

## 1. Defense Threat Reduction Agency (DTRA) Program managers presentation.

DTRA fosters and enables farsighted, high payoff research focused on the unique challenges related to countering the effects of weapons of mass destruction (WMD) by advancing the fundamental knowledge and understanding in the sciences, facilitating the transition of basic research to the applied research stakeholders, and complementing Agency applied research efforts with university research capabilities. Registration required **Wednesday, May 18, 2011**, 4:00-5:00 pm ET [http://center.ncet2.org/index.php?option=com\\_joomla\\_lms&Itemid=53&task=c](http://center.ncet2.org/index.php?option=com_joomla_lms&Itemid=53&task=c)

## 2. New ARPA-E Programs

Up to \$130-million will be made available by the Advanced Research Projects Agency-Energy (ARPA-E) to develop five new program areas that could spark critical breakthrough technologies and secure America's energy future. Five Technology Areas are: <http://arpa-e.energy.gov/>

**Plants engineered to replace oil (PETRO):** Up to \$30-million will be made available by ARPA-E to technologies to create plants that capture more energy from sunlight and convert that energy directly into fuels. If successful, PETRO will create biofuels for half their current cost, finally making them cost-competitive with fuels from oil.

**Concept paper deadline May 19, 2011**

**High energy advanced thermal storage (HEATS):** Up to \$30-million will be available for revolutionary cost-effective thermal energy storage technologies in three focus areas: high temperature storage systems to deliver solar electricity more efficiently around the clock and allow nuclear and fossil baseload resources the flexibility to meet peak demand; fuel produced from the sun's heat; and HVAC systems that use thermal storage to improve the driving range of electric vehicles by up to 40%.

**Concept paper deadline May 19, 2011**

**Rare earth alternatives in critical technologies (REACT):** Up to \$30-million will be available from ARPA-E to fund early-stage technology alternatives that reduce or eliminate the dependence on rare earth materials by developing substitutes in two key areas: electric vehicle motors and wind generators. Rare earths are naturally-occurring minerals with unique magnetic properties that are used in many emerging energy technologies.

**Concept paper deadline May 19, 2011**

**Green electricity network integration (GENI):** ARPA-E will make up to \$30-million available to fund innovative control software and high voltage hardware to control the grid reliably with: controls able to manage 10 times more sporadically available wind and solar electricity than currently on the grid; and resilient power flow control hardware (or the energy equivalent of an Internet router) to enable significantly more electricity through the existing network of transmission lines.

**Concept paper deadline May 19, 2011**

**Solar agile delivery of electrical power technology (Solar ADEPT):** DOE's SunShot Initiative leverages the unique strengths across DOE to cut total costs of utility-scale solar systems by 75% by the end of the decade. ARPA-E's portion of the collaboration is the Solar ADEPT program, which focuses on integrating advanced power electronics into solar panels and solar farms to extract and deliver energy more efficiently. Specifically, ARPA-E aims to invest up to \$10-million in key advances in magnetics, semiconductor switches, and charge storage, that could reduce power conversion costs by up to 50% for utilities and 80% for homeowners.

**Concept paper deadline May 19, 2011 (FTW)**

### 3. NEH Summer Stipend Limited submission opportunity

NEH is again holding its Summer Stipends competition, and the revised guidelines have been posted on the Endowment's website.  
<http://www.neh.gov/grants/guidelines/stipends.html>

Deadline for this year's competition is **September 29, 2011**. The grant award is \$6000. The Humanities Council with the OVPR will handle this internal competition.

### 4. Faculty NRUF eligible awards and deadlines

i) Cottrell Scholars

<http://www.rescorp.org/cottrell-scholar-awards/intro-guidelines>

Deadline August 1, 2011

ii) Charles A. Ryskamp Research Fellowships

<http://www.acls.org/grants/Default.aspx?id=408>

Updates for the 2011-12 competition will be posted in early July.

iii) ACLS Fellowships

Updates for the 2011-12 competition will be posted in early July.

<http://www.acls.org/grants/Default.aspx?id=3154&linkidentifier=id&itemid=3154>

<http://www.acls.org/programs/digital/>

<http://www.acls.org/programs/burkhardt/>

iv) Burroughs Wellcome Fund  
Infectious Disease

<http://www.bwfund.org/pages/75/Infectious-Diseases/>

Deadline November 1, 2011

v) Fulbright Scholar program

[http://www.cies.org/us\\_scholars/us\\_awards/](http://www.cies.org/us_scholars/us_awards/)

**DEADLINES**

**AUGUST 1**

Core Fulbright lecturing, lecturing/research and research awards worldwide

- Fulbright Distinguished Chairs Program

- U.S.-India International Education Administrators Program

**NOVEMBER 1**

- U.S.-Japan International Education Administrators Program
- U.S.-Korea International Education Administrators Program
- Fulbright German Studies Seminar

**FEBRUARY 1**

- U.S.-Germany International Education Administrators Program

v) American Law Institute

<http://www.ali.org/>

Deadlines: The Membership Committee meets twice a year to consider proposals for membership. The deadlines for submitting proposals are **September 1** and **December 15**.

vi) Guggenheim Foundation

<http://www.gf.org/about-the-foundation/the-fellowship/>

Deadline August 1, 2011

vii) Getty Scholar in Residence

[http://www.getty.edu/foundation/funding/residential/getty\\_scholars.html](http://www.getty.edu/foundation/funding/residential/getty_scholars.html)

Deadline unannounced

viii) NEH Fellows

<http://www.neh.gov/grants/grants.html>

Deadlines August 2011

### 5. FDA initiative

The Food and Drug Administration (FDA) announced the availability of grant funds for support of the Analgesic Clinical Trials Innovation, Opportunities, and Networks (ACTION) Initiative, whose goal is to streamline the discovery and development process for new analgesic drug products for public health.

[www.fda.gov/AboutFDA/PartnershipsCollaborations/PublicPrivatePartnershipProgram/ucm166082.htm](http://www.fda.gov/AboutFDA/PartnershipsCollaborations/PublicPrivatePartnershipProgram/ucm166082.htm)

Deadline: Applications are due by June 8 and the anticipated start date is July 14.