NOTICES

Week of April 7, 2014

- Notice of Agency Decision: The Density of the Primary Living Space of Captive Chimpanzees Owned or Supported by the NIH or Used in NIH-Supported Research (NOT-OD-14-051) Office of the Director, NIH
- Maintaining Confidentiality in NIH Peer Review (NOT-OD-14-073) National Institutes of Health
- Notice of Intent to Publish a Funding Opportunity Announcement for Centers of Cancer Nanotechnology Excellence (U54) (NOT-CA-14-033) National Cancer Institute
- Notice of National Cancer Institute's Interest in Supporting Cancer Nanotechnology Research Training Programs (NOT-CA-14-035) National Cancer Institute
- Notice of Expiration of PAR-14-013 "Early Phase Clinical Trials in Imaging and Image-Guided Interventions (R21)" (NOT-CA-14-036) National Cancer Institute
- Notice of Intent to Publish a Funding Opportunity Announcement for Cancer Nanotechnology Research Platforms (U01) (NOT-CA-14-037) National Cancer Institute
- Notice of Intent to Publish a Funding Opportunity Announcement for the Physical Sciences-Oncology Network (PS-ON): Physical Sciences-Oncology Projects (PS-OP) (U01) (NOT-CA-14-039) National Cancer Institute
- Notice of National Cancer Institute (NCI) Participation in PA-14-155 "Early Stage Development of Technologies in Biomedical Computing, Informatics, and Big Data Science (R01)" (NOT-CA-14-040) National Cancer Institute
- Notice of National Cancer Institute (NCI) Participation in PA-14-156 "Extended Development, Hardening and Dissemination of Technologies in Biomedical Computing, Informatics, and Big Data Science (R01)" (NOT-CA-14-041) National Cancer Institute
- Notice of Clarification of Information for NIGMS Prior Approval of Pilot Projects Proposed for Support by IDeA Program Grants (NOT-GM-14-111) National Institute of General Medical Sciences
- Notice of NICHD's Participation in RFA-HG-14-020 "Development of Software and Analysis Methods for Biomedical Big Data in Targeted Areas of High Need (U01)" (NOT-HD-14-011) Eunice Kennedy Shriver National Institute of Child Health and Human Development

REQUESTS FOR APPLICATIONS

None

PROGRAM ANNOUNCEMENTS

- **TITLE:** Early Phase Clinical Trials in Imaging and Image-Guided Interventions (R01) (PAR-14-166)
  **SPONSOR:** National Cancer Institute
  **Synopsis:** This Funding Opportunity Announcement (FOA) is intended to support clinical trials conducting preliminary evaluation of the safety and efficacy of imaging agents, as well as an assessment of imaging systems, image processing, image-guided therapy, contrast kinetic modeling, 3-D reconstruction and other quantitative tools. As many such preliminary evaluations are early in development, this FOA will provide investigators with support for pilot (Phase I and II) cancer imaging clinical trials, including patient monitoring and laboratory studies. Application Receipt/Submission Date(s): June 30, 2014; October 10, 2014; February 9, 2015, June 9, 2015; October 9, 2015; February 9, 2016; June 9, 2016; October 11, 2016; February 9, 2017

- **TITLE:** Physical Sciences-Oncology Centers (U54) (PAR-14-169)
  **SPONSOR:** National Cancer Institute
  **Synopsis:** The purpose of this funding opportunity announcement (FOA) is to build a cadre of Physical Science-Oncology Centers (PS-OCs, or Centers) to serve as hubs for the collaborative Physical Sciences-Oncology
Network (PS-ON, or Network). The PS-OCs will conduct transdisciplinary research integrating the perspectives of physical scientists (e.g., engineers, chemists, computer scientists, mathematicians, physicists) and cancer researchers (e.g., cancer biologists, oncologists, pathologists) to study cancer using approaches and theories from the physical sciences. The Network will include both the PS-OCs and the Physical Sciences-Oncology Projects (PS-OPs, or Projects) U01s that will be invited through a companion FOA. The PS-OCs will serve as hubs for the Network and address more complex and challenging questions that require a broader range of expertise and multiple integrated projects. The PS-OPs will provide opportunities for investigators or smaller teams with the necessary transdisciplinary expertise to address specific, focused questions. Investigators from both the PS-OCs and PS-OPs will be expected to collaborate and share data and expertise across the Network and participate in Network activities and annual meetings.

Application Receipt/Submission Date(s): June 9, 2014; February 26, 2015; November 25, 2015

- **TITLE:** The Role of Microbial Metabolites in Cancer Prevention and Etiology (U01) (PAR-13-159)
  
  **SPONSOR:** National Cancer Institute

  **Synopsis:** This FOA encourages pre-clinical and clinical studies that will describe the variability in the bacterial metabolites production and their contribution to cancer prevention/promotion among various racial and ethnic groups. Due to inconsistent responses to dietary interventions, this research is necessary to identify who might benefit from specific dietary recommendations and who might be placed at risk. It is important to identify the factors that contribute to differences in response to foods and food components and to identify early markers that will identify those who will receive maximum benefits from dietary change. As these are complex questions this program will facilitate interdisciplinary collaborations among scientists engaged in research in cancer prevention and microbiology, nutrition, cancer cell biology, and cancer disparities. To achieve this goal all applications are encouraged to include multiple Program Director(s)/Principal Investigator(s) with expertise in cancer biology, microbiology, nutrition, analytical chemistry or genetics. Investigations may use either clinical or preclinical approaches.

  Application Receipt/Submission Date(s): November 14, 2014, by 5:00 PM local time of applicant organization.

- **TITLE:** Image-guided Drug Delivery in Cancer (R01) (PAR-13-185)
  
  **SPONSOR:** National Cancer Institute, National Institute of Biomedical Imaging and Bioengineering

  **Synopsis:** This Funding Opportunity Announcement (FOA) will support innovative research projects that are focused on image-guided drug delivery (IGDD), including real-time image guidance, monitoring, quantitative in vivo characterizations and validation of delivery and response. It will support research in development of integrated imaging-based platforms for multifunctional and multiplexed drug delivery systems in cancer and other diseases, quantitative imaging assays of drug delivery, and early intervention.

  Application Receipt/Submission Date(s): June 19, 2013; November 19, 2013; June 19, 2014; November 19, 2014; June 19, 2015; November 19, 2015, by 5:00 PM local time of applicant organization.

- **TITLE:** Collaborative Research in Integrative Cancer Biology (U01) (PAR-13-184)
  
  **SPONSOR:** National Cancer Institute

  **Synopsis:** The purpose of this Funding Opportunity Announcement (FOA) is to encourage new research into integrative cancer biology by fostering collaborations between investigators currently supported through the Integrative Cancer Biology Program (ICBP) and those currently unaffiliated with the ICBP. These collaborative projects should leverage the existing expertise and resources from within the ICBP research community and combine those with new approaches, technologies or methods to address compelling cancer questions. Therefore, the proposed research projects must involve partnerships between investigators currently supported by ICBP and investigators currently unaffiliated with the program.

  Application Receipt/Submission Date(s): June 18, 2014; November 13, 2014; June 18, 2015; November 13, 2015, by 5:00 PM local time of applicant organization.

- **TITLE:** Research Supplements to Promote Re-Entry into Biomedical and Behavioral Research Careers (Admin Supp) (PA-12-150)
  
  **SPONSOR:** Office of Research on Women’s Health, National Cancer Institute, National Heart, Lung, and Blood Institute, National Human Genome Research 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, Fogarty International Center, National Center for Complementary and Alternative Medicine, National Center for Advancing Translational Sciences, Office of Research Infrastructure Programs, Office of Dietary Supplements, Office of Strategic Coordination

**Synopsis:** The purpose of these supplements is to encourage such individuals to re-enter research careers within the missions of all the program areas of NIH. This program will provide administrative supplements to existing NIH research grants for the purpose of supporting full-time or part-time research by these individuals to update their existing research skills and knowledge.

Application Receipt/Submission Date(s): Due dates may vary by awarding IC. See Announcement for more details.

- **TITLE:** Multidisciplinary Studies of HIV/AIDS and Aging (R03) (PAR-12-176)
  **SPONSOR:** National Institute on Aging, National Cancer Institute, National Institute on Alcohol Abuse and Alcoholism, National Institute of Allergy and Infectious Diseases, Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institute on Drug Abuse, National Institute of Mental Health
  **Synopsis:** This FOA invites applications proposing to study HIV infection, HIV-associated conditions, HIV treatment, and/or biobehavioral or social factors associated with HIV/AIDS in the context of aging and/or in older adults. Research approaches of interest include clinical translational, observational, and intervention studies in domestic and international settings. NCI as a participating institute seeks to foster research studies to help understand how aging in the presence of chronic HIV infection affects the risk, spectrum and biology of cancer (AIDS-defining and non-AIDS-defining cancers).
  Application Receipt/Submission Date(s): August 7, 2014; December 9, 2014; April 7, 2015, by 5:00 PM local time of applicant organization.

- **TITLE:** Multidisciplinary Studies of HIV/AIDS and Aging (R21) (PAR-12-174)
  **SPONSOR:** National Institute on Aging, National Cancer Institute, National Heart, Lung, and Blood Institute, National Institute on Alcohol Abuse and Alcoholism, National Institute of Allergy and Infectious Diseases, National Institute of Arthritis and Musculoskeletal and Skin Diseases, Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institute on Drug Abuse, National Institute of Mental Health, National Institute of Neurological Disorders and Stroke
  **Synopsis:** The goal of this announcement is to invite research grant applications studying HIV infection, HIV-associated conditions, HIV treatment, and/or biobehavioral or social factors associated with HIV/AIDS in the context of aging and/or in older adults. Research approaches of interest include clinical translational, observational, and intervention studies in domestic and international settings. NCI as a participating institute seeks to foster research studies to help understand how aging in the presence of chronic HIV infection affects the risk, spectrum and biology of cancer (AIDS-defining and non-AIDS-defining cancers).
  Application Receipt/Submission Date(s): August 7, 2014; December 9, 2014; April 7, 2015, by 5:00 PM local time of applicant organization.

- **TITLE:** Multidisciplinary Studies of HIV/AIDS and Aging (R01) (PAR-12-175)
  **SPONSOR:** National Institute on Aging, National Cancer Institute, National Institute on Alcohol Abuse and Alcoholism, National Heart, Lung, and Blood Institute, National Institute of Allergy and Infectious Diseases, National Institute of Arthritis and Musculoskeletal and Skin Diseases, Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institute of Diabetes and Digestive and Kidney Diseases, National Institute on Drug Abuse, National Institute of Mental Health, National Institute of Neurological Disorders and Stroke, National Institute of Nursing Research, National Center for Complementary and Alternative Medicine
  **Synopsis:** This FOA invites applications proposing to study HIV infection, HIV-associated conditions, HIV treatment, and/or biobehavioral or social factors associated with HIV/AIDS in the context of aging and/or in older adults. Research approaches of interest include clinical translational, observational, and intervention studies in domestic and international settings. NCI as a participating institute seeks to foster research studies to help understand how aging in the presence of chronic HIV infection affects the risk, spectrum and biology of cancer (AIDS-defining and non-AIDS-defining cancers). Recent data indicates an increase in the non-AIDS-defining cancers that is driven to a large extent by the growth and aging of the HIV/AIDS population.
  Application Receipt/Submission Date(s): August 7, 2014; December 9, 2014; April 7, 2015, by 5:00 PM local time of applicant organization.

- **TITLE:** Fogarty HIV Research Training Program for Low-and Middle-Income Country Institutions (D43) (PAR-13-126)
  **SPONSOR:** Fogarty International Center, National Cancer Institute, National Institute on Drug Abuse, National Institute of Mental Health
  **Synopsis:** Limited Competition: The purpose of this FOA is to encourage applications for research training programs to develop and strengthen the scientific leadership and expertise needed for HIV-related research at eligible Low-and Middle-Income Country (LMIC) institutions.
Application Receipt/Submission Date(s): July 24, 2014, July 30, 2015, by 5:00 PM local time of applicant organization.

- **TITLE:** Decreasing Patient Radiation Dose from CT Imaging: Achieving Sub-mSv Studies (U01)  
  **SPONSOR:** National Institute of Biomedical Imaging and Bioengineering

- **TITLE:** Innovative Programs to Enhance Research Training (IPERT) (R25)  
  **SPONSOR:** National Institute of General Medical Sciences  
  Application Receipt/Submission Date(s): June 9, 2014; January 25, 2015; January 25, 2016

**OTHER FUNDING OPPORTUNITIES**

- **TITLE:** National Science Foundation Research Traineeship Program (NRT)  
  **SPONSOR:** National Science Foundation  

- **TITLE:** The Doctors Cancer Foundation Grant  
  **SPONSOR:** The Doctors Cancer Foundation  
  [http://doctorscancerfoundation.org/id4.html](http://doctorscancerfoundation.org/id4.html)

- **TITLE:** AACR Achievement Awards  
  **SPONSOR:** American Association for Cancer Research (AACR)  
  [http://www.aacr.org/home/scientists/scientific-achievement-awards.aspx](http://www.aacr.org/home/scientists/scientific-achievement-awards.aspx)

- **TITLE:** Behavioral Health Workforce Education and Training for Paraprofessionals  
  **SPONSOR:** Health Resources & Services Administration — Department of Health and Human Services  
  [HRSA-14-126](http://hrsa-bhw.gov/)

- **TITLE:** Immunotherapy for Pediatric Brain Tumors  
  **SPONSOR:** Solving Kids’ Cancer (SKC)  
  [http://gallery.mailchimp.com/c7e8b06e4757a028e0d8b9f50/files/Brain_tumor_Immunotherapy_RFP_DRAFT_3_24_2014_SK_DL.docx.pdf](http://gallery.mailchimp.com/c7e8b06e4757a028e0d8b9f50/files/Brain_tumor_Immunotherapy_RFP_DRAFT_3_24_2014_SK_DL.docx.pdf)