Semiconductors (UWBGS)**
- **Intensity-Squeezed Photonic Integration for Revolutionary Detectors (INSPIRED)**

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