EPA & NSF funding opportunity highlights

**Environmental Protection Agency (EPA)**
Deadline for the following two programs: **Feb. 22, 2011**

*Developing the Next Generation of Air Quality Measurement Technology, EPA-G2011-STAR-B1*
Eligibility: faculty with PI eligibility $500,000 total costs over 3 yrs (5 to be awarded)

Eligibility: assist. professors with PI eligibility (see guidelines for additional information) $250,000 total costs over 3 yrs (2 to be awarded)

**National Science Foundation (NSF)**

*Eligibility:* Stanford faculty with PI eligibility

Unlimited numbers of applications are permitted (an internal selection process is not required for any of these RFAs.)

NSF Policy regarding "Medical Research/Disease-related goal restrictions" (see the end of this message)

**NSF PD 09-1128 Population and Community Ecology**
Full proposal deadline: **Jan. 9, 2011**

**NSF PD 09-501 Research Initiation Grants to Broaden Participation in Biology (RIG BP)**
Maximum of $175,000 total costs over 2 years.
Eligibility: assistant professors with PI eligibility in their first faculty appointment who have not previously served as Principal Investigator or co-Principal Investigator on an independent federal research grant. (see other eligibility criteria)
Full proposal deadline: **Jan. 11, 2011**

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**NSF PD 07-1141 Physiological and Structural Systems Cluster**

**NSF PD 07-1111 Developmental Systems Cluster**

**NSF PD 07-5500 Neural Systems**

**NSF PD 07-7472 Behavioral Systems Cluster**

**NSF PD 11-1112 Genetic Mechanisms**

**NSF PD 11-1114 Cellular Processes**

**NSF PD-1144 Biomolecular Dynamics, Structure and Function**
NSF 10-558 Long Term Research in Environmental Biology (LTREB)
Full proposal deadline: Jan. 13, 2011

NSF PD 08-1698 Developmental and Learning Sciences (DLS) Individual Investigator Projects
Full proposal deadline: Jan. 15, 2011

NSF 10-609 Broadening Participation Research Initiation Grants in Engineering Grant
Maximum of $175,000 total costs over 2 years.
Eligibility: Assistant professors with tenure-track appointments within 3 years of their initial appointment as of
the deadline date. (see eligibility guidelines for additional criteria) Principal investigators (PIs) must be
affiliated with an engineering department or a department closely related to engineering. Support for graduate
students and undergraduate students, especially underrepresented students, is encouraged.
Full proposal deadline: Jan. 24, 2011

NSF 09-563 Cognitive Neuroscience
Full proposal deadline: Jan. 24, 2011

NSF 11-500 Plant Genome Research Program
Full proposal deadline: Jan. 28, 2011

NSF PD 09-7252 Perception, Action, Cognition
Full proposal deadline: Feb. 1, 2011

NSF 11-7479 Nano and Bio Mechanics (NBM)
Full proposal deadline: Feb. 15, 2011

NSF 11-505 and NIH and Federal Ministry of Education and Research
Collaborative Research in Computational Neuroscience
Full proposal deadlines: Feb. 16, 2011

NSF 11-508 Catalyzing New International Collaborations
Full proposal deadlines: March 1, 2011

Full proposal deadline for the following programs: March 3, 2011

NSF 10-5345 Biomedical Engineering (BME) (supports programs in neural engineering and cellular
biomechanics)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501023&org=CBET&from=home

NSF PD-11-7909 Biosensing
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503353&org=CBET&from=home

NSF 11-1491 Biotechnology, Biochemical, and Biomass Engineering (BBBE)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501024

NSF PD 11-7236 Biophotonics (for research pertaining to human health)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501025&org=CBET&from=home
NSF PD 10-5342 Research to Aid Persons with Disabilities (RAPD)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501021&org=CBET&from=home

NSF PD 11-1417 Chemical and Biological Separations (CBS) PD 11-1417
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13363&org=ENG&sel_org=ENG&from=fund

NSF PD 11-7644 Energy for Sustainability PD 11-7644
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501026&org=ENG&sel_org=ENG&from=fund

NSF PD 10-1440 Environmental Engineering

NSF PD 11-1179 Environmental Health and Safety of Nanotechnology
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501030&org=ENG

NSF PD 10-7643 Environmental Sustainability

NSF PD 11-1401 Catalysis and Biocatalysis
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13360&org=ENG&sel_org=ENG&from=fund

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NSF Policy: Medical Research/Disease-related goal restrictions:
"Research with disease-related goals, including work on the etiology, diagnosis or treatment of physical or mental disease, abnormality, or malfunction in human beings or animals, is normally not supported. Animal models of such conditions or the development or testing of drugs or other procedures for their treatment also are not eligible for support.
EXCEPTIONS: However, research in bioengineering, with diagnosis- or treatment-related goals, that applies engineering principles to problems in biology and medicine while advancing engineering knowledge is eligible for support. Bioengineering research to aid persons with disabilities also is eligible."

General Information

Please be ready to submit your application materials to your Institutional representative* at least 5 working days prior to the sponsor's deadline.

*Institutional representatives:
Medicine-RPMs/RMG: http://med.stanford.edu/rmg/rpmmaster.html
Other schools: OSR: http://ora.stanford.edu/ora/osr/contact.asp

Grants.gov at Stanford resources:
http://ora.stanford.edu/grantsgov/default.asp

NSF Resource and Calendar webpage:
http://med.stanford.edu/rmg/funding/nsf_list.html