Research Announcements for the Week Ending March 27, 2015
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SPH Internal Competition
APPLICATION DEADLINE: May 29, 2015 (5:00pm CST)
SPRING SPH Seed Funding Competition
http://publichealth.uic.edu/research/seedfundingcompetition/

ELIGIBILITY: Awards are available to faculty and other researchers with more than 50% effort in the current academic year (teaching, clinical, and research) dedicated to the School of Public Health. GOALS: Awards will be judged according to their likelihood of leading to external (e.g. NIH) funding. Priority will be given to projects proposed by junior investigators. TYPES OF PROJECTS: Applications in all areas will be accepted, but investigators must indicate the project’s relationship to the SPH’s strategic initiatives. Resubmission applications will be accepted. AVAILABLE FUNDING: We anticipate a total of up to $60,000 in available funds. There is no maximum allowable per application, but investigators are encouraged to consider the program’s goal to award as many applications as possible. Matching funds or tangible support from relevant Division(s) is strongly encouraged.

1. Alzheimer’s Disease
2. Cancer (DOD-4)
3. Chemical and Radiologic Exposure
4. Diabetes and Obesity
5. HIV/AIDS (2)
6. Pediatric Asthma (2)
7. Pollution
8. Research Education (Global Health, Cancer) (4)
9. Substance Use
10. Tobacco and Health

1. Alzheimer’s Disease

Date Due: April 20, 2015
Public Health & Alzheimer’s Disease Graduate Scholarships

Graduate students in public health schools or programs are invited to apply for a $1,000 scholarship from the Alzheimer’s Association. The Association is making up to five scholarships available to support projects toward a master’s thesis or doctoral dissertation on a topic related to cognitive health, cognitive decline, and/or Alzheimer’s disease and other dementias as a public health issue.

2. Cancer (DOD -4)

Date Due: Aug 12, 2015
Ovarian Cancer Academy - Early-Career Investigator Award (W81XWH-15-OCR-P-OCAS DoD)
Sponsor: Department of Defense Dept. of the Army -- USAMRAA
http://www.grants.gov/view-opportunity.html?oppId=275332

The OCRP Ovarian Cancer Academy, which was initially created in FY09, is intended to be a unique, interactive virtual academy providing intensive mentoring, national networking, and a peer group for junior faculty. The overarching goal of the Ovarian Cancer Academy is to develop successful, highly productive ovarian cancer researchers in a collaborative research training environment. The Ovarian Cancer Academy is a virtual career development and research training platform that currently consists of 11 Early-Career Investigator/Designated Mentor pairs from different institutions and 1 Academy Dean; 3 additional Early-Career Investigator/Designated Mentor pairs and the new Academy Leadership (Dean and Assistant Dean) are pending awards. In addition, three to four Early-Career Investigators are expected to
graduate from the Academy in the summer of 2015, but may remain associated with the Academy via the FY14 Ovarian Cancer Academy Collaborative Award. Information about the Academy is available in the FY12, FY13, and FY14 Ovarian Cancer Program Booklets at http://cdmrp.army.mil/ocrp/pbks/pbks.shtml. The Academy Leadership serves as a resource for the Early-Career Investigators and Mentors, assessing the progress of the Early-Career Investigators, and facilitating communication and collaboration among all of the Early-Career Investigators and Mentors, as well as with national research and advocacy communities.

Date Due: Aug. 5, 2015

**Ovarian Cancer Clinical Translational Award** (W81XWH-15-OCR-P-CTA DoD)
Department of Defense Dept. of the Army – USAMRAA

The intent of the OCRP Clinical Translational Award mechanism is to support translational research addressing high-impact ideas or unmet needs in ovarian cancer. This award supports preclinical and clinical research studies. Clinical trials are not supported by this award mechanism. Although not intended to fund clinical trials, the Clinical Translational Award can also be used to support research projects related to or associated with ongoing or completed clinical trials supported by other funding sources. Preliminary data are required.

Date Due: Aug. 12, 2015

**Ovarian Cancer Investigator-Initiated Research Award** (W81XWH-15-OCR-IRA DoD)
Sponsor: Department of Defense Dept. of the Army – USAMRAA

The OCRP Investigator-Initiated Research Award is intended to support meritorious basic and clinically oriented research in ovarian cancer; clinical trials will not be supported by this award mechanism. Research projects may focus on any phase of research from basic laboratory research through translational research. The rationale for a research idea may be derived from a laboratory discovery, population-based studies, a clinician’s first-hand knowledge of patients, or anecdotal data. The application must demonstrate logical reasoning and a sound scientific rationale established through a critical review and analysis of the literature for the application to be competitive. Applications must include preliminary data that are relevant to ovarian cancer and support the proposed research project.

Date Due: Aug. 5, 2015

**Ovarian Cancer Pilot Award** (W81XWH-15-OCR-PA DoD)
Sponsor: Department of Defense Dept. of the Army – USAMRAA

The OCRP Pilot Award supports conceptually innovative, high-risk/high-reward research that could ultimately lead to critical discoveries or major advancements that will drive the field of ovarian cancer research forward. The proposed research must demonstrate a clear focus on ovarian cancer (e.g., using tissues, cell lines, datasets, or appropriate animal models, etc.). The proposed research should include a testable hypothesis based on strong scientific rationale and serve as a catalyst to expand or modify current thinking about and/or approaches in ovarian cancer. Preliminary data are not required, but are allowed, since the goal of this award is to generate preliminary data. The strength of the application should be based on sound scientific rationale and logical reasoning. Clinical trials will not be supported by this award mechanism.

3. Chemical and Radiologic Exposure

Date Due: May 29, 2015

**National Public Health Surveillance for Chemical and Radiologic Exposures** (CDC-RFA-EH15-1506)
Sponsor: Centers for Disease Control and Prevention

CDC intends to issue a sole source FOA to the American Association of Poison Control Centers (AAPCC) in Washington, DC to regularly receive, review, and utilize national chemical and poison exposures data to 1) improve public health surveillance for chemical and poison exposures and associated illnesses, 2) identify early markers of chemical events
with the objective of providing rapid and appropriate public health response, and 3) find potential cases and enhance situational awareness during a known event. NCEH/EHHE/HSB conducts surveillance for chemical exposures and provides situation awareness on a regional (i.e., multi-state) and national level.

4. Diabetes and Obesity

Date Due: July 1, 2015; November 2, 2015; March 1, 2016; July 1, 2016; and November 1, 2016, Pragmatic Research in Healthcare Settings to Improve Diabetes and Obesity Prevention and Care (R18)
Sponsor: NIDDK

Companion Grant: Planning Grants for Pragmatic Research in Healthcare Settings to Improve Diabetes and Obesity Prevention and Care (R34)

The purpose of this Research Demonstration and Dissemination Projects (R18) Funding Opportunity Announcement (FOA) is to encourage research applications to test approaches to improve diabetes and obesity prevention and/or treatment in routine healthcare settings. Research applications should be designed to test practical and potentially sustainable strategies to improve processes of care and health outcomes for individuals who are overweight or obese or at risk for becoming overweight or obese and/or at risk for or have type 1 or type 2 diabetes. The goal of the research is to obtain results that will improve routine healthcare practice and inform healthcare policy for the prevention or management of these conditions.

5. HIV/AIDS (2)

Date Due: May 26, 2015

Minority Serving Institutions (MSIs) Partnerships with Community-Based Organizations (CBOs) (SP-15-004)
Sponsor: Substance Abuse & Mental Health Services Adminis.
http://www.grants.gov/view-opportunity.html?oppId=275467

The purpose of this program is to prevent and reduce substance abuse (SA) and transmission of HIV/AIDS among at-risk populations, including African American, Hispanic/Latino, Asian American/Pacific Islander (AA/PI), and American Indian/Alaska Natives (AI/AN) young adult (ages 18-24) populations. To meet the needs of these populations, CSAP expects MSIs to partner with one or more community-based organization(s) (CBO) to provide integrated substance abuse (SA), Hepatitis-C (HCV), and HIV prevention programs. The objectives of this program support the four primary goals of the National HIV/AIDS Strategy which include: 1) reducing new HIV infections, 2) increasing access to care and improving health outcomes for people living with HIV, 3) reducing HIV-related disparities and health inequities, and 4) achieving a coordinated national response to the HIV epidemic.

Date Due: LOI due July 19, 2015; Application due: August 19, 2015

Methodologies to Enhance Understanding of HIV-Associated Social Determinants (R01) (RFA-MH-16-200)
Sponsor: National Institute of Mental Health (NIMH)
National Institute of Allergy and Infectious Diseases (NIAID)

Exploratory/Developmental Grant (Companion Grant: RFA-MH-16-205, R21)

This Funding Opportunity Announcement (FOA) invites applications that propose to understand social determinants of health as they relate to HIV infection and disease outcomes.

6. Pediatric Asthma (2)

Date Due: LOI due: May 1, 2015; Application due: June 1, 2015,
Asthma (U54)
Sponsor: National Institute of Biomedical Imaging and Bioengineering (NIBIB)

The purpose of this Funding Opportunity Announcement (FOA) is to encourage U54 Cooperative Agreement applications for the development of enabling informatics platforms that will be designed for data acquisition from environmental, physiological, and behavior sensors that will be developed in RFA-EB-15-002 and for data integration, processing, visualization, and secure uploading of individual platform results to a data and software coordination and integration Center that will be developed in RFA-EB-15-004. The three RFAs together (RFA-EB-15-002, RFA-EB-15-003, RFA-EB-15-004) will make up the Pediatric Research using Integrated Sensor Monitoring Systems (PRISMS) Program. The central mission of the PRISMS Program is to develop sensor-based integrated health monitoring systems to serve as research tools to measure pediatric environmental, physiological, and behavioral factors in epidemiological studies of asthma, and eventually other chronic diseases, in the pediatric population. The three arms to the PRISMS Program will work very closely together to ensure functionality of the overall systems. - See more at: http://grants.nih.gov/grants/guide/rfa-files/RFA-EB-15-003.html#sthash.aTesW4qj.dpuf

Date Due: LOI due: May 1, 2015; Application due: June 1, 2015,

Pediatric Research using Integrated Sensor Monitoring Systems (PRISMS): Data and Software Coordination and Integration Center (DSCIC) (U24)
Sponsor: National Institute of Biomedical Imaging and Bioengineering (NIBIB)

The purpose of this Funding Opportunity Announcement (FOA) is to encourage U24 applications for the development of a data and software coordination and integration center (DSCIC) that will coordinate and integrate outputs from the Informatics Technology Platform Centers (supported under RFA-EB-15-003) of the Pediatric Research using Integrated Sensor Monitoring Systems (PRISMS) Program, which also includes an initiative to fund development of sensors for pediatric asthma populations (supported under RFA-EB-15-002). The three FOAs together (RFA-EB-15-002, RFA-EB-15-003, RFA-EB-15-004) will make up the PRISMS Program. The central mission of the PRISMS Program is to develop sensor-based integrated health monitoring systems to serve as research tools to measure pediatric environmental, physiological, and behavioral factors in epidemiological studies of asthma, and eventually other chronic diseases, in the pediatric population. The three arms to the PRISMS Program will work very closely together to ensure functionality of the overall systems.

7. Pollution

Date Due: May 22, 2015

Fiscal Year 2015 Pollution Prevention Information Network (PPIN) Grant Program (EPA-HQ-OPPT-2015-001)
Sponsor: Environmental Protection Agency
http://www.epa.gov/p2/pubs/grants/index.htm

This RFP seeks cost effective proposals from eligible applicants to support national pollution prevention (P2) information needs. In this RFP the Agency is directing P2 information center activities toward three national P2 emphasis areas to more effectively achieve measurable results and demonstrable impact in these targeted areas. Work in the national P2 emphasis areas (NEA) should support the P2 technical assistance work of state programs in promoting use of source reduction techniques by businesses. Applicants will collaborate with other grantees as part of their work in the national P2 information network. Applicants must propose work in one or more of the national P2 emphasis areas and must propose work that addresses one or more regional priorities.

8. Research Education (Global Health, Cancer) 4

Deadline(s): LOI: 06/24/2015; Date Due: 07/24/2015

Limited Competition: Training Programs for Critical HIV Research Infrastructure for Low- and Middle-Income Country Institutions (G11)
Sponsor: Fogarty International Center/NIH/DHHS
Fogarty International Center (FIC) and National Institute of Mental Health (NIMH) invite U.S. institutions with research collaborations at low-and middle-income country (LMIC) institutions to submit applications for training programs to strengthen the leadership and expertise in selected critical research infrastructure areas at their collaborating LMIC institutions. This FOA will utilize the NIH G11- Extramural Associate Research Development Award (EARDA) mechanism.

Date Due: Standard dates apply, by 5:00 PM local time of applicant organization

**Cancer Research Education Grants Program - Curriculum or Methods Development (R25)**
Sponsor: NCI

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NCI R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation’s biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Curriculum or Methods Development. Applications are encouraged that propose innovative, state-of-the-art programs that address the cause, diagnosis, prevention, and treatment of cancer, rehabilitation from cancer, and the continuing care of cancer patients and the families of cancer patients. - See more at: http://grants.nih.gov/grants/guide/pa-15-150.html#sthash.hNOOnhGd.dpuf

Date Due: Standard dates apply, by 5:00 PM local time of applicant organization

**Cancer Research Education Grants Program - Courses for Skills Development (R25)**
Sponsor: NCI

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NCI R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation’s biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Courses for Skills Development. Applications are encouraged that propose innovative, state-of-the-art programs that address the cause, diagnosis, prevention, and treatment of cancer, rehabilitation from cancer, and the continuing care of cancer patients and the families of cancer patients, in accordance with the overall mission of the NCI. - See more at: http://grants.nih.gov/grants/guide/pa-15-151.html#sthash.03sHYV39.dpuf

Date Due: Standard dates apply, by 5:00 PM local time of applicant organization

**Cancer Research Education Grants Program - Research Experiences (R25)**

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NCI R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation’s biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Research Experiences. Applications are encouraged that propose innovative, state-of-the-art programs that address the cause, diagnosis, prevention, and treatment of cancer, rehabilitation from cancer, and the continuing care of cancer patients and the families of cancer patients, in accordance with the overall mission of the NCI.

9. Substance Use

**DEADLINE NOTE**
Applications may be submitted to Grants.gov in response to this announcement on or after January 16, 2015. The deadlines for receipt of standard applications under this announcement are: February 16, June 16, and October 16.
annually. The deadlines for receipt of AIDS-related applications are: January 7, May 7, and September 7 annually. This program will expire on January 8, 2018.

**Research Aimed at Novel Behavioral Targets to Improve Adolescent Substance Abuse Treatment and Prevention Interventions (R34)**
Sponsor: National Institute on Drug Abuse/NIH/DHHS Program Number: 44654

**Companion FOA: Research Aimed at Novel Behavioral Targets to Improve Adolescent Substance Abuse Treatment and Prevention Interventions (R01)**

National Institute on Drug Abuse (NIDA), National Institute on Alcohol Abuse and Alcoholism (NIAAA) and National Cancer Institute (NCI) invite applications for research to inform the generation and refinement of novel targets for substance abuse treatment and prevention interventions, modules or adjuncts to existing treatments and prevention interventions that seek to target and modulate behavioral or neurobehavioral processes (e.g., impulsivity, risk-taking propensity, sensation and novelty seeking, distress tolerance, delay discounting, self-regulation, stress reactivity) in adolescents. Additionally, this FOA will encourage studies to include theoretical links that explore the relationship(s) between neural circuitry and treatment and prevention effects, and in particular, how behavioral targets might be affected by treatment and prevention interventions, and how that might be used to improve targeted treatment and prevention intervention development, that translate to reduced morbidity and mortality. This FOA will use the NIH Research Project (R01) award mechanism.

10. Tobacco and Health

Date Due: The RFP will be released on or about March 30, 2015, and proposals will be due approximately 45 days thereafter

**Request for Proposals (RFP) Notice: Population Assessment of Tobacco and Health (PATH) Study**
Sponsor: NIDA

The National Institute on Drug Abuse (NIDA), in partnership with the Center for Tobacco Products (CTP) of the Food and Drug Administration (FDA) (collectively, the Government), plans to solicit proposals under full and open competition procedures from qualified organizations having the knowledge, expertise, experience, and capability to continue collection of behavioral data and biospecimens among new participants, aged-up participants, and continuing participants in a national longitudinal study.