

June 26, 2009

Research Opportunities Compiled by:

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Opportunity #1

Climate Process and Modeling Teams (CPT)
National Science Foundation
NSF 09-568

Description: The key aim of the Climate Process Modeling Team (CPT) concept is to speed development of global coupled climate models and reduce uncertainties in climate models by bringing together theoreticians, field observationalists, process modelers and the large modeling centers to concentrate on the scientific problems facing climate models today.

- Anticipated Type of Award: Standard Grant or Continuing Grant
- Estimated Number of Awards: 8 to 12 collaborative grants to enable two to four CPTs
- Anticipated Funding Amount: \$2,500,000 per year depending the availability of funds
- Organization Limit: None Specified
- PI Limit: None Specified
- Limit on Number of Proposals per Organization: None Specified
- Limit on Number of Proposals per PI: one Specified

Link to Full Announcement:

http://www.nsf.gov/pubs/2009/nsf09568/nsf09568.txt?govDel=USNSF_25

Opportunity #2

Resource Core Alcohol Research Centers (P30)
DHHS – NIH
RFA-AA-10-002

Description: The National Institute on Alcohol Abuse and Alcoholism (NIAAA) invites applications for Resource Core Center awards using the NIH P30 funding mechanism to support environments in which basic and applied scientists can assemble to develop a collaborative transdisciplinary alcohol research program. The NIAAA P30 mechanism provides funding for centralized resources and facilities shared by alcohol research investigators. Resource Core Alcohol Research Centers will enrich the effectiveness of ongoing research and promote new research directions. The purpose of this program is to provide resources to foster interdisciplinary, collaborative research on a wide variety of topics relevant to the Institutes mission. These topics include, but are not limited to: the nature, etiology, genetics, diagnosis, treatment, and prevention of alcohol use disorders and their biomedical, psychosocial, and economic consequences across the lifespan. Resource Core Centers are expected to act as regional or national resources in their area of expertise and to actively develop research collaborations with outside investigators, as well as provide the means to develop novel research ideas and encourage investigators via pilot projects. This FOA will utilize the Resource Core Alcohol Research Centers (P30) grant mechanism and runs in parallel with two related FOAs:

1. Specialized Alcohol Research Centers (P50) (RFA-AA-10-003), and
2. Comprehensive Alcohol Research Centers (P60) (RFA-AA-10-004).

Link to Full Announcement:

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AA-10-002.html>

Opportunity #3

Specialized Alcohol Research Centers (P50) DHHS – NIH RFA-AA-10-003

Description: The National Institute on Alcohol Abuse and Alcoholism (NIAAA) invites applications for Specialized Alcohol Research Centers using the P50 mechanism. The overall purpose of the NIAAA Alcohol Research Center program is to provide leadership in conducting and fostering interdisciplinary, collaborative research on a wide variety of topics relevant to the Institutes mission. These topics include, but are not limited to: the nature, etiology, genetics, diagnosis, treatment, and prevention of alcohol use disorders and their biomedical, psychosocial, and economic consequences across the lifespan. Centers also are regional or national resources that contribute to the development of new research methods, technologies and approaches that sustain innovative goal-directed research. This FOA will utilize the P50 grant mechanism and runs in parallel with two related FOAs:

1. Resource Core Alcohol Research Centers (P30) (RFA-AA-10-002), and
2. Comprehensive Alcohol Research Centers (P60) (RFA-AA-10-004)

NIAAA intends to commit approximately \$4-6 million in FY2011 to fund two to three new and/or renewal Center applications in response to this FOA.

Link to Full Announcement:

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AA-10-003.html>

Opportunity #4

Comprehensive Alcohol Research Centers (P60) DHHS – NIH RFA-AA-10-004

Description: The National Institute on Alcohol Abuse and Alcoholism (NIAAA) invites applications for Comprehensive Alcohol Research Centers using the P60 mechanism. The overall purpose of the NIAAA Alcohol Research Center program is to provide leadership in conducting and fostering interdisciplinary, collaborative research on a wide variety of topics relevant to the Institutes mission. These topics include, but are not limited to: the nature, etiology, genetics, diagnosis, treatment, and prevention of alcohol use disorders and their biomedical, psychosocial, and economic consequences across the lifespan. Centers also are regional or national resources that contribute to the development of new research methods, technologies and approaches that sustain innovative goal-directed research. This FOA will utilize the P60 grant mechanism and runs in parallel with two related FOAs:

1. Resource Core Alcohol Research Centers (P30) (RFA-AA-10-002), and
2. Specialized Alcohol Research Centers (P50) (RFA-AA-10-003)

NIAAA intends to commit approximately \$2-4 million in FY2011 to fund two to three new and/or renewal Center applications in response to this FOA.

Link to Full Announcement:

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AA-10-004.html>

Opportunity #5

Enterics Research Investigational Network Cooperative Research Centers (U19) DHHS – NIH RFA-AI-09-023

Description: The National Institute of Allergy and Infectious Diseases (NIAID), National Institutes of Health, invites applications from single institutions and consortia of institutions to participate in the Funding Opportunity Announcement (FOA) Enterics Research Investigational Network (ERIN) Cooperative Research Centers (CRCs). The purpose of this FOA is to establish the ERIN CRCs, a coordinated enterics research program designed to bridge the gaps between basic, translational, and clinical research on enteric disease agents, including toxins. The Network is designed to be a multi-center effort with collaborative relationships between ERIN CRC investigators and NIAID Program staff. This FOA will utilize the multi-project Cooperative Agreement (U19) grant mechanism. The NIAID intends to commit \$5.4M in total costs in fiscal year 2010 to fund 3-5 new awards in response to this FOA.

Link to Full Announcement:

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-09-023.html>

Opportunity #6

Cancer Intervention and Surveillance Modeling Network (CISNET) (U01) DHHS – NIH RFA-CA-09-025

Description: Through this funding opportunity announcement (FOA), the National Cancer Institute (NCI) solicits applications for the Cancer Intervention and Surveillance Modeling Network (CISNET). The goal of CISNET is to use simulation and other modeling techniques

- (a) to understand the impact of cancer control interventions (i.e., screening, treatment, prevention) on national trends in cancer rates, and
- (b) to inform national/regional/local decisions on the most efficient utilization of existing and emerging technologies and strategies for the control of cancer.

This FOA expands CISNET efforts focused on four cancer sites (prostate, lung, colorectal, breast) and will also cover two additional sites (cervical and esophageal cancer). Expansion into new areas of modeling (identified in the FOA) is also encouraged. This FOA will support collaborative, interactive projects involving groups of researchers that would put forward a program of comparative modeling, as well as to allow coverage across the important cancer control issues and relevant specific focus areas for the selected organ site. Investigators may propose the application, extension, and/or merging of existing models. However, de novo model development will NOT be supported. Because of the requirement of conducting cross-model comparisons (i.e. comparative modeling) and coverage of a broad range of cancer control issues, it is expected that each award will support between approximately 2 and 5 modeling groups working together. This FOA is an open competition for all qualified investigators, irrespective of their previous involvement in the CISNET program. This FOA will utilize the NIH U01 cooperative agreement mechanism.

Link to Full Announcement:

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-09-025.html>

Opportunity #7

Convener of Active Medical Product Surveillance Discussions (U13) DHHS – NIH RFA-FD-09-012

Description: This FOA, issued by the Office of Critical Path Programs (OCPP), Office of the Commissioner, Food and Drug Administration, solicits grant applications from neutral, independent institutions and/or organizations that propose methods for convening a broad range of stakeholders, to include those with relevant expertise, and that would support conferences and meetings to explore and address methodological, data development, technical, and communication issues related to active medical product surveillance and that would synthesize, summarize, and communicate findings from these conferences and meetings to a broad range of organizations and individuals that have the capability to use the information to further develop and create active medical product surveillance methods and systems.

Link to Full Announcement:

<http://www07.grants.gov/search/announce.do;jsessionid=ZPGqKGQG7TM6nLcbnLBb226LVLrIQ0NWJK1L2R1q1pGqZMHXdLR0!1215949849>

Opportunity #8**Mentored Career Award for Faculty at Minority Serving Institutions (K01)****DHHS – NIH****RFA-HL-10-011**

Description: This FOA issued by the National Heart, Lung, and Blood Institute (NHLBI), National Institutes of Health (NIH), solicits applications from eligible faculty members holding doctoral degrees, such as the Ph.D., M.D., D.O., D.V.M., or an equivalent degree, to undertake special study and supervised research under a mentor who is an accomplished investigator in the research area proposed and has experience in developing independent investigators. This FOA is a three-to-five-year non-renewable career development award to support faculty at a minority serving institution. The candidates are faculty members at a minority serving institution, must have research experience (length of time may vary), and be committed to developing into independent biomedical investigators in research areas relevant to the mission of the NHLBI (i.e., cardiovascular, pulmonary, hematologic, or sleep disorders research). This FOA will utilize the K01 grant mechanism and is a continuation of the program named “Mentored Career Award for Faculty at Minority Institutions, (K01)” ([RFA-HL-08-014](#)). The estimated annual funds (total costs) available for the program are expected to be approximately \$300,000. The actual amount may vary annually, depending on the response to the FOA and availability of funds. Two to three new awards per year are anticipated. The total project period for an application submitted in response to this FOA must be at least three but not more than five years. Direct costs are limited to a maximum salary for recipients of \$75,000 per year plus commensurate fringe benefits for full-time professional effort (i.e., 75% to 100%) (equivalent to 9 to 12 person months); research and development costs at a maximum of \$36,000 per year; and a limited level of support (up to \$6,000 per year) may be awarded if the mentor hosts the candidate supported by this program in their laboratories. PHS 398 Career Development Award Supplemental Form Component Sections: Items 2-5 (Candidate Information) and 10-13 (Research Plan) are limited to a total of 25 pages. Only one PD/PI may be designated on the application. Each applicant may submit one application. However, more than one candidate from each minority serving institution may apply. Resubmission applications are not permitted in response to this FOA. Renewal applications are not permitted in response to this FOA.

Link to Full Announcement:<http://grants1.nih.gov/grants/guide/rfa-files/RFA-HL-10-011.html>**Opportunity #9****Mentored Career Development Award to Promote Faculty Diversity/Re-Entry in Biomedical Research (K01)****DHHS – NIH****RFA-HL-10-012**

Description: This FOA issued by the National Heart, Lung, and Blood Institute (NHLBI), National Institutes of Health (NIH), solicits applications to increase the number of highly trained investigators, from diverse backgrounds or who have experienced an interruption in their research careers, whose basic and clinical research interests are grounded in the advanced methods and experimental approaches needed to solve problems related to cardiovascular, pulmonary, hematologic, and sleep disorders in the general and health disparities populations. This FOA is a three-to-five-year award to support faculty members who are currently underrepresented on faculty at academic institutions in health-related research on a national or institutional basis, such as individuals from underrepresented racial and ethnic groups, individuals with disabilities, individuals from disadvantaged backgrounds or individuals who have experienced an interruption in their research careers. This FOA will utilize the K01 grant mechanism and is a continuation and expansion of the program named Mentored Career Development Award to Promote Faculty Diversity/Re-Entry in Biomedical Research (K01) ([RFA-HL-08-015](#)). The estimated annual funds (total costs) available for the entire program are expected to be approximately \$1.2 million. The actual amount may vary, depending on the response to the FOA and availability of funds. Eight to ten new awards are anticipated.

Link to Full Announcement:<http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-10-012.html>

Opportunity #10**Minority Institutional Research Training Program (T32)
DHHS – NIH
RFA-HL-10-014**

Description: The NHLBI's Minority Institutional Research Training Program is a Ruth L. Kirschstein National Research Service Award Program intended to support training of predoctoral and health professional students and individuals in postdoctoral training at minority serving institutions having the potential to develop meritorious training programs in cardiovascular, pulmonary, hematologic, and sleep disorders. Predoctoral and health professional students and individuals in postdoctoral training in minority serving institutions need further opportunities to develop biomedical and behavioral research skills. The NHLBI Minority Institutional Research Training Program is designed to attract students in their developmental stages; to increase their awareness of cardiovascular, pulmonary, hematologic, and sleep disorders research; and to encourage them to pursue research career opportunities in these areas. Trainee appointments will be determined by the institution and carried out in a manner that will include the recruitment of individuals from diverse backgrounds. Accordingly the NIH continues to encourage institutions to diversify their student and faculty populations and thus to increase the participation of individuals currently underrepresented in the biomedical, clinical, behavioral, and social sciences such as: individuals from underrepresented racial and ethnic groups, individuals with disabilities, and individuals from socially, culturally, economically, or educationally disadvantaged backgrounds that have inhibited their ability to pursue a career in health-related research. Institutions are encouraged to identify candidates who will increase diversity on a national or institutional basis. This FOA will utilize the National Institutes of Health (NIH) Ruth Kirschstein Institutional National Research Service Award (NRSA) grant mechanism (T32) and is a reissue of RFA-HL-08-017, which was previously released on June 12, 2008. The estimated annual funds (total costs) available for the program are expected to be approximately \$250,000. The actual amount may vary, depending on the response to the FOA and availability of funds. Two new awards per year are anticipated.

Link to Full Announcement:

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-10-014.html>