NOTICES

Week of November 10, 2014

- Notice of Intent to Publish a Funding Opportunity Announcement for Oncology Co-Clinical Imaging Research Resources (U24)
  [NOT-CA-15-001]
  National Cancer Institute

- Notice of Change in Next Application Due Date for PAR-14-035 "Centers of Biomedical Research Excellence (COBRE) (P20)"
  [NOT-GM-14-133]
  National Institute of General Medical Sciences

- Notice of Change in Next Application Due Date for PAR-14-303 "Institutional Development Award (IDeA) Program Infrastructure for Clinical and Translational Research (IDeA-CTR)(U54)"
  [NOT-GM-14-134]
  National Institute of General Medical Sciences

- AHRQ Notice of Intent to Publish a Request for Applications to Disseminate Patient-Centered Outcomes Research (PCOR) through Clinical Decision Support (U19)
  [NOT-HS-15-002]
  Agency for Healthcare Research and Quality

- Notice of Intent to Publish a Funding Opportunity Announcement for Centers for the Genomics of Common Disease (UM1)
  [NOT-HG-15-005]
  National Human Genome Research Institute

- Notice of Intent to Publish a Funding Opportunity Announcement for Centers for Mendelian Genomics (UM1)
  [NOT-HG-15-006]
  National Human Genome Research Institute

- Notice of Corrections to RFA-TR-14-009 "Clinical and Translational Science Award (U54)"
  [NOT-TR-14-013]
  National Center for Advancing Translational Sciences

- Notice of Clarification of 4-Year Limit of Postdoctoral Research Eligibility for K99 Applicants for PA-14-042 NIH Pathway to Independence Award (Parent K99/R00)
  [NOT-OD-15-013]
  Office of the Director, NIH

- Notice of Revised NIH Definition of Clinical Trial
  [NOT-OD-15-015]
  National Institutes of Health

- Notice of Participation of NIMHD in PA-13-119 "Mechanisms, Models, Measurement, & Management in Pain Research (R21)"
  [NOT-MD-14-008]
  National Institute on Minority Health and Health Disparities

REQUESTS FOR APPLICATIONS

- **TITLE:** The Early Detection Research Network: Biomarker Developmental Laboratories (U01)
  [RFA-CA-14-014]
  **SPONSOR:** National Cancer Institute
  **Synopsis:** The purpose of this Funding Opportunity Announcement (FOA) is to solicit applications for Biomarker Developmental Laboratories (BDLs), one of the four scientific units of the Early Detection Research Network (EDRN). The EDRN is a national infrastructure funded to discover, develop, and validate biomarkers for risk assessment, detection, and molecular diagnosis and prognosis of early cancer. The proposed BDLs will be responsible for the discovery, development, characterization, and testing of new, or the refinement of existing, biomarkers and biomarker assays for risk assessment, detection, and molecular diagnosis and prognosis of early cancer.
  Application Receipt Date(s): January 06, 2015

- **TITLE:** The Early Detection Research Network: Clinical Validation Centers (U01)
  [RFA-CA-14-015]
  **SPONSOR:** National Cancer Institute
  **Synopsis:** The purpose of this Funding Opportunity Announcement (FOA) is to solicit applications for Clinical Validation Centers (CVCs), one of the four scientific units of the Early Detection Research Network (EDRN). The EDRN is a national infrastructure funded to discover, develop, and validate biomarkers for risk assessment, detection, and molecular diagnosis and prognosis of early cancer. The proposed CVCs will be responsible for clinical research on the validation of biomarkers. CVCs will also serve as clinical resource centers for the EDRN by participating in collaborative biomarker validation studies and collaborating with the other scientific units of the EDRN.
  Application Receipt Date(s): January 06, 2015

- **TITLE:** The Early Detection Research Network: Biomarker Reference Laboratories (U24)
  [RFA-CA-14-016]
SPONSOR: National Cancer Institute

Synopsis: The purpose of this FOA is to solicit applications for Biomarker Reference Laboratories (BRLs). The proposed BRLs will serve as a Network resource for clinical and laboratory validation of biomarkers, including assay development and refinement. Prior affiliation with the EDRN is not required and all qualified investigators are invited to apply.
Application Receipt Date(s): January 06, 2015

TITLE: The Early Detection Research Network: Data Management and Coordinating Center (U24) [RFA-CA-14-017]
SPONSOR: National Cancer Institute, National Institute of Environmental Health Sciences
Synopsis: The purpose of this Funding Opportunity Announcement (FOA) is to solicit applications for a Data Management and Coordinating Center (DMCC), one of the four scientific units of the Early Detection Research Network (EDRN). The EDRN is a national infrastructure funded to discover, develop, and validate biomarkers for risk assessment, detection, and molecular diagnosis and prognosis of early cancer. The proposed DMCC will be responsible for the following activities: 1) Network Coordination, 2) Data Management and Study Protocol Development, 3) Validation Study Infrastructure and Services, and 4) EDRN Core Fund Management.
Application Receipt Date(s): January 06, 2015

TITLE: Coordinating Center for the Breast Cancer and the Environment Research Program (U01) [RFA-ES-14-011]
SPONSOR: National Cancer Institute, National Institute of Environmental Health Sciences
Synopsis: This funding opportunity will support a Coordinating Center, which together with a group of individual transdisciplinary projects investigating the influence of environmental exposures during specific time windows on breast cancer risk, will form the BCERP Consortium. The BCERP Coordinating Center will provide intellectual leadership as well as logistic support for the BCERP Consortium. A primary role of the BCERP Coordinating Center will be to identify opportunities for cross-BCERP collaborations and extend the transdisciplinary activities of the BCERP Consortium. The Coordinating Center will also assist in disseminating BCERP research findings and facilitating an internal evaluation of the Consortium.
Application Receipt Date(s): January 28, 2015

TITLE: Environmental Influences during Windows of Susceptibility in Breast Cancer Risk (U01) [RFA-ES-14-012]
SPONSOR: National Cancer Institute, National Institute of Environmental Health Sciences
Synopsis: This funding opportunity will support transdisciplinary research projects to investigate the influence of environmental exposures during specific time windows of susceptibility on breast cancer risk. Applicants must propose transdisciplinary research project that addresses one or more potential windows of susceptibility and facilitates the integration of experimental model and human studies to accelerate understanding of the contribution of environmental factors to breast cancer risk, the underlying mechanisms, and potential prevention strategies. Applications must also include community-academic partnerships with defined community engagement activities.
Application Receipt Date(s): January 28, 2015

TITLE: Open Educational Resources for Biomedical Big Data (R25) [RFA-HG-14-009]
SPONSOR: National Human Genome Research Institute, National Cancer Institute, National Eye Institute, National Heart, Lung, and Blood Institute, National Institute on Aging, National Institute on Alcohol Abuse and Alcoholism, National Institute of Allergy and Infectious Diseases, National Institute of Arthritis and Musculoskeletal and Skin Diseases, National Institute of Biomedical Imaging and Bioengineering, Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institute on Deafness and Other Communication Disorders, National Institute of Dental and Craniofacial Research, National Institute of Diabetes and Digestive and Kidney Diseases, National Institute on Drug Abuse, National Institute of Environmental Health Sciences, National Institute of General Medical Sciences, National Institute of Mental Health, National Institute of Neurological Disorders and Stroke, National Institute of Nursing Research, National Institute on Minority Health and Health Disparities, National Library of Medicine, National Center for Complementary and Alternative Medicine, Office of Behavioral and Social Sciences Research, Office of Strategic Coordination
Synopsis: The goal of this funding opportunity announcement (FOA) is to complement and/or enhance the training of a workforce to meet the nation’s biomedical, behavioral, and clinical research needs in utilizing ‘Big Data.’ To this end, this funding opportunity announcement encourages the development of creative educational activities with a primary focus on Curriculum or Methods Development. In particular, this Big Data to Knowledge (BD2K) FOA encourages R25 applications proposing the development of open educational resources (OER) for use by large numbers of learners at all career levels that enhance the ability of the workforce to use and analyze biomedical Big Data.

TITLE: Courses for Skills Development in Biomedical Big Data Science (R25) [RFA-HG-14-008]
**SPONSOR:** National Human Genome Research Institute, National Cancer Institute, National Eye Institute, National Heart, Lung, and Blood Institute, National Institute on Aging, National Institute on Alcohol Abuse and Alcoholism, National Institute of Allergy and Infectious Diseases, National Institute of Arthritis and Musculoskeletal and Skin Diseases, National Institute of Biomedical Imaging and Bioengineering, Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institute on Deafness and Other Communication Disorders, National Institute of Dental and Craniofacial Research, National Institute of Diabetes and Digestive and Kidney Diseases, National Institute on Drug Abuse, National Institute of Environmental Health Sciences, National Institute of General Medical Sciences, National Institute of Mental Health, National Institute of Neurological Disorders and Stroke, National Institute of Nursing Research, National Institute on Minority Health and Health Disparities, National Library of Medicine, National Center for Complementary and Alternative Medicine, Office of Behavioral and Social Sciences Research, Office of Strategic Coordination

**Synopsis:** The goal of this funding opportunity announcement (FOA) is to complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral, and clinical research needs. In particular, this FOA will enhance the training of biomedical researchers who want to acquire the skills necessary to utilize biomedical Big Data. This BD2K R25 FOA will support courses for Skills Development in topics necessary for the utilization of Big Data, including the computational and statistical sciences in a biomedical context. Courses will equip individuals with additional skills and knowledge to utilize biomedical Big Data.

**PROGRAM ANNOUNCEMENTS**

- **TITLE:** National Cancer Institute Program Project Applications (P01)  
  **SPONSOR:** National Cancer Institute  
  **Synopsis:** Proposed program projects may address any of the broad areas of cancer research, including (but not limited to) cancer biology, cancer prevention, cancer diagnosis, cancer treatment, and cancer control. Basic, translational, clinical, and/or population-based studies in all of these research areas are appropriate. Each Program Project application must consist of at least three projects. The projects must share a common central theme, focus, and/or overall objective  
  Application Receipt/Submission Date(s): Multiple dates, see announcement.

- **TITLE:** Collaborative Activities to Promote Metabolomics Research (Admin Supp)  
  **SPONSOR:** NIH Roadmap Initiatives, National Cancer Institute  
  **Synopsis:** This FOA supports supplemental funds to current NIH-funded research projects for new interactive collaborations between basic or clinical researchers and metabolomics experts to add a metabolomics approach to the existing Research Strategy for the project. In addition to enhancing the parent grant by adding metabolomics analyses, collaborative projects must include activities to increase the expertise of the biomedical research group in key aspects of metabolomics study design, analysis, and data interpretation. All applicants are strongly encouraged to discuss potential requests with the awarding IC and with the Common Fund Metabolomics Scientific/Research contact. Funds may be awarded as supplements to parent awards using the Activity Codes: P01, U19, DP2, DP3, DP5, UP5, R00, R01, R37, U01.  
  Application Receipt/Submission Date(s): Multiple dates, see announcement.

- **TITLE:** NIBIB Quantum Program: Technological Innovation to Solve a Major Medical or Public Health Challenge (U01)  
  **SPONSOR:** National Institute of Biomedical Imaging and Bioengineering  
  Application Receipt/Submission Date(s): Application Due Dates: January 26, 2015; January 26, 2016; January 26, 2017 AIDS Application Due Dates: May 7, 2015; May 7, 2016; May 7, 2017

- **TITLE:** Physical Sciences-Oncology Network (PS-ON): Physical Sciences-Oncology Projects (PS-OP) (U01)  
  **SPONSOR:** National Cancer Institute, National Institute of Biomedical Imaging and Bioengineering, Eunice Kennedy Shriver National Institute of Child Health and Human Development  
  **Synopsis:** The goal of the PS-OPs is to foster the convergence of physical sciences approaches and perspectives with cancer research to advance our understanding of cancer biology and oncology by forming small transdisciplinary teams of physical scientists and cancer biologists/physician scientists. The transdisciplinary nature of the Projects will require the formation of small collaborative research teams around a physical sciences-based framework to address fundamental questions in cancer research. The PS-OPs will develop and test physical sciences-based experimental and theoretical concepts that complement and advance our current understanding of cancer. The PS-OPs, individually and along with other PS-OPs and the Physical Sciences-Oncology Centers (PS-OC), will form the Physical Sciences-Oncology Network (PS-ON). The Physical Sciences-Oncology initiative is expected to further develop emerging fields of study in cancer that are based on physical sciences principles and approaches.
**TITLE: NCI Mentored Clinical Scientist Research Career Development Award to Promote Diversity (K08)**  
(PAR-12-051)  
**SPONSOR:** National Cancer Institute  
**Synopsis:** The primary purpose of the NCI Mentored Clinical Scientist Research Career Development Awards (K08) program is to prepare individuals for careers that have a significant impact on the health-related research needs of the Nation. This program represents the continuation of a long-standing NIH program that provides support and protected time to individuals with a clinical doctoral degree for an intensive, supervised research career development experience in the fields of biomedical and behavioral research, including translational research. This NCI-sponsored K08 award is specifically designed to promote career development of clinical scientists from diverse backgrounds that have been shown to be underrepresented in health-related science and for those who are committed to a career in basic biomedical, behavioral or translational cancer research, including research on cancer health disparities.

**TITLE: International Research Ethics Education and Curriculum Development Award (R25)**  
(PAR-13-027)  
**SPONSOR:** Fogarty International Center, National Cancer Institute, National Human Genome Research Institute, National Institute of Allergy and Infectious Diseases, Eunice Kennedy Shriver National Institute of Child Health and Human Development.  
**Synopsis:** The goal of this initiative is strengthen research ethics capacity in low- and middle-income countries (LMICs) through increasing the number of scientists, health professionals and relevant academics from these countries with in-depth knowledge of the ethical principles, processes and policies related to international clinical and public health research as well as the critical skills to develop research ethics education, ethical review leadership and expert consultation to researchers, their institutions, governments and international research organizations.

**TITLE: Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grant (Parent T32)**  
(PA-14-015)  
**SPONSOR:** National Cancer Institute, National Eye Institute, National Human Genome Research Institute, National Heart, Lung, and Blood Institute, National Institute on Aging, National Institute on Alcohol Abuse and Alcoholism, National Institute of Allergy and Infectious Diseases, National Institute of Arthritis and Musculoskeletal and Skin Diseases, National Institute of Biomedical Imaging and Bioengineering, Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institute on Deafness and Other Communication Disorders, National Institute of Diabetes and Digestive and Kidney Diseases, National Institute on Drug Abuse, National Institute of Environmental Health Sciences, National Institute of General Medical Sciences, National Institute of Mental Health, National Institute of Neurological Disorders and Stroke, National Institute of Nursing Research, National Center for Complementary and Alternative Medicine, Division of Program Coordination, Planning and Strategic Initiatives, Office of Research Infrastructure Programs, Office of Dietary Supplements.  
**Synopsis:** The National Institutes of Health (NIH) will award Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants (T32) to eligible, domestic institutions to enhance predoctoral and postdoctoral research training, including short-term research training, and help ensure that a diverse and highly trained workforce is available to meet the needs of the Nation’s biomedical, behavioral, and clinical research agenda. Research training programs will incorporate didactic, research, and career development components to prepare individuals for careers that will have a significant impact on the health-related research needs of the Nation. Programs proposing only short-term research training should not apply to this announcement, but rather to the Kirschstein-NRSA Short-Term Institutional Research Training Grant Program (T35) exclusively reserved for predoctoral, short-term research training.

**TITLE: Advancing Interventions to Improve Medication Adherence (R21)**  
(PA-14-335)  
**SPONSOR:** National Cancer Institute Office of Behavioral and Social Sciences Research, National Eye Institute, National Heart, Lung, and Blood Institute, National Institute on Alcohol Abuse and Alcoholism, National Institute on Deafness and Other Communication Disorders, National Institute of Mental Health, National Institute of Nursing Research  
**Synopsis:** This FOA encourages Exploratory/Developmental Research Project Grant (R21) applications for research and development of interventions to significantly improve medication adherence in individuals. Applications may target medication adherence in the context of treatment for a single illness or chronic condition (e.g., hypertension), to stave off a disease recurrence (e.g., cancer) or for multiple comorbid conditions (e.g., hypertension, diabetes, alcohol use disorders and HIV/AIDS). A well-articulated theoretical or conceptual framework is key for applications encouraged under this announcement.
Administrative Supplements to NIH Awards for Validation Studies of Analytical Methods for Natural Products (Admin Supp) (PA-13-381)

SPONSOR: Office of Dietary Supplements, National Cancer Institute, National Institute on Aging, National Institute of Diabetes and Digestive and Kidney Diseases

Synopsis: This Funding Opportunity Announcement (FOA) announces an administrative supplement program to provide funds to NCI- and NIDDK-supported research projects for validation studies of new analytical chemistry methods. These methods must have been developed or be under development by the awardees during the active parent grant. They must be methods used to identify and quantify constituents (bioactive and other chemical marker constituents and/or their metabolites, adulterants, or contaminants) in products intended for oral administration in humans or in biological specimens such as urine, plasma, or animal tissues. As test agents the products studied may be investigated in vitro or in vivo. The products under investigation in parent grants may be dietary supplements (including vitamins or other bioactive compounds), foods, and other orally administered natural products or their raw source materials.

NCI Established Investigator Award in Cancer Prevention and Control (K05) (PAR-12-065)

SPONSOR: National Cancer Institute

Synopsis: The objective of the NCI Established Investigator Award in Cancer Prevention and Control (K05) is to provide salary support for a sustained period of “protected time” (3-5 years) to senior scientists to focus on their research and on mentoring junior investigators. Candidates for the K05 should be recognized leaders in their respective research fields who have demonstrated a sustained, high level of productivity and a distinguished record of original contributions in their field, and whose expertise and contributions to these research fields will continue to be critical to the mission of the NIH. Candidates should have active, cancer-focused research programs in cancer prevention, cancer control, or the behavioral or population sciences. For the purpose of the K05 award, cancer control research is defined as “basic and applied research in the behavioral sciences that independently or in combination with biomedical approaches reduces cancer risk, incidence, morbidity, and mortality across the lifespan and over the entire process of carcinogenesis from primary behavioral prevention in youth, to screening, treatment, and survivorship”

OTHER FUNDING OPPORTUNITIES

Major Research Instrumentation Program (MRI)
National Science Foundation (NSF)

Landon Foundation-AACR INNOVATOR Award for Cancer Prevention Research
http://www.aacr.org/Funding/Pages/Funding-Detail.aspx?ItemID=27#.VGNfQflzRv8
American Association for Cancer Research (AACR)

IASLC Lung Cancer Fellowship and Young Investigators Awards
https://www.iaslc.org/fellowship/announcement
International Association for the Study of Lung Cancer (IASLC)

Breast Cancer Patient Navigation Programs: Navigation Following Abnormal Findings Program Announcement
Komen for the Cure, Susan G.

Clinical Investigator Award
http://www.surgonc.org/grants-and-trials/research-grants/clinical-investigator-awards
Society of Surgical Oncology (SSO)

ATA Research Grants
http://www.thyroid.org/thyroid-physicians-professionals/research-grants-thyroidology/
American Thyroid Association