

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### Center for Scientific Review; Notice of Closed Meetings

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), notice is hereby given of the following meetings.

The meetings will be closed to the public in accordance with the provisions set forth in sections 552b(c)(4) and 552b(c)(6), Title 5 U.S.C., as amended. The grant applications and the discussions could disclose confidential trade secrets or commercial property such as patentable material, and personal information concerning individuals associated with the grant applications, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; Member Conflict: Adult Psychopathology.

*Date:* February 19, 2013.

*Time:* 2:30 p.m. to 4:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, 6701 Rockledge Drive, Bethesda, MD 20892 (Telephone Conference Call).

*Contact Person:* Jane A Doussard-Roosevelt, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 3184, MSC 7848, Bethesda, MD 20892, (301) 435-4445, [doussarj@csr.nih.gov](mailto:doussarj@csr.nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; Behavioral Genetics and Epidemiology: Collaborative Applications.

*Date:* February 20, 2013.

*Time:* 8:30 a.m. to 6:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* Sir Francis Drake Hotel, 450 Powell Street at Sutter, San Francisco, CA 94102.

*Contact Person:* George Vogler, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 3140, MSC 7770, Bethesda, MD 20892, 301-435-0694, [voglergp@csr.nih.gov](mailto:voglergp@csr.nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; PAR10-169: Academic Industrial Partnership (2013/05).

*Date:* February 20-21, 2013.

*Time:* 9:00 a.m. to 5:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, 6701 Rockledge Drive, Bethesda, MD 20892.

*Contact Person:* Mehrdad Mohseni, MD, Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 5211, MSC 7854, Bethesda, MD 20892, 301-435-0484, [mohsenim@csr.nih.gov](mailto:mohsenim@csr.nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; Small Business: Sensory Technologies.

*Date:* February 21-22, 2013.

*Time:* 8:00 a.m. to 5:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* Renaissance Mayflower Hotel, 1127 Connecticut Avenue NW., Washington, DC 20036.

*Contact Person:* Paek-Gyu Lee, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 4201, MSC 7812, Bethesda, MD 20892, (301) 613-2064, [leepg@csr.nih.gov](mailto:leepg@csr.nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; Small Business: Medical Imaging.

*Date:* February 21-22, 2013.

*Time:* 8:00 a.m. to 5:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* Doubletree Guest Suites Santa Monica, 1707 Fourth Street, Santa Monica, CA 90401.

*Contact Person:* Leonid V Tsap, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 5128, MSC 7854, Bethesda, MD 20892, (301) 435-2507, [tsapl@csr.nih.gov](mailto:tsapl@csr.nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; RFA Panel: Tobacco Control Regulatory Research.

*Date:* February 21, 2013.

*Time:* 8:00 a.m. to 6:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* Holiday Inn Inner Harbor, 301 W. Lombard Street, Baltimore, MD 21201.

*Contact Person:* Tomas Drgon, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 3152, MSC 7770, Bethesda, MD 20892, 301-435-1017, [tdrgon@csr.nih.gov](mailto:tdrgon@csr.nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; Small Business: Risk, Prevention and Health Behavior.

*Date:* February 21-22, 2013.

*Time:* 8:00 a.m. to 5:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* Fairmont Hotel San Francisco, 950 Mason Street, San Francisco, CA 94108.

*Contact Person:* Claire E Gutkin, Ph.D., MPH, Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 3106, MSC 7808, Bethesda, MD 20892, 301-594-3139, [gutkincl@csr.nih.gov](mailto:gutkincl@csr.nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; Pathophysiology and Clinical Studies of Osteonecrosis of the Jaw.

*Date:* February 21, 2013.

*Time:* 10:00 a.m. to 2:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* Sir Francis Drake Hotel, 450 Powell Street at Sutter, San Francisco, CA 94102.

*Contact Person:* Yi-Hsin Liu, Ph.D., Scientific Review Officer, Center for

Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 4214, MSC 7814, Bethesda, MD 20892, 301-435-1781, [liuyh@csr.nih.gov](mailto:liuyh@csr.nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; Neurobiology of Neurodegeneration.

*Date:* February 21, 2013.

*Time:* 1:30 p.m. to 2:30 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* Fairmont Hotel San Francisco, 950 Mason Street, San Francisco, CA 94108.

*Contact Person:* Laurent Taupenot, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 4811, MSC 7850, Bethesda, MD 20892, 301-435-1203, [taupenol@csr.nih.gov](mailto:taupenol@csr.nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; Small Business: Biomedical Sensing, Measurement and Instrumentation.

*Date:* February 22, 2013.

*Time:* 8:00 a.m. to 5:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* Doubletree Guest Suites Santa Monica, 1707 Fourth Street, Santa Monica, CA 90401.

*Contact Person:* Guo Feng Xu, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 5122, MSC 7854, Bethesda, MD 20892, 301-237-9870, [xuguofen@csr.nih.gov](mailto:xuguofen@csr.nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; RFA Panel: Patient Safety Research during Neonatal Care.

*Date:* February 22, 2013.

*Time:* 8:00 a.m. to 5:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* Embassy Suites Alexandria, 1900 Diagonal Road, Alexandria, VA 22314.

*Contact Person:* Priscah Mujuru, RN, MPH, DRPH, COHNS, Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 3139, MSC 7770, Bethesda, MD 20892, 301-594-6594, [mujurup@mail.nih.gov](mailto:mujurup@mail.nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; Health Services Organization and Delivery Overflow.

*Date:* February 22, 2013.

*Time:* 8:00 a.m. to 5:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* Embassy Suites at the Chevy Chase Pavilion, 4300 Military Road NW., Washington, DC 20015.

*Contact Person:* Jacinta Bronte-Tinkew, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 3164, MSC 7770, Bethesda, MD 20892, (301) 806-0009, [brontetinkewjm@csr.nih.gov](mailto:brontetinkewjm@csr.nih.gov).

(Catalogue of Federal Domestic Assistance Program Nos. 93.306, Comparative Medicine; 93.333, Clinical Research, 93.306, 93.333, 93.337, 93.393-93.396, 93.837-93.844, 93.846-93.878, 93.892, 93.893, National Institutes of Health, HHS)

Dated: January 18, 2013.

**Anna Snouffer,**

*Deputy Director, Office of Federal Advisory Committee Policy.*

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## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### Announcement of Requirements and Registration for the 2013 NIBIB Design by Biomedical Undergraduate Teams (DEBUT) Challenge

**Authority:** 15 U.S.C. 3719.

**SUMMARY:** The National Institute of Biomedical Imaging and Bioengineering (NIBIB) DEBUT Challenge is open to teams of undergraduate students working on projects that develop innovative solutions to unmet health and clinical problems. NIBIB's mission is to improve health by leading the development and accelerating the application of biomedical technologies. The goals of the challenge are (1) to provide undergraduate students valuable experiences such as working in teams, identifying unmet clinical needs, and designing, building, and debugging solutions for such open-ended problems; (2) to generate novel, innovative tools to improve health care, consistent with NIBIB's purpose to support research, training, the dissemination of health information, and other programs with respect to biomedical imaging and engineering and associated technologies and modalities with biomedical applications; and (3) to highlight and acknowledge the contributions and accomplishments of undergraduate students.

**DATES:** The competition begins January 25, 2013.

*Submission Period:* January 28, 2013, to June 6, 2013, 11:59 p.m. EST.

*Judging Period:* June 10, 2013, to July 25, 2013.

*Winners announced:* August 12, 2013.

*Award ceremony:* September 2013, Biomedical Engineering Society Conference (exact date to be announced at <http://debut2013.challenge.gov/>).

**FOR FURTHER INFORMATION CONTACT:** [info@nibib.nih.gov](mailto:info@nibib.nih.gov) or (301) 451-4792.

#### SUPPLEMENTARY INFORMATION:

*Subject of Challenge Competition:* The NIBIB DEBUT Challenge solicits entries that develop innovative solutions to unmet health and clinical problems under one of the following categories:

- Diagnostic Devices/Methods
- Therapeutic Devices/Methods
- Technology to Aid Underserved Populations and Individuals with Disabilities.

#### *Eligibility Rules for Participating in the Competition:*

1. To be eligible to win a prize under this challenge, each individual on the Student Team must

(a) Be a citizen or permanent resident of the United States;

(b) Be an undergraduate student enrolled full-time in an undergraduate curriculum during the academic year 2012-2013;

(c) Have his/her own active Challenge.gov account that he/she has created at [www.challenge.gov/](http://www.challenge.gov/);

(d) Form or join a "Student Team" with at least two other individuals who satisfy the criteria in (a), (b), and (c) above for the purpose of developing an entry for submission to this challenge. While it is expected that most of the individuals participating in the competition may be students from biomedical engineering departments, interdisciplinary teams including students from other fields are welcome and encouraged;

(e) Acknowledge understanding and acceptance of the DEBUT challenge rules by signing the NIBIB DEBUT Challenge Certification Form found at [http://www.nibib.nih.gov/Training/Undergrad\\_Grad/DEBUT/NIBIB\\_DEBUT\\_Certification\\_Form.pdf](http://www.nibib.nih.gov/Training/Undergrad_Grad/DEBUT/NIBIB_DEBUT_Certification_Form.pdf). Each entry must include one NIBIB DEBUT Challenge Certification Form, completed with dates and the printed names and signatures of each individual member of the Student Team. Entries that do not provide a complete Certification Form will be disqualified from the challenge;

(f) Comply with all the requirements under this section; and

(g) Not be a federal employee acting within the scope of his/her employment. Federal employees seeking to participate in this challenge outside the scope of their employment should consult their ethics official prior to developing a submission.

2. By participating in this challenge, each individual agrees to abide by all rules of this challenge and the *Challenge.gov Terms of Participation* (<http://challenge.gov/terms>).

3. Each entry into this challenge must have been conceived, designed, and implemented by the Student Team. Student Teams participating in capstone design projects are especially encouraged to enter the challenge.

4. Each Student Team may submit only one entry into this challenge through one member of the Student

Team appointed as "Corresponding Student" by that Student Team. The Corresponding Student will carry out all correspondence regarding the Student Team's entry.

5. The Corresponding Student will submit a Student Team's entry on behalf of the Student Team by following the links and instructions at <http://debut2013.challenge.gov/> and certify that the entry meets all the challenge rules.

6. Each entry into this challenge must describe an original biomedical engineering project that falls into one of the following 3 categories:

(a) Diagnostic Devices/Methods e.g., sensors, imaging devices, imaging agents, telehealth, clinical laboratory diagnostics

(b) Therapeutic Devices/Methods e.g., implants, biomaterials, surgical tools, tissue engineering, drug and gene delivery

(c) Technology to Aid Underserved Populations and Individuals with Disabilities e.g., point-of-care technologies, devices/methods to address health disparities, m-health, aids for individuals with disabilities (see <http://www.ada.gov/pubs/adastatute08.htm#12102> for a definition of "disability").

The examples under the different categories above are provided for illustration but not limitation. It is possible for an entry to fit into more than one category. In such instances, Student Teams should choose the category to which the entry is most closely related.

7. Each entry must comply with Section 508 standards that require federal agencies' electronic and information technology be accessible to people with disabilities, <http://www.section508.gov/>.

8. Each individual on the Student Team must be 13 years of age or older. Individuals who are younger than 18 must have their parent or legal guardian complete the Parental Consent Form found at [http://cphome.s3.amazonaws.com/forms/parental\\_consent\\_form.pdf](http://cphome.s3.amazonaws.com/forms/parental_consent_form.pdf).

9. Each entry must be submitted as a single pdf file and must include the following:

- Cover letter, on department letterhead, from a faculty member from the Biomedical Engineering, Bioengineering or similar department of the institution in which the Student Team members are enrolled, verifying that the entry was achieved by the named Student Team that is enrolled full-time in an undergraduate curriculum during the academic year 2012-2013, and describing clearly any contribution from the advisor or any