CVM Office of Research Facilitation

Newsletter for Jun 5, 2015

*This Newsletter is best viewed in HTML format.

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AGING

NIH
Analyses of Human Datasets and Biospecimens to Characterize Aging-related Phenotypes
Relationships to Circulating Polypeptides and Proteins that Reverse or Accelerate Aging
Changes (R01), RFA-AG-16-012
This Funding Opportunity Announcement (FOA) invites applications to analyze existing
datasets and stored biospecimens from human cohorts (e.g., epidemiologic studies, clinical
trials) to advance understanding of potential effects in humans of polypeptides and
proteins whose circulating levels change with age, and for which experimental evidence
indicates reversal or acceleration of aging changes. Proposed studies in response to this
FOA should address potential relationships of any selected polypeptide or protein to
multiple outcomes, in order to evaluate both potential beneficial and adverse effects.
Application Due: 8/3/15

NIH
Behavioral Epigenomics of Aging in Twin Studies (U24), RFA-AG-16-007
Twin research supported by the National Institute on Aging has transformed our
understanding of behavior over the lifespan and allowed us to study the interplay of
genetic and environmental factors that affect how we age (e.g. lifestyle factors, socio-
economic status, social engagement), age-related changes in behavior (e.g. cognition,
personality) and behavioral concomitants of healthy aging (e.g. well-being) using primarily
a quantitative genetic approach. The purpose of this FOA is to accelerate progress in
behavioral genomics and aging via the establishment of a twin-epigenomic network that
will facilitate collaboration between existing twin studies of aging, including work on the
harmonization of phenotypes and (epi)genotype collection procedures as well as the
development of statistical methods for the analysis and meta-analysis of data sets including
genomic, epigenomic, gene expression, and behavioral phenotypic data. Larger scale
support for the collection of samples suitable for epigenomic analysis in specific studies
may be supported by other opportunities.
Application Due: 1/14/16

NIH
Characterization of Pro- and Anti-Geronic Proteins and Peptides (R01), RFA-AG-16-005
The goal of this FOA is to advance research on naturally occurring proteins (and/or
peptides) known to impact one or more aging phenotypes, at physiological levels, based on
whole-animal experimental evidence. These are "geronic proteins" isolated from
circulation, which might reverse (rejuvenate) or potentially prevent development of aging
phenotypes observable in an older laboratory animal, such as cardiac hypertrophy,
diminished skeletal muscle repair-efficiency, reduced muscle strength, etc. (anti-geronic
proteins), or which appear to promote an aging phenotype in a young adult laboratory
animal, such as leading to decreased neurogenesis or cognitive function (pro-geronic
proteins).
NIH
Conference Grants to Advance Collaborative Research on Aging Biology (R13), PAR-15-265
This Funding Opportunity Announcement (FOA) encourages the submission of conference grant applications in scientific areas that will foster extramural research on the molecular, biochemical, cellular, genetic, and physiological mechanisms underlying normal aging and related pathologies. NIA is particularly interested in promoting and facilitating team science by employing the R13 activity code to allow researchers at all levels of training to come together to exchange ideas, tools and approaches in an effort to increase collaborative research.
Application Due: 8/3/15

NIH
Development of Measures of Fatigability in Older Adults (R21), RFA-AG-16-013
This FOA invites applications to develop and evaluate measures of fatigability. This FOA is not intended to support the addition of one more instrument to the extensive assortment of existing fatigue measures. Rather, this FOA is intended to substantially advance the science of disability measurement through development of a qualitatively different construct -- fatigability -- by addressing the inherent problem of self-pacing that confounds most measures of fatigue.
Application Due: 10/1/15

NIH
Grants for Early Medical/Surgical Subspecialists’ Transition to Aging Research (GEMSSTAR) (R03), RFA-AG-16-015
The goal of the GEMSSTAR FOA is to provide support for early-stage physician-scientists, trained in medical or surgical specialties, to launch careers as future leaders in research on aging or in geriatrics. To achieve this goal, the GEMSSTAR FOA provides small grants to conduct transdisciplinary research on aging or in geriatrics research that will yield pilot data for subsequent aging- or geriatrics-focused research projects. As part of its focus on facilitating the development of early-stage physician-scientists who will become leaders in research on aging or in geriatrics, the GEMSSTAR FOA seeks to encourage the provision of supportive environments for candidates, and NIA will consider the extent to which a supportive environment is available to candidates in selecting GEMSSTAR candidates.
Application Due: 10/7/15

AGRICULTURE SYSTEMS

Michigan Alliance for Animal Agriculture
M-AAA 2016 Request for Proposals
The Michigan Alliance for Animal Agriculture (M-AAA) announces a request for proposals for funding for research and extension programs to enhance Michigan Animal Agriculture. All proposals must address critical needs relevant to Michigan’s Animal Agriculture
Industries and are requested in the following funding categories: 1) Applied Research, 2) Extension and 3) Seed Grants.


Application Due: 9/1/15

ALCOHOL/ADDITION

NIH

Human Studies to Evaluate Promising Medications to Treat Alcohol Use Disorder (R01), PA-15-256

The objective of this Funding Opportunity Announcement (FOA) is to encourage applications that use human laboratory paradigms and/or clinical trials to evaluate the safety and efficacy of novel or re-purposed compounds, that bind to new targets, for treatment of alcohol use disorder (AUD) or AUD with a comorbid post-traumatic stress disorder.


Application Due: 10/5/15; 2/5/16; 6/5/16; 10/5/16; 2/5/17; 6/5/17; 10/5/17; 2/5/18

NIH

Human Studies to Evaluate Promising Medications to Treat Alcohol Use Disorder (R03), PA-15-255

The objective of this Funding Opportunity Announcement (FOA) is to encourage applications that use human laboratory paradigms and/or clinical trials to evaluate the safety and efficacy of novel or re-purposed compounds, that bind to new targets, for treatment of alcohol use disorder (AUD) or AUD with a comorbid post-traumatic stress disorder.


Application Due: 7/16/15; 11/16/15; 3/16/16; 7/16/16; 11/16/16; 3/16/17; 7/16/17; 11/16/17; 3/16/18

NIH

Human Studies to Evaluate Promising Medications to Treat Alcohol Use Disorder (R21), PA-15-254

The objective of this Funding Opportunity Announcement (FOA) is to encourage applications that use human laboratory paradigms and/or clinical trials to evaluate the safety and efficacy of novel or re-purposed compounds, that bind to new targets, for treatment of alcohol use disorder (AUD) or AUD with a comorbid post-traumatic stress disorder.


Application Due: 10/16/15; 2/16/16; 6/16/16; 10/16/16; 2/16/17; 6/16/17; 10/16/17; 2/16/18

ASTHMA

NIH

Asthma and Allergic Diseases Cooperative Research Centers (U19), RFA-AI-15-032

The purpose of this Funding Opportunity Announcement (FOA) is to invite applications from single institutions or consortia of institutions to participate in the Asthma and Allergic Diseases Cooperative Research Centers (AADCRC) program. The program will support centers that integrate clinical and basic research to conduct studies on the mechanisms
underlying the onset and progression of diseases of interest, including asthma, rhinitis (allergic and non-allergic), chronic rhinosinusitis, atopic dermatitis, food allergy, and drug allergy. The overarching goal of the program is to improve the understanding of the pathogenesis of these conditions and to provide a rational foundation for new, effective treatments and prevention strategies.


Application Due: 10/2/15

BIRTH DEFECTS

NIH

Discovery of the Genetic Basis of Structural Birth Defects and of Childhood Cancers: Gabriella Miller Kids First Pediatric Research Program (X01), PAR-15-259

The NIH invites applications to use whole genome sequencing at an NHGRI-supported sequencing center to investigate the genetic etiology of structural birth defects, and to further elucidate the genetic contribution to childhood cancers and the genomic contributions to treatment failure for childhood sarcomas. These data will become part of a data resource for the pediatric research community. Information from this activity will be used to help design future activities of the Gabriella Miller Kids First (Kids First) Pediatric Research Program.


Application Due: 7/27/15
Free to Breathe
Accelerate Clinical Trials Grant
Free to Breathe is launching a new grant funding opportunity focused on research to systematically investigate interventions or strategies to increase accrual to therapeutic lung cancer clinical trials. Our goal is to fund pilot research projects that will investigate novel strategies to improve accrual of lung cancer patients to therapeutic cancer clinical trials by at least 50% within a defined healthcare facility, system or community. Proposals must have a clear vision about how the pilot project, if successful, can be an expanded to other institutions for validation of the intervention or strategy. The intent of Free to Breathe is to fund projects that will be reproducible and implementable to a wider community.
http://www.freetobreathe.org/research-grants/our-research-grants/accelerate-clinical-trials-grant
Application Due: 7/17/15

NIH
Discovery of the Genetic Basis of Structural Birth Defects and of Childhood Cancers:
Gabriella Miller Kids First Pediatric Research Program (X01), PAR-15-259
The NIH invites applications to use whole genome sequencing at an NHGRI-supported sequencing center to investigate the genetic etiology of structural birth defects, and to further elucidate the genetic contribution to childhood cancers and the genomic contributions to treatment failure for childhood sarcomas. These data will become part of a data resource for the pediatric research community. Information from this activity will be used to help design future activities of the Gabriella Miller Kids First (Kids First) Pediatric Research Program.
Application Due: 7/27/15

DOD
DoD Lung Cancer Concept Award, W81XWH-15-LCRP-CA
The Concept Award supports the exploration of a highly innovative new concept or untested theory that addresses an important problem relevant to lung cancer. The Concept Award is not intended to support an incremental progression of an already established research project but, instead, allows Principal Investigators (PIs) the opportunity to pursue serendipitous observations. This award mechanism supports high-risk studies that have the potential to reveal entirely new avenues for investigation. Applications must describe how the new idea will enhance the existing knowledge of lung cancer or develop an innovative and novel course of investigation.
http://www.grants.gov/web/grants/view-opportunity.html?oppId=276815
Pre-Application Due: 7/28/15
Application Due: 8/11/15

DoD
DoD Prostate Cancer Dr. Barbara Terry-Koroma Health Disparity Research Award,
W81XWH-15-PCRP-HDRA
The Health Disparity Research Award supports new ideas based on innovative concepts or methodologies for health disparity research with the potential to make an important contribution toward eliminating death from prostate cancer and enhancing the well-being of men impacted by the disease. Studies proposed for this award mechanism are expected to improve the understanding of, and ultimately contribute to eliminating disparities in
prostate cancer incidence, morbidity, mortality, and survivorship.

http://www.grants.gov/web/grants/view-opportunity.html?oppId=276746

Pre-Application Due: 7/16/15
Application Due: 9/24/15

DoD
DoD Prostate Cancer Exceptional Responders Award, W81XWH-15-PCRP-ERA
award supports a research effort conducted by leading prostate cancer researchers that specifically focuses on identifying and understanding predictors of disease outcomes in exceptional responders to prostate cancer therapies. Research projects proposed under the ERA can be either discovery or target-driven but must include an in-depth examination of outlier responses to prostate cancer therapy that will lead to significant improvements to the clinical management of prostate cancer. The research project should address overarching issues that have broad implications for the disease and risk management, such as risk factors at the individual level and systems level, treatment, toxicity, and dormancy. The research project should not focus merely on the study of specific molecular pathways or genes, but should be focused on identifying what is unique to exceptional responders, which may include biological, behavioral, or other lifestyle factors.

http://www.grants.gov/web/grants/view-opportunity.html?oppId=276743
Pre-Application Due: 6/25/15
Application Due: 9/24/15

DoD
DoD Prostate Cancer Idea Development Award, W81XWH-15-PCRP-IDA
The Idea Development Award supports new ideas that represent innovative approaches to prostate cancer research and have the potential to make an important contribution to the PCRP mission. Although groundbreaking research often involves a degree of risk, applications should be based on a sound scientific rationale that is established through logical reasoning and/or critical review and analysis of the literature.

http://www.grants.gov/web/grants/view-opportunity.html?oppId=276747
Pre-Application Due: 6/25/15
Application Due: 9/24/15

DoD
DoD Prostate Cancer Impact Award, W81XWH-15-PCRP-IA
The FY15 PCRP Impact Award encourages applications that support the full spectrum of research projects or ideas that specifically focus on scientific and clinical prostate cancer issues, which, if successfully addressed, have the potential to make a major impact in eliminating death from prostate cancer and enhancing the well-being of men experiencing the impact of the disease.

http://www.grants.gov/web/grants/view-opportunity.html?oppId=276744
Pre-Application Due: 6/25/15
Application Due: 9/24/15

DoD
DoD Prostate Cancer Postdoctoral Training Award, W81XWH-15-PCRP-PTA
The Postdoctoral Training Award supports prostate cancer research training opportunities for recent doctoral graduates. These awards primarily provide salary support for the Principal Investigator (PI); the postdoctoral trainee is considered the PI of the application. The PI must exhibit strong potential for, and commitment to, pursuing a career as an investigator at the forefront of prostate cancer research; however, the PI is not required to
have previous prostate cancer research experience.

http://www.grants.gov/web/grants/view-opportunity.html?oppId=276741

Pre-Application Due: 7/30/15
Application Due: 8/13/15

**DOD**

**Peer Reviewed Cancer Research Program - Translational Team Science Award, W81XWH-15-PRCRP-TTSA**

The FY15 PRCRP Translational Team Science Award (TTSA) is new for FY15 and supports translational correlative studies associated with an existing or completed clinical trial that could lead to a future clinical application or the next-phase clinical trial. The ultimate goal of translational research is to move observations forward into clinical application. The intent of the TTSA is to leverage information from existing or completed clinical trials to address knowledge gaps in resulting outcomes. Studies may involve tissue or biopsy procurement or utilization of existing tissue sources. Of particular interest are studies investigating the differences in prognosis and treatment with respect to primary nodal status and/or the presence of metastatic disease; research on precursor lesions and the relationship to prevention and potential outcomes; investigations into tumor heterogeneity (e.g., genetic, epigenetic, immunological) and its association to the tumor microenvironment; and, studies on patient-reported outcomes and quality of life associated with treatment.

http://www.grants.gov/web/grants/view-opportunity.html?oppId=276132

**Pre-Application Due: 6/16/15**
Application Due: 9/29/15

**NIH**

**Provocative Questions in Cancer with an Underlying HIV Infection (R01), RFA-CA-15-012**

The purpose of this funding opportunity announcement (FOA) is to advance our understanding of the risks, development, progression, diagnosis, and treatment of malignancies observed in individuals with an underlying HIV infection or Acquired Immune Deficiency Syndrome (AIDS) through research directed at addressing one of several proposed "Provocative Questions" (PQs). These PQs are not intended to represent the full range of NCI's priorities in HIV/AIDS-related cancer research. Rather, they are meant to challenge researchers to think about and elucidate specific problems and paradoxes in key areas of AIDS-related cancer research that are deemed important but have not received sufficient attention.


**Application Due: 8/18/15; 8/18/16**

**NIH**

**Provocative Questions in Cancer with an Underlying HIV Infection (R21), RFA-CA-15-013**

The purpose of this funding opportunity announcement (FOA) is to advance our understanding of the risks, development, progression, diagnosis, and treatment of malignancies observed in individuals with an underlying HIV infection or Acquired Immune Deficiency Syndrome (AIDS) through research directed at addressing one of several proposed "Provocative Questions" (PQs). These PQs are not intended to represent the full range of NCI's priorities in HIV/AIDS-related cancer research. Rather, they are meant to challenge researchers to think about and elucidate specific problems and paradoxes in key areas of AIDS-related cancer research that are deemed important but have not received sufficient attention.

Application Due: 8/18/16; 8/18/15
**Children's Cardiomyopathy Foundation**

**CCF Research Grants**
Cardiomyopathy remains a poorly understood disease in children and an underfunded research area. The research goals of the Children's Cardiomyopathy Foundation (CCF) is to improve outcomes and quality of life for children with cardiomyopathy by advancing medical knowledge on the disease mechanism and developing more accurate diagnostic methods and targeted therapies. CCF offers funding for basic science, clinical, population/epidemiologic and translational research on cardiomyopathies affecting children aged 18 years and younger. This includes support for studies focused on the causes, diagnosis or treatment of dilated, hypertrophic, restrictive, arrhythmogenic right ventricular and left ventricular non-compaction cardiomyopathy.

[http://www.childrenscardiomyopathy.org/site/grants.php](http://www.childrenscardiomyopathy.org/site/grants.php)

**Letter of Intent Due: 6/12/15**  
**Application Due: 9/4/15**

**CENTERS**

**NIH**

**Asthma and Allergic Diseases Cooperative Research Centers (U19) , RFA-AI-15-032**
The purpose of this Funding Opportunity Announcement (FOA) is to invite applications from single institutions or consortia of institutions to participate in the Asthma and Allergic Diseases Cooperative Research Centers (AADCRC) program. The program will support centers that integrate clinical and basic research to conduct studies on the mechanisms underlying the onset and progression of diseases of interest, including asthma, rhinitis (allergic and non-allergic), chronic rhinosinusitis, atopic dermatitis, food allergy, and drug allergy. The overarching goal of the program is to improve the understanding of the pathogenesis of these conditions and to provide a rational foundation for new, effective treatments and prevention strategies.


**Application Due: 10/2/15**

**NIH**

**NHGRI Genome Sequencing Program Analysis Centers (U01) , RFA-HG-15-026**
HGRI seeks to establish NHGRI Genome Sequencing Program Analysis Centers (GSPAC), which will undertake computational analyses of the data produced by the NHGRI Genome Sequencing Program (GSP; See "Companion Funding Opportunities") with the purpose of extracting genomic and biological knowledge.


**Application Due: 8/25/15**

**NIH**

**NIMHD Transdisciplinary Collaborative Centers for Health Disparities Research Focused on Precision Medicine (U54) , RFA-MD-15-013**
This Funding Opportunity Announcement (FOA) invites applications for Transdisciplinary Collaborative Centers (TCCs) for health disparities research exploring the potential for precision medicine - an emerging approach that takes into account individual variability in genes, environment, and lifestyle - to promote health equity and reduce health disparities. Priorities include: 1) development of new tools and analytic methods for integrating patient data with information about contextual factors acting at the community or population level.
to influence health; 2) development of pharmacogenomic and other precision medicine tools to identify critical biomarkers for disease progression and drug responses in diverse populations; 3) translation of pharmacogenomic discoveries into effective treatment or clinical practice; and 4) investigation of facilitators and barriers to implementing precision medicine approaches in disadvantaged populations.


Application Due: 9/17/15

CLINICAL TRIALS

Free to Breathe
Accelerate Clinical Trials Grant
Free to Breathe is launching a new grant funding opportunity focused on research to systematically investigate interventions or strategies to increase accrual to therapeutic lung cancer clinical trials. Our goal is to fund pilot research projects that will investigate novel strategies to improve accrual of lung cancer patients to therapeutic cancer clinical trials by at least 50% within a defined healthcare facility, system or community. Proposals must have a clear vision about how the pilot project, if successful, can be expanded to other institutions for validation of the intervention or strategy. The intent of Free to Breathe is to fund projects that will be reproducible and implementable to a wider community.

http://www.freetobreathe.org/research-grants/our-research-grants/accelerate-clinical-trials-grant

Application Due: 7/17/15

CONFERENCES/TRAVEL

NIH
Conference Grants to Advance Collaborative Research on Aging Biology (R13), PAR-15-265
This Funding Opportunity Announcement (FOA) encourages the submission of conference grant applications in scientific areas that will foster extramural research on the molecular, biochemical, cellular, genetic, and physiological mechanisms underlying normal aging and related pathologies. NIA is particularly interested in promoting and facilitating team science by employing the R13 activity code to allow researchers at all levels of training to come together to exchange ideas, tools and approaches in an effort to increase collaborative research.


Application Due: 8/12/15; 12/12/15; 4/12/16; 8/12/16; 12/12/16; 4/12/17; 8/12/17; 12/12/17; 4/12/18
DIAGNOSTICS

NIH

Undiagnosed Diseases Gene Function Research (R21), RFA-RM-15-004
Diseases Network (UDN) building upon the NIH Intramural Research Programs
Undiagnosed Diseases Program (NIH-UDP). Responsive applications will propose to investigate the underlying genetics, biochemistry and/or pathophysiology of newly diagnosed diseases in association with the respective gene variant(s) identified through the UDN. In recent years, gene function studies combined with genetic and genomic analyses and metabolic studies have greatly improved diagnoses of these very rare diseases and advanced scientific knowledge of the underlying pathogenesis. This initiative is funded through the NIH Common Fund, which supports cross-cutting programs that are expected to have exceptionally high impact.

Application Due: 6/24/15

DIVERSITY

NIH

NINDS Faculty Development Award to Promote Diversity in Neuroscience Research (K01), PAR-15-257
The purpose of the NINDS Faculty Development Award to Promote Diversity in Neuroscience Research K01 is to diversify the pool of independent neuroscience research investigators and to enhance the opportunity to obtain independent NIH or other independent research support by providing junior faculty with research cost support, protected research time and career stage appropriate professional development mentorship in neuroscience research. Individuals from backgrounds underrepresented in biomedical research are eligible for support under this award if they have doctoral research degrees (Ph.D. or equivalent) and are in the first 3 years of a faculty tenure track or equivalent position at the time of award.

Application Due: 8/4/15; 10/12/15; 2/12/16; 6/12/16; 10/12/16; 2/12/17; 2/12/18; 6/12/17; 10/12/17

EDUCATION

Lalor Foundation
Reproductive Health Programs
The Lalor Foundation is accepting applications from programs designed to educate young women about human reproduction in order to broaden and enhance their options in life.

Through the Anna Lalor Burdick Program, the foundation seeks to empower young women through education about healthy reproduction in order to broaden and enhance their options in life. The program focuses on young women who have inadequate access to information regarding sexual and reproductive health, including comprehensive and unbiased information on contraception and pregnancy termination.

http://lalorfound.org/?page_id=221
Application Due: 11/1/15
EPIGENOMICS

NIH
Behavioral Epigenomics of Aging in Twin Studies (U24), RFA-AG-16-007
Twin research supported by the National Institute on Aging has transformed our understanding of behavior over the lifespan and allowed us to study the interplay of genetic and environmental factors that affect how we age (e.g. lifestyle factors, socio-economic status, social engagement), age-related changes in behavior (e.g. cognition, personality) and behavioral concomitants of healthy aging (e.g. well-being) using primarily a quantitative genetic approach. The purpose of this FOA is to accelerate progress in behavioral genomics and aging via the establishment of a twin-epigenomic network that will facilitate collaboration between existing twin studies of aging, including work on the harmonization of phenotypes and (epi)genotype collection procedures as well as the development of statistical methods for the analysis and meta-analysis of data sets including genomic, epigenomic, gene expression, and behavioral phenotypic data. Larger scale support for the collection of samples suitable for epigenomic analysis in specific studies may be supported by other opportunities.
Application Due: 1/14/16

FELLOWSHIPS

Morris Animal Foundation
Blue Buffalo Foundation for Cancer Research Veterinary Fellowship for Small Companion Animal Nutrition
The MAF/BBFCR Fellowship in Small Companion Animal Nutrition is a two year award made to an institutional training program that will provide salary support for a post-DVM or post-PhD student pursuing post-doctoral research training in companion animal nutrition. Up to $118,000 is available for salary support of this fellowship. This includes $50,000 per year plus a maximum of 8% indirect costs. Additionally, $3,000-$5,000 per year will be available for scientific travel including presentation of research findings at relevant meetings, and visits to BBFCR headquarters in Connecticut and MAF in Colorado.
http://www.morrisanimalfoundation.org/researchers/small-animal/
Application Due: 7/1/15

FOOD SAFETY AND FOOD ALLERGY

FDA
Food Protection Rapid Response Team (RRT) (U18), RFA-FD-15-020
The goal of these cooperative agreements is to facilitate long-term improvements to the national integrated food safety system by unifying and coordinating federal/state/local food/feed emergency response efforts including: 1) Strengthening the link among epidemiology, lab and environmental health/regulatory components; 2) Improving States' regulatory and surveillance food/feed protection programs to include using Incident Command System (ICS)/National Incident Management System (NIMS) principles and a Unified Command structure to conduct integrated responses to all-hazards food/feed emergencies, rapidly identifying and removing tainted food from commerce, and conducting root cause investigations to inform future prevention efforts; and 3) Addressing supporting components, such as training, data sharing, data analysis, communications, continuous process improvement, and development of best practices and other resources to support national capacity/capability development. This will be accomplished through the provision of funding to support multi-jurisdictional, multi-disciplinary Rapid Response
Teams (RRTs) for program improvement and will require extensive cooperation and coordination with FDA District Offices and other FDA program offices.
Application Due: 7/15/15; 3/8/16

**USDA**
National Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program: Regional Center Grants to Enhance Food Safety, USDA-NIFA-FSMA-005056
The United States Food and Drug Administration (FDA) and the United States Department of Agriculture (USDA), National Institute of Food and Agriculture (NIFA) have joined in a collaborative partnership to administer and manage the National Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program: Regional Center Grants to Enhance Food Safety. This program is designed to develop and implement a comprehensive food safety training, education and technical assistance program for those affected by the Food Safety Modernization Act (FSMA). The intention of this program is to begin building an infrastructure that will support a national food safety training, education, extension, outreach, and technical assistance system and provide significant opportunities for funding through subcontracts and for partnerships with eligible stakeholder groups, including community-based and non-governmental organizations.
Application Due: 6/29/15

**GENETICS**

**NIH**
Undiagnosed Diseases Gene Function Research (R21), RFA-RM-15-004
Diseases Network (UDN) building upon the NIH Intramural Research Programs Undiagnosed Diseases Program (NIH-UDP). Responsive applications will propose to investigate the underlying genetics, biochemistry and/or pathophysiology of newly diagnosed diseases in association with the respective gene variant(s) identified through the UDN. In recent years, gene function studies combined with genetic and genomic analyses and metabolic studies have greatly improved diagnoses of these very rare diseases and advanced scientific knowledge of the underlying pathogenesis. This initiative is funded through the NIH Common Fund, which supports cross-cutting programs that are expected to have exceptionally high impact.
Application Due: 6/24/15

**GENOMICS**

**NIH**
High Quality Human and Non-Human Primate Genome Sequences (U24), RFA-HG-15-027
NHGRI seeks to fund efforts that will produce as a community resource very high quality reference genome sequence assemblies in the next three years for human (25-50 assemblies) and select non-human primates (10-12), as a complement to and improvement on existing assemblies.
Application Due: 8/25/15
NIH
NHGRI Genome Sequencing Program Analysis Centers (U01), RFA-HG-15-026
HGRI seeks to establish NHGRI Genome Sequencing Program Analysis Centers (GSPAC), which will undertake computational analyses of the data produced by the NHGRI Genome Sequencing Program (GSP; See "Companion Funding Opportunities") with the purpose of extracting genomic and biological knowledge.
Application Due: 8/25/15

HEALTH DISPARITIES

NIH
Advancing Health Disparities Interventions Through Community-Based Participatory Research (U01), RFA-MD-15-010
The overarching goals of the NIMHD Community-Based Participatory Research (CBPR) Program are to enhance community capacity in research for which they will directly benefit; support collaborative intervention projects addressing health disparities; and accelerate the translation of findings into improved health and health outcomes. The purpose of this FOA is to support promising community interventions using CBPR principles and approaches aimed at reducing and eventually eliminating health disparities.
Application Due: 8/3/15

HIV/AIDS

NIH
Innovation for HIV Vaccine Discovery (R01), RFA-AI-15-019
The purpose of this Funding Opportunity Announcement (FOA) is to encourage applications proposing innovative, high risk, high impact research to identify novel HIV vaccine concepts and targets. A further focus is to answer important scientific questions that will aid in the design and development of an effective immunogen that may provide long-term safe protection from either acquisition of or ongoing infection by HIV. Thus, this FOA aims to support early discovery research by supporting the testing of novel hypotheses and approaches, and to reward initial success with continued funding that is dependent upon achieving applicant-proposed and pre-award negotiated Go/No-Go criteria by the year-2 progress report.
Application Due: 7/29/15

NIH
Provocative Questions in Cancer with an Underlying HIV Infection (R01), RFA-CA-15-012
The purpose of this funding opportunity announcement (FOA) is to advance our understanding of the risks, development, progression, diagnosis, and treatment of malignancies observed in individuals with an underlying HIV infection or Acquired Immune Deficiency Syndrome (AIDS) through research directed at addressing one of several proposed "Provocative Questions" (PQs). These PQs are not intended to represent the full range of NCI's priorities in HIV/AIDS-related cancer research. Rather, they are meant to challenge researchers to think about and elucidate specific problems and paradoxes in key areas of AIDS-related cancer research that are deemed important but have not received
sufficient attention.
Application Due: 8/18/15; 8/18/16

NIH
Pro scraped Questions in Cancer with an Underlying HIV Infection (R21), RFA-CA-15-013
The purpose of this funding opportunity announcement (FOA) is to advance our understanding of the risks, development, progression, diagnosis, and treatment of malignancies observed in individuals with an underlying HIV infection or Acquired Immune Deficiency Syndrome (AIDS) through research directed at addressing one of several proposed "Provocative Questions" (PQs). These PQs are not intended to represent the full range of NCI's priorities in HIV/AIDS-related cancer research. Rather, they are meant to challenge researchers to think about and elucidate specific problems and paradoxes in key areas of AIDS-related cancer research that are deemed important but have not received sufficient attention.
Application Due: 8/18/16; 8/18/15

IMAGING

NIH
Oncology Co-Clinical Imaging Research Resources to Encourage Consensus on Quantitative Imaging Methods and Precision Medicine (U24), PAR-15-266
The purpose of this Funding Opportunity Announcement (FOA) is to invite Cooperative Agreement (U24) applications to develop research resources that will encourage a consensus on how Quantitative Imaging (QI) methods are optimized to improve correlation of results for co-clinical trials.
Application Due: 11/17/15; 6/14/16; 11/17/16; 6/14/17; 11/17/17; 6/14/18

IMMUNE SYSTEM

NIH
Mucosal Immunology Studies Team (MIST) (U01), RFA-AI-15-023
The purpose of this Funding Opportunity Announcement (FOA) is to solicit applications from institutions/organizations to participate in a cooperative research group, the Mucosal Immunology Studies Team (MIST), focusing on immune defense mechanisms and immune regulation at mucosal surfaces of the respiratory, gastrointestinal and urogenital tracts. The purpose of this funding opportunity is to break new ground in the understanding of basic mucosal immune defense mechanisms by introducing new ideas, approaches and technologies that address the difficult questions remaining in mucosal immunology.
Application Due: 10/21/15

INFERTILITY

NIH
National Centers for Translational Research in Reproduction and Infertility (P50), RFA-HD-16-010
The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), through the Fertility and Infertility Branch (FIB), provides funding for a limited
number of research centers in the reproductive sciences. These centers provide an arena for multidisciplinary interactions among basic and clinical scientists interested in establishing high quality translational research programs in the reproductive sciences. The centers also serve as national resources for the training and career development of young scientists electing to pursue careers conducting research in high priority areas of reproduction and infertility. Finally, center investigators develop and participate in important community outreach and education efforts to increase awareness and convey the importance and implications of their research activities to the general public. Accordingly, the purpose of this FOA is to announce the competition of the National Centers for Translational Research in Reproduction and Infertility (NCTRI), which replaces the Specialized Cooperative Centers Program in Reproduction and Infertility Research (SCCPIR) U54 program. The NCTRI will be administered through the Specialized Research Center (P50) award mechanism. These centers will form a national network that facilitates and accelerates bidirectional knowledge transfer between the laboratory and clinic with the ultimate goal of improving human reproductive health through enhanced communication, innovation and research excellence.  
**Application Due: 11/12/15**

**LARGE ANIMAL HEALTH AND DISEASE**

**Morris Animal Foundation**  
**Applications for Large Animal Studies**  
The foundation is accepting applications for large animal research studies. Grants awarded through the Large Animal Studies program support research projects on topics relevant to the health and welfare of large companion animals, including horses and llamas/alpacas.  
http://www.morrisanimalfoundation.org/researchers/large-animal/  
**Application Due: 7/15/15**
**Orthopaedic Research and Education Foundation**

**2015 Grant Cycle**
OREF supports independent, peer-reviewed musculoskeletal research and education seeking clinically relevant advancements that orthopaedic surgeons can apply in daily practice to improve outcomes and help patients enjoy more of life. Research grant and award recipients are selected through OREF's independent, peer-review process, which is modeled on the process used by the National Institutes of Health. OREF invites applications for funding for qualified, clinically relevant orthopaedic research and education projects as grants and awards are funded.


**Application Due: 9/2/15**

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**DoD**

**DoD Duchenne Muscular Dystrophy Investigator-Initiated Research Award, W81XWH-15-DMDRP-IIRA**

The DMDRP Investigator-Initiated Research Award (IIRA) supports translational research that will accelerate the movement of promising ideas in DMD into clinical applications. Translational research may be defined as an integration of basic science and clinical observations with the specific goal of developing new therapies. While the ultimate goal of translational research is to move an observation forward into clinical application, translational research is most effective as a two-way continuum between the bench and the bedside. Within this continuum, the IIRA supports mid-stage or later translational research projects, including early-phase, proof-of-principle clinical trials and correlative studies to better inform the development of drugs, devices, and other interventions. Research projects may also include preclinical studies utilizing animal models, human subjects, or human anatomical substances. Studies proposed under this award should not include: • Target discovery • Drug screening • Mechanism of action studies • Hypothesis-driven pathophysiology studies.


**Pre-Application Due: 7/22/15**

**Application Due: 10/21/15**

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**DoD**

**DoD Duchenne Muscular Dystrophy Therapeutic Idea Award, W81XWH-15-DMDRP-TIA**

This award mechanism supports conceptually innovative, high-risk/high-reward research that could ultimately lead to critical discoveries or major advancement in DMD therapeutics. Research projects should include a well-formulated, testable hypothesis based on strong scientific rationale. Presentation of preliminary data is not consistent with the intent of the Therapeutic Idea Award mechanism. While the inclusion of preliminary data is not prohibited, the strength of the application should not rely on preliminary data. Innovation and Impact are the most important aspects of the Therapeutic Idea Award.


**Pre-Application Due: 7/22/15**

**Application Due: 10/21/15**
DoD
DoD Duchenne Muscular Dystrophy Translational Leverage Award, W81XWH-15-DMDRP-TLA
This award supports translational research projects leveraging and/or querying existing repositories, registries, and/or clinical trials or clinical studies in order to conduct research in the FY15 DMDRP Focus Areas. Projects may include, but are not limited to, drug and/or device development, novel interventions, resource refinement, database mining, and correlative studies.
http://www.grants.gov/web/grants/view-opportunity.html?oppId=277040
Pre-Application Due: 7/22/15
Application Due: 10/21/15

American Kennel Club Canine Health Foundation
Musculoskeletal Conditions and Disease Research Program RFP
The AKC Canine Health Foundation’s Musculoskeletal Conditions and Disease Research Program supports research aimed at improving the diagnosis, treatment, and prevention of diseases and injuries of the musculoskeletal system and its component tissues.
http://www.akcchf.org/research/application-process/program-area-rfps/musculoskeletal-rfp.html
Application Due: 7/7/15

NERVOUS SYSTEM AND NEUROSCIENCE

DoD
Autism Research Program Clinical Trial Award, W81XWH-15-ARP-CTA
The FY15 ARP Clinical Trial Award seeks applications from all areas in clinical research, and strongly encourages applications that address the critical needs of the ASD community in the following areas:
• Behavioral, cognitive, and other non-pharmacological therapies;
• Pharmacological treatments in autism or well-defined subgroups of autism;
• Dissemination/Implementation of efficacious behavioral interventions (including measures of fidelity and outcomes);
• Therapies to alleviate conditions co-occurring with ASD (e.g., sleep disturbances, gastrointestinal issues, aggression, depression, anxiety)
Pre-Application Due: 6/10/15
Application Due: 7/23/15

DoD
Autism Research Program Idea Development Award, W81XWH-15-ARP-IDA
The ARP Idea Development Award supports the development of innovative, high-risk/high-reward research that could lead to critical discoveries or major advancements that will accelerate progress in improving outcomes for individuals with autism. This award mechanism is designed to support innovative ideas with the potential to yield impactful data and new avenues of investigation.
NIH
NINDS Faculty Development Award to Promote Diversity in Neuroscience Research (K01), PAR-15-257
The purpose of the NINDS Faculty Development Award to Promote Diversity in Neuroscience Research K01 is to diversify the pool of independent neuroscience research investigators and to enhance the opportunity to obtain independent NIH or other independent research support by providing junior faculty with research cost support, protected research time and career stage appropriate professional development mentorship in neuroscience research. Individuals from backgrounds underrepresented in biomedical research are eligible for support under this award if they have doctoral research degrees (Ph.D. or equivalent) and are in the first 3 years of a faculty tenure track or equivalent position at the time of award.
Application Due: 8/4/15; 10/12/15; 2/12/16; 6/12/16; 10/12/16; 2/12/17; 2/12/18; 6/12/17; 10/12/17

NEW INVESTIGATORS

NIH
Grants for Early Medical/Surgical Subspecialists' Transition to Aging Research (GEMSSTAR) (R03), RFA-AG-16-015
The goal of the GEMSSTAR FOA is to provide support for early-stage physician-scientists, trained in medical or surgical specialties, to launch careers as future leaders in research on aging or in geriatrics. To achieve this goal, the GEMSSTAR FOA provides small grants to conduct transdisciplinary research on aging or in geriatrics research that will yield pilot data for subsequent aging- or geriatrics-focused research projects. As part of its focus on facilitating the development of early-stage physician-scientists who will become leaders in research on aging or in geriatrics, the GEMSSTAR FOA seeks to encourage the provision of supportive environments for candidates, and NIA will consider the extent to which a supportive environment is available to candidates in selecting GEMSSTAR candidates.
Application Due: 10/7/15

NIH
Maximizing Investigators' Research Award for New and Early Stage Investigators (R35), RFA-GM-16-003
The Maximizing Investigators' Research Award (MIRA) is a grant to provide support for all of the research in an investigator's laboratory that falls within the mission of NIGMS. The purpose of this FOA is to test the feasibility of this grant mechanism for New and Early Stage Investigators through a pilot program with restricted eligibility.
Application Due: 9/9/15
OCCUPATIONAL HEALTH

DoD
DoD Gulf War Illness Epidemiology Research Award, W81XWH-15-GWIRP-GWIERA
The Gulf War Illness Epidemiology Research Award mechanism is being offered for the first time in FY15. The purpose of this award is to support population-based research to obtain a better understanding of mortality, morbidity, and symptomatology over time in Veterans deployed in the 1990-1991 Persian Gulf War and afflicted by GWI. While individual symptoms experienced by ill Gulf War Veterans can vary from person to person, the types of symptoms reported are comparable and typically include some combination of widespread pain and headaches, fatigue, cognitive impairment, gastrointestinal symptoms, and skin abnormalities. GWI case definitions published to date may be improved through the consideration of additional epidemiological data describing symptom onset, duration, severity, and laboratory findings. The Gulf War Illness Epidemiology Research Award will support hypothesis-driven or discovery-based research into mortality, morbidity, and symptomatology and/or how these have changed or progressed over time in the Gulf War Veteran population compared to rates and patterns of change with time in appropriate control populations.
http://www.grants.gov/web/grants/view-opportunity.html?oppId=276599
Pre-Application Due: 7/9/15
Application Due: 10/29/15

DoD
DoD Gulf War Illness Innovative Treatment Evaluation Award, W81XWH-15-GWIRP-ITEA
The FY15 GWIRP is offering two award mechanisms to evaluate potential interventions for GWI: the Innovative Treatment Evaluation Award and the Clinical Trial Award. The Innovative Treatment Evaluation Award, described in this Program Announcement, supports the initial evaluation of a treatment or intervention in early phase or pilot clinical trials (Phase 0, I, or I/II), and does not require preliminary data. The Innovative Treatment Evaluation Award mechanism supports the early systematic evaluation of innovative interventions with the potential to impact the health and lives of Veterans with GWI.
http://www.grants.gov/web/grants/view-opportunity.html?oppId=276568
Pre-Application Due: 7/9/15
Application Due: 10/29/15

DoD
DoD Gulf War Illness Investigator-Initiated Research Award, W81XWH-15-GWIRP-IIRA
The Investigator-Initiated Research Award is designed to promote new ideas in GWI research and establish proof of principle for further development in future studies. Applications are not required to include preliminary data; however, preliminary data may be used to support the objectives of an application. Applications not supported by preliminary data should be based on sound scientific rationale and may reflect clinical observations or seek to evaluate discoveries made in relation to other chronic multisymptom illnesses for their application in GWI. Regardless of the approach, the focus should be clearly on Veterans with GWI.
http://www.grants.gov/web/grants/view-opportunity.html?oppId=276600
Pre-Application Due: 7/9/15
Application Due: 10/29/15
DoD
DoD Gulf War Illness New Investigator Research Award, W81XWH-15-GWIRP-NIA
intent of the GWIRP New Investigator Award is to support investigators new to the field of GWI research at different stages of career development. This award enables such investigators to compete for funding separately from investigators with established programs of GWI research. Previous experience in GWI research is allowed, but not required. However, Principal Investigators (PIs) with a limited background in GWI research are strongly encouraged to strengthen their applications through collaboration with investigators who are experienced in GWI research and/or possess other relevant expertise.
http://www.grants.gov/web/grants/view-opportunity.html?oppId=276606
Pre-Application Due: 10/15/15
Application Due: 10/29/15

ORTHOPAEDICS

Orthopaedic Research and Education Foundation
2015 Grant Cycle
OREF supports independent, peer-reviewed musculoskeletal research and education seeking clinically relevant advancements that orthopaedic surgeons can apply in daily practice to improve outcomes and help patients enjoy more of life. Research grant and award recipients are selected through OREF’s independent, peer-review process, which is modeled on the process used by the National Institutes of Health. OREF invites applications for funding for qualified, clinically relevant orthopaedic research and education projects as grants and awards are funded.
http://www.oref.org/grants-and-awards/grant-programs
Application Due: 9/2/15
NIH

**Discovery of the Genetic Basis of Structural Birth Defects and of Childhood Cancers: Gabriella Miller Kids First Pediatric Research Program (X01), PAR-15-259**

The NIH invites applications to use whole genome sequencing at an NHGRI-supported sequencing center to investigate the genetic etiology of structural birth defects, and to further elucidate the genetic contribution to childhood cancers and the genomic contributions to treatment failure for childhood sarcomas. These data will become part of a data resource for the pediatric research community. Information from this activity will be used to help design future activities of the Gabriella Miller Kids First (Kids First) Pediatric Research Program.


**Application Due: 7/27/15**

NIH

**Studies at Perivable Gestation (R01), PA-15-200**

This Funding Opportunity Announcement (FOA) focuses on projects that will provide an evidence base to guide therapies and treatment at perivable gestational age for both mothers and their infants.


**Application Due: 10/5/15; 2/5/16; 6/5/16; 10/5/16; 2/5/17; 6/5/17; 10/5/17; 2/5/18; 6/5/18**

NIH

**Studies at Perivable Gestation (R03), PA-15-199**

This Funding Opportunity Announcement (FOA) focuses on projects that will provide an evidence base to guide therapies and treatment at perivable gestational age for both mothers and their infants.


**Application Due: 7/16/15; 11/16/15; 3/16/16; 7/16/16; 11/16/16; 3/16/17; 7/16/17; 11/16/17; 3/16/18; 7/16/18**

NIH

**Studies at Perivable Gestation (R21) , PA-15-198**

The goals of this Funding Opportunity Announcement (FOA) are to focus on projects that will provide an evidence base to guide therapies and treatment at perivable gestational age for both mothers and their infants.


**Application Due: 10/16/15; 2/16/16; 6/16/16; 10/16/16; 2/16/17; 6/16/17; 10/16/17; 2/16/18; 6/16/18**
NIH  
National Centers for Translational Research in Reproduction and Infertility (P50), RFA-HD-16-010  
The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), through the Fertility and Infertility Branch (FIB), provides funding for a limited number of research centers in the reproductive sciences. These centers provide an arena for multidisciplinary interactions among basic and clinical scientists interested in establishing high quality translational research programs in the reproductive sciences. The centers also serve as national resources for the training and career development of young scientists electing to pursue careers conducting research in high priority areas of reproduction and infertility. Finally, center investigators develop and participate in important community outreach and education efforts to increase awareness and convey the importance and implications of their research activities to the general public. Accordingly, the purpose of this FOA is to announce the competition of the National Centers for Translational Research in Reproduction and Infertility (NCTRI), which replaces the Specialized Cooperative Centers Program in Reproduction and Infertility Research (SCCPR) U54 program. The NCTRI will be administered through the Specialized Research Center (P50) award mechanism. These centers will form a national network that facilitates and accelerates bidirectional knowledge transfer between the laboratory and clinic with the ultimate goal of improving human reproductive health through enhanced communication, innovation and research excellence.  
Application Due: 11/12/15

Lalor Foundation  
Reproductive Health Programs  
The Lalor Foundation is accepting applications from programs designed to educate young women about human reproduction in order to broaden and enhance their options in life. Through the Anna Lalor Burdick Program, the foundation seeks to empower young women through education about healthy reproduction in order to broaden and enhance their options in life. The program focuses on young women who have inadequate access to information regarding sexual and reproductive health, including comprehensive and unbiased information on contraception and pregnancy termination.  
http://lalorfound.org/?page_id=221  
Application Due: 11/1/15

RHEUMATIC DISEASES

The Rheumatology Research Foundation  
Scientist Development Award  
The Rheumatology Research Foundation is accepting applications for the 2015 Scientist Development Award, an annual program designed to provide support for a structured, formal, clinical, or basic science research training program for rheumatologists or health professionals in the field of rheumatology.  
http://rheumresearch.org/Awards  
Application Due: 8/3/15
Morris Animal Foundation
The Mark L. Morris, Jr. Investigator Award – Canine Mitral Valve Disease
Morris Animal Foundation is pleased to announce the Mark L. Morris, Jr. Investigator Award to honor the legacy and vision of the son of our founder. The Mark L. Morris, Jr. Investigator Award is designed to support research that will have great impact and make meaningful progress in a chosen area for animal health. The first topic selected for this award is canine mitral valve disease. Of particular interest to the Foundation will be novel and innovative approaches to solving canine mitral valve disease (curing existing disease and/or preventing its occurrence) within the three (3) to four year timeline of this award.
http://www.morrisanimalfoundation.org/researchers/small-animal/
Application Due: 8/19/15

American Kennel Club Canine Health Foundation
Musculoskeletal Conditions and Disease Research Program RFP
The AKC Canine Health Foundation’s Musculoskeletal Conditions and Disease Research Program supports research aimed at improving the diagnosis, treatment, and prevention of diseases and injuries of the musculoskeletal system and its component tissues.
http://www.akcchf.org/research/application-process/program-area-rfps/musculoskeletal-rfp.html
Application Due: 7/7/15

TRANSFORMATIVE

NIH
NIH Transformative Research Awards (R01), RFA-RM-15-005
The NIH Transformative Research Awards complement NIHs traditional, investigator-initiated grant programs by supporting individual scientists or groups of scientists proposing groundbreaking, exceptionally innovative, original and/or unconventional research with the potential to create new scientific paradigms, establish entirely new and improved clinical approaches, or develop transformative technologies. Little or no preliminary data are expected. Projects must clearly demonstrate the potential to produce a major impact in a broad area of biomedical or behavioral research.
Application Due: 10/9/15
NIH
National Centers for Translational Research in Reproduction and Infertility (P50), RFA-HD-16-010
The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), through the Fertility and Infertility Branch (FIB), provides funding for a limited number of research centers in the reproductive sciences. These centers provide an arena for multidisciplinary interactions among basic and clinical scientists interested in establishing high quality translational research programs in the reproductive sciences. The centers also serve as national resources for the training and career development of young scientists electing to pursue careers conducting research in high priority areas of reproduction and infertility. Finally, center investigators develop and participate in important community outreach and education efforts to increase awareness and convey the importance and implications of their research activities to the general public. Accordingly, the purpose of this FOA is to announce the competition of the National Centers for Translational Research in Reproduction and Infertility (NCTRI), which replaces the Specialized Cooperative Centers Program in Reproduction and Infertility Research (SCCPIR) US4 program. The NCTRI will be administered through the Specialized Research Center (P50) award mechanism. These centers will form a national network that facilitates and accelerates bidirectional knowledge transfer between the laboratory and clinic with the ultimate goal of improving human reproductive health through enhanced communication, innovation and research excellence.
Application Due: 11/12/15

DOD
Peer Reviewed Cancer Research Program - Translational Team Science Award, W81XWH-15-PRCRP-TTSA
The FY15 PRCRP Translational Team Science Award (TTSA) is new for FY15 and supports translational correlative studies associated with an existing or completed clinical trial that could lead to a future clinical application or the next-phase clinical trial. The ultimate goal of translational research is to move observations forward into clinical application. The intent of the TTSA is to leverage information from existing or completed clinical trials to address knowledge gaps in resulting outcomes. Studies may involve tissue or biopsy procurement or utilization of existing tissue sources. Of particular interest are studies investigating the differences in prognosis and treatment with respect to primary nodal status and/or the presence of metastatic disease; research on precursor lesions and the relationship to prevention and potential outcomes; investigations into tumor heterogeneity (e.g., genetic, epigenetic, immunological) and its association to the tumor microenvironment; and, studies on patient-reported outcomes and quality of life associated with treatment.
Pre-Application Due: 6/16/15
Application Due: 9/29/15

NIH
Translational Research to Improve Outcomes in Kidney Diseases (R18), RFA-DK-15-009
This Funding Opportunity Announcement (FOA) encourages NIH Research Demonstration and Dissemination Project grant (R18) applications from institutions/organizations to test practical, sustainable, acceptable, and cost efficient adaptations of efficacious strategies or approaches to prevent and treat kidney disease. Research must target the prevention or
improved care of kidney disease, or the prevention or delay of the complications of kidney disease. The approaches tested should have the potential to be widely disseminated to clinical practice, individuals and communities at risk.


Application Due: 11/18/15

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TRAUMA

**DoD**

DoD FY15 Spinal Cord Injury Investigator-Initiated Research Award, W81XWH-15-SCIRP-IIRA

The SCIRP Investigator-Initiated Research Award is intended to support studies that have the potential to make an important contribution to SCI research, patient care, and/or quality of life. The FY15 SCIRP encourages applications that specifically address one or more of the following areas: 1. Pre-hospital, en route care, and early hospital management of SCI 2. Development, validation, and timing of promising interventions to address consequences of SCI and to improve recovery, including, but not limited to: • Bladder, bowel, and autonomic dysfunction • Cardiometabolic dysfunction • Neuropathic pain and sensory dysfunction • Pressure ulcers • Respiratory dysfunction • Sexual dysfunction 3. Identification and validation of best practices in SCI care including but not limited to: • Critical care interventions • Interventions for musculoskeletal health • Rehabilitation interventions • Surgical interventions • Psychosocial and behavioral interventions in military/Veteran populations

http://www.grants.gov/web/grants/view-opportunity.html?oppId=276964

Pre-Application Due: 7/13/15
Application Due: 10/14/15

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DoD

DoD FY15 Spinal Cord Injury Translational Research Award, W81XWH-15-SCIRP-TRA

The SCIRP Translational Research Award is intended to support translational research that will accelerate the movement of promising ideas in spinal cord injury research into clinical applications. Although not all inclusive, some examples include demonstration studies of pharmaceuticals and medical devices in preclinical systems, and/or clinical research on therapeutics, devices, or practice using human tissues or resources.

http://www.grants.gov/web/grants/view-opportunity.html?oppId=276984

Pre-Application Due: 7/13/15
Application Due: 10/14/15
DoD FY15 Vision Prosthesis Pilot Study Award, W81XWH-15-CRMRP-VPPSA

The goal of the FY15 VPPSA is to fund projects exploring novel technologies that will contribute to the development of a working visual prosthesis prototype for individuals who have sustained functional or structural enucleation. Examples of enucleation are severe macular degeneration (functional) and traumatic injury (structural). Development of a visual prosthesis addresses the identified CRMRP gap of inadequate vision restoration options for Wounded Warriors, their dependents, and the public. Specifically, the VPPSA supports the exploration of highly innovative, potentially high-gain concepts, theories, paradigms, and/or methods that address an important problem in the development of a visual prosthesis.

[ hyperlink to grant opportunity ]

Pre-Application Due: 7/8/15
Application Due: 7/22/15

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