• Ruth L. Kirschstein National Research Service Award (NRSA) Stipends, Tuition/Fees and Other Budgetary Levels Effective for Fiscal Year 2015 (NOT-OD-15-048) National Institutes of Health
Agency for Healthcare Research and Quality
Health Resources and Services Administration
• Notice of Salary Limitation on Grants, Cooperative Agreements, and Contracts (NOT-OD-15-049) National Institutes of Health
• NIH Fiscal Policy for Grant Awards - FY2015 (NOT-OD-15-050) National Institutes of Health
• Notice of NIH Requirement for Federal Recognition of Same-Sex Spouses/Marriages by Grant and Research and Development Contract Recipients (NOT-OD-15-051) Office of the Director, NIH
• Notice of Reissuance of the NIH Pathway to Independence Award (Parent K99/R00) (NOT-OD-15-052) National Institutes of Health
• Notice of National Cancer Institute (NCI) Participation in PAR-15-024 "Food Specific Molecular Profiles and Biomarkers of Food and Nutrient Intake, and Dietary Exposure (R01)" (NOT-CA-15-009)
• Notice of NIBIB's Participation in PAR-15-075 "Academic-Industrial Partnerships for Translation of Technologies for Cancer Diagnosis and Treatment (R01)" (NOT-EB-15-002) National Institute of Biomedical Imaging and Bioengineering
• Notice of Participation of NIGMS in PAR-15-040 "Investigator Initiated Extended Clinical Trial (R01)" (NOT-GM-15-104) National Institute of General Medical Sciences

REQUESTS FOR APPLICATIONS

• TITLE: Grants to Enhance Food Safety: National Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program (U18) (RFA-FD-15-003)
  SPONSOR: Food and Drug Administration
  Application Receipt Date(s): March 16, 2015

• TITLE: NIH Big Data to Knowledge (BD2K) Biomedical Data Science Training Coordination Center (U24) (RFA-ES-15-004)
  SPONSOR: National Institute of Environmental Health Sciences, National Cancer Institute, National Eye 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 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, National Center for Advancing Translational Sciences, Division of Program Coordination, Planning and Strategic Initiatives, Office of Disease Prevention, Division of Program Coordination, Planning and Strategic Initiatives, Office of Research Infrastructure Programs, Office of Behavioral and Social Sciences Research, Office of Strategic Coordination
  Synopsis: The purpose of this FOA is to solicit applications for a coordination center that will narrow the gap between the availability of biomedical big data and the ability of biomedical scientists to effectively utilize such data accurately, effectively, and efficiently. Achieving this goal requires: (1) bringing together individuals involved in training and career development programs to network and share experiences; and (2) engaging individuals developing open educational resources in meaningful dialogue to ensure that the resources they develop will be freely available and easy to access by the broader biomedical community. By the end of the award period, the Training Coordination Center (TCC) will be expected to have: (1) developed a network of scientists involved in biomedical big data science and (2) produced a discovery index that serves as a primary source for personalized access to publicly available biomedical data science educational resources.
  Receipt Date(s): February 17, 2015
• TITLE: Innovative Molecular Analysis Technologies for Cancer Research (R21)  
   (RFA-CA-15-002)  
   SPONSOR: National Cancer Institute  
   Synopsis: The emphasis of this FOA is on supporting the development of novel molecular and cellular analysis capabilities with a high degree of technical innovation with the potential to significantly affect and transform investigations exploring the molecular and cellular basis of cancer.  
   Application Receipt Date(s): March 17, 2015; June 17, 2015; September 22, 2015

• TITLE: Advanced Development and Validation of Emerging Molecular Analysis Technologies for Cancer Research (R33)  
   (RFA-CA-15-003)  
   SPONSOR: National Cancer Institute  
   Synopsis: This FOA solicits R33 applications where proof-of-principle of the proposed technology or methodology has been established and supportive preliminary data are available. Projects proposed to this FOA should reflect the potential to produce a molecular analysis technology with a major impact in cancer-relevant research. Projects proposing to use established technologies where the novelty resides in the biological or clinical question being pursued are not appropriate for this FOA and will not be reviewed.  
   Application Receipt Date(s): March 17, 2015; June 17, 2015; September 22, 2015

• TITLE: Innovative Technologies for Cancer-Relevant Biospecimen Science (R21)  
   (RFA-CA-15-004)  
   SPONSOR: National Cancer Institute  
   Synopsis: This FOA will support the development of tools, devices, instrumentation, and associated methods to assess sample quality, preserve/protect sample integrity, and establish verification criteria for quality assessment/quality control and handling under diverse conditions. These technologies are expected to potentially accelerate and/or enhance research in cancer biology, early detection, screening, clinical diagnosis, treatment, epidemiology, and cancer health disparities, by reducing pre-analytical variations that affect biospecimen sample quality.  
   Application Receipt Date(s): March 17, 2015; June 17, 2015; September 22, 2015

• TITLE: Advanced Development and Validation of Emerging Technologies for Cancer-Relevant Biospecimen Science (R33)  
   (RFA-CA-15-005)  
   SPONSOR: National Cancer Institute  
   Synopsis: This Funding Opportunity Announcement (FOA) solicits grant applications proposing research projects on the advanced development and validation of technologies that address issues related to pre-analytical degradation of targeted analytes during the collection, processing, handling, and storage of cancer-relevant biospecimens. Applications must include preliminary data sufficient to justify the feasibility of the proposed technology, but may still require additional development to reach a generally useful level of functionality for cancer-related research applications.  
   Application Receipt Date(s): March 17, 2015; June 17, 2015; September 22, 2015

• TITLE: Pharmacogenomics of Orofacial Pain Management (R01)  
   (RFA-DE-16-001)  
   SPONSOR: National Institute of Dental and Craniofacial Research

PROGRAM ANNOUNCEMENTS

• TITLE: NIH Pathway to Independence Award (Parent K99/R00)  
   (PA-15-083)  
   SPONSOR: National Center for Complementary and Alternative Medicine, 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 Drug Abuse, 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 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 Library of Medicine, Office of Behavioral and Social Science Research, Office of Dietary Supplements, Division of Program Coordination, Planning and Strategic Initiatives, Office of Research Infrastructure Programs  
   Synopsis: This program is designed to facilitate a timely transition of outstanding postdoctoral researchers from mentored, postdoctoral research positions to independent, tenure-track or equivalent faculty positions, and to provide
independent NIH research support during the transition that will help these individuals launch competitive, independent research careers

Application Receipt/Submission Date(s): Multiple dates, see announcement.

- **TITLE:** NIDCR Dentist Scientist Career Transition Award for Intramural Investigators (K22)  
  *(PAR-15-084)*  
  **SPONSOR:** National Institute of Dental and Craniofacial Research  
  Application Receipt/Submission Date(s): Multiple dates, see announcement.

- **TITLE:** Predictive Multiscale Models for Biomedical, Biological, Behavioral, Environmental and Clinical Research (U01)  
  *(PAR-15-085)*  
  **SPONSOR:** National Cancer Institute, National Institute of Biomedical Imaging and Bioengineering, Department of Energy, Food and Drug Administration, National Aeronautics and Space Administration, National Human Genome Research Institute, National Institute on Aging, National Institute on Alcohol Abuse and Alcoholism, 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 Science Foundation Office of Behavioral and Social Science Research, Office of Naval Research, US Army  
  **Synopsis:** The NIH, ARO, DOE, FDA, NASA, NSF, and ONR recognize that in order to efficiently and effectively address the challenges of understanding multiscale biological and behavioral systems, researchers will need predictive, computational models that encompass multiple biological and behavioral scales. This FOA supports the development of non-standard modeling methods and experimental approaches to facilitate multiscale modeling, and active participation in community-driven activities through the Multiscale Modeling (MSM) Consortium, [www.imagwiki.org](http://www.imagwiki.org).  
  Application Receipt/Submission Date(s): Multiple dates, see announcement.

**OTHER FUNDING OPPORTUNITIES**

- **TITLE:** Thermal Transport Processes (TTP)  
  **SPONSOR:** National Science Foundation  
  **Synopsis:** One of the core areas of interest is thermal phenomena in biological systems. Only two topics are of interest in this area: cryopreservation and the role of heat transfer and thermal management in the treatment of cancer cells.  
  Application Receipt/Submission Date(s): October 1, 2015 - October 20, 2015 October 1 - October 20, Annually Thereafter

- **TITLE:** The National Patient-Centered Clinical Research Network: Patient Powered Research Networks (PPRN)—Phase II  
  **SPONSOR:** Patient-Centered Outcomes Research Institute (PCORI)

- **TITLE:** Engagement Award Initiative Notice (EAIN): Supporting Dissemination and Implementation Activities of the PCORI Pilot Projects Learning Network (PPPLN)  
  **SPONSOR:** Patient-Centered Outcomes Research Institute (PCORI)

- **TITLE:** Grants  
  [http://www.stbaldricks.org/for-researchers](http://www.stbaldricks.org/for-researchers)  
  **SPONSOR:** St. Baldrick’s Foundation

- **TITLE:** Sarcoma Foundation of America Research Grants  
  [http://www.curesarcoma.org/research/apply-for-a-grant/](http://www.curesarcoma.org/research/apply-for-a-grant/)  
  **SPONSOR:** Sarcoma Foundation of America

- **TITLE:** Bladder Cancer Research Innovation Award  
  **SPONSOR:** Bladder Cancer Advocacy Network (BCAN)