

Funding Opportunity Announcements 10.26.16

Campus wide

[Organic Farming Research Foundation \(OFRF\) Invites Proposals for Organic Farming and Food System Research](#)

POSTED: October 20, 2016

DEADLINE: December 10, 2016

Funding Instrument Type: Grant

OFRF provides funding for research on organic farming and food systems and the dissemination of these research results to organic farmers and the greater agricultural and research communities. One-year grants of up to \$15,000 are available for research projects related to small grain production, especially research related to creating a diverse rotational system; soil health; social science research, including understanding the challenges confronting and solutions for new organic farmers and ranchers and producers transitioning to organic systems; and animal production, especially breeding for organic systems, disease management and pasture management. Proposals must involve farmers or ranchers in project design and implementation and must take place on certified organic land, ideally on working organic farms or ranches. Applicants should articulate how the proposed research project will foster the improvement or adoption of organic farming systems, as well as the ways in which organic farmers or ranchers can use proposed results in their operations. Research projects must include strong education and outreach components and contain measurable objectives.

[Dept. of Energy \(DOE\), Golden Field Office: Scaling Up the Next Generation of Building Efficiency Packages](#)

POSTED: October 19, 2016

DEADLINE: Concept Papers due November 21, 2016; full applications due February 21, 2017

Funding Instrument Type: Cooperative Agreement

DOE seeks proposals that drive innovation in real building technology demonstrations while also fostering the collaboration of dynamic demonstration teams that include energy organizations (states, local governments or Regional Energy Efficiency Organizations), efficient building hubs (such as Innovation or Incubator hubs), utilities, and building energy modeling professionals. This FOA builds off of current laboratory and simulation analysis of technology packages by investing in real building demonstrations led by strategically structured teams who will identify and verify multi-system energy efficiency packages (groups of technologies that improve efficiency across two building systems: envelope, lighting/electrical, plug, process, heating, ventilation, cooling, refrigeration, energy management and information, sensors and controls). Projects selected through this funding opportunity will prime the market for the adoption of emerging and underutilized technology packages and create new synergies between building stakeholder groups, and/or, ultimately help utilities develop and release or expand more aggressive and ambitious Energy Efficiency (EE) program offerings. This FOA also supports the critical function of evaluation, measurement and verification (EM&V) by using existing DOE tools and resources to: 1) identify the most

impactful multi-system packages, 2) develop the preliminary savings calculations, 3) collect data to verify package performance along with other market factors in real buildings, and 4) foster more consistent energy efficiency programs across the country.

NC Center for Health & Wellness; Athletics

[Saucony Run for Good Foundation Seeks Proposals for Youth Running Program](#)

POSTED: October 17, 2016

DEADLINE: December 15, 2016

Funding Instrument Type: Fellowship

The Saucony Run for Good Foundation is committed to informing the public about the cause and prevention of childhood obesity and provides funding to optimize the impact and success of community organizations that promote running and healthy lifestyle programs for youth. To that end, grants of up to \$10,000 will be awarded in support of running programs that encourage active and healthy lifestyles in youth age 18 and younger.

Humanities

[Asian Cultural Council Invites Applications for 2017 Grants](#)

POSTED: October 20, 2016

DEADLINE: December 2, 2016

Funding Instrument Type: Fellowship

The Asian Cultural Council awards fellowship grants to artists and scholars in three categories of cross-cultural exchange: Asia to the United States, the United States to Asia, and inter-Asia. The council is inviting proposals from individuals who exhibit an abiding passion and interest in cultural exchange between the United States and the countries of Asia, as well as among the countries in Asia. Each year, the council funds about a hundred established masters and rising stars in fields such as archeology, architecture (design, theory, and history), art history, arts administration, arts criticism, choreography, composition, conceptual art, conservation, crafts, dance, design (noncommercial), film making, installation art, literature, museology, music, new media, painting, photography, printmaking, sculpture, theater, video art, video conservation, and work that defies categorization.

[Kress Foundation Invites Applications for Scholarly European Art Projects](#)

POSTED: October 21, 2016

DEADLINE: January 15, 2017

Funding Instrument Type: Grant

The Samuel H. Kress Foundation is accepting applications from nonprofit organizations for its History of Art grant program from scholarly projects that can enhance the appreciation and understanding of European art and architecture. Grants are awarded to support projects that create and disseminate specialized knowledge, including archival projects, development and dissemination of scholarly databases, documentation projects, museum exhibitions and publications, photographic campaigns, scholarly catalogs and publications, and technical and scientific studies. The program also supports activities that permit art historians to share their expertise through

international exchanges, professional meetings, conferences, symposia, consultations, the presentation of research, and other professional events. In previous years, grant amounts have ranged from \$1,000 to \$100,000.

Social Sciences

[Citizens United for Research in Epilepsy \(CURE\) Invites Applications for Innovative Epilepsy Research](#)

POSTED: October 15, 2016

DEADLINE: Letters of Intent due November 16, 2016; upon review, selected applicants will be invited to submit a full application by January 6, 2017.

Funding Instrument Type: Grant

The 2017 CURE Innovator Award program supports the exploration of a highly innovative, often risky new concept or untested theory that addresses an important problem relevant to epilepsy. Research projects must reflect ideas substantially different from those being pursued by anyone in the epilepsy research field. The program is not intended to support the logical progression of an already established research project but, instead, allows principal investigators the opportunity to pursue radically unconventional, paradigm-shifting hypotheses. Seed grants will be awarded for projects with the potential to provide new directions for epilepsy disease modifying therapies, prevention and, ultimately, a cure. CURE encourages studies that may not be currently fundable by other agencies or other mechanisms because of their preliminary, innovative, and/or unconventional nature.

[Epilepsy Foundation Invites Entries for 2017 'Shark Tank' Competition](#)

POSTED: October 16, 2016

DEADLINE: November 28, 2016 (Letters of Intent)

The Epilepsy Foundation has announced its fourth annual epilepsy “Shark Tank” competition for the most innovative ideas in epilepsy research and seizure treatment and care. Some examples of novel ideas include a system to detect seizures with the capacity to provide early warning to the patient or family; a treatment that stops a seizure from progressing; a system that helps patients manage their daily treatment; a device that prevents physical injury patients may experience when in seizure; or an entirely new product concept with the promise to dramatically improve the lives of people with epilepsy. Selected finalists will receive international recognition and compete for grants totaling \$200,000 to support the development and commercialization of important new products, technologies, or therapeutic concepts. As many as six finalists will be selected to present at the 2017 Antiepileptic Drug and Device Trials Conference (Aventura, Florida, May 17-19, 2017). To be eligible, applicants must demonstrate an ability to move the proposed plan to completion and show how the prize can accelerate any step along the path to market. Inventors who submitted an idea for a previous Shark Tank competition are encouraged to re-submit their ideas if substantial progress has been made.

[Dept. of State, Bureau of Educational and Cultural Affairs: FY 2017 Southeast Asia Youth Leadership Program \(SEAYLP\)](#)

POSTED: October 25, 2016

DEADLINE: November 29, 2016

Funding Instrument Type: Cooperative Agreement

The Office of Citizen Exchanges, Youth Programs Division, of the Bureau of Educational and Cultural Affairs announces an open competition for the FY 2017 Southeast Asia Youth Leadership Program, pending the availability of funds.

Organizations may submit proposals to conduct a three-week, U.S.-based youth leadership program in April 2017 for 60 youth and adult mentors from the ten member states of the Association of Southeast Asian Nations. Exchange activities will focus on civic education, leadership, diversity, and community engagement and address ways youth can unite around their common goals and lead inclusive change in their communities. Individual or small group follow-on projects in the home communities of the exchange alumni will complete the program.

[Foundation for Physical Medicine & Rehabilitation Accepting Applications for Mid-Career Research Grant](#)

POSTED: October 18, 2016

DEADLINE: December 1, 2016

Funding Instrument Type: Grant

Through this program, a single grant of \$20,000 will be awarded to a research project in the area of physical medicine and rehabilitation by an established investigator with a track record of success. The annual award is designed to help the researcher extend his/her work in a new direction. Eligible applicants include any physiatrist or faculty member in a division or department of physical medicine and rehabilitation who is at least five and not more than twenty years post-completion of a terminal degree and subsequent training program. Applicants must be able to demonstrate a history of successful research experience. Special consideration will be given to proposals that meet the foundation's goal of driving the evidence base for cost-effective, results-oriented rehabilitative care.

[Glenn Foundation/American Federation Seeks LOIs for Breakthroughs in Gerontology Awards](#)

POSTED: October 20, 2016

DEADLINE: Letters of Intent due December 15, 2016; upon review, selected applicants will be invited to submit a full application.

Funding Instrument Type: Grant

The American Federation for Aging Research, in partnership with the Glenn Foundation for Medical Research, is seeking Letters of Intent for the 2016 Breakthroughs in Gerontology Awards, an annual program that provides timely support to a small number of research projects that are building on early discoveries which show translational potential for clinically relevant strategies, treatments, and therapeutics in the areas of human aging and health span. Two grants of up to \$200,000 over two years will be awarded for translational studies involving human subjects, human cells and tissues, and mice and other mammals. Priority will be given to proposals that have near-term potential for translation.

[Dept. of State, Bureau of Democracy, Human Rights and Labor: Promoting Resilient Communities in Nigeria and Kenya](#)

POSTED: October 21, 2016

DEADLINE: December 16, 2016

Funding Instrument Type: Grant

The U.S. Department of State, Bureau of Democracy, Human Rights and Labor (DRL) announces an open competition for organizations interested in submitting applications for projects that support the DRL policy goal to mitigate threats of violent extremism in Nigeria and Kenya by promoting community resilience and empowering youth leaders to recognize and prevent violence committed by groups such as Boko Haram and Al Shabaab.

[Dept. of State, Bureau of Democracy, Human Rights and Labor \(DRL\): Strengthening Civil Society in Sri Lanka](#)

POSTED: October 24, 2016

DEADLINE: December 19, 2016

Funding Instrument Type: Grant

DRL seeks proposals for programs that strengthen the capacity of civil society organizations to influence and monitor the role of the government at all levels in areas that support good governance and protect fundamental freedoms while emphasizing inclusivity and non-violence.

[Dept. of State, Bureau of Democracy, Human Rights and Labor \(DRL\): Strengthening Independent Media in Bangladesh](#)

POSTED: October 24, 2016

DEADLINE: December 19, 2016

Funding Instrument Type: Grant

DRL requests proposals for programs that foster media independence, strengthen the capacity of independent media in the area of investigative journalism, and increase safety and support for journalists in Bangladesh.

[Dept. of State, Bureau of Democracy, Human Rights and Labor \(DRL\): DRL Programs to Promote Religious Freedom](#)

POSTED: October 21, 2016

DEADLINE: December 21, 2016

Funding Instrument Type: Grant

The U.S. Department of State, Bureau of Democracy, Human Rights and Labor (DRL) announces an open competition for organizations interested in submitting applications for projects that support policy objective to promote international religious freedom.

[Dept. of State, Bureau of Democracy, Human Rights and Labor \(DRL\): Supporting Justice Sector Reform in Tunisia](#)

POSTED: October 21, 2016

DEADLINE: December 22, 2016

Funding Instrument Type: Grant

The U.S. Department of State Bureau of Democracy, Human Rights and Labor (DRL) announces an open competition for organizations interested in submitting applications for projects that increase transparency of and accountability within the judicial process in Tunisia. DRL seeks to support projects that will enhance ongoing justice sector reforms in Tunisia by supporting civilian capacity to understand, oversee, and engage in these efforts. Programs will promote accountability in the judicial sector by strengthening the ability of key justice actors to collaborate and engage effectively on both the demand and supply sides.

[National Institutes of Health \(NIH\): Nicotinic Immune Modulation in the Presence of HIV-1 Infection \(R01\)](#)

POSTED: October 19, 2016

DEADLINE: January 17, 2017

Funding Instrument Type: Grant

The FOA encourages the submission of research project applications to determine nicotine's modulatory effects on peripheral and central immune system functions in the presence of HIV-1 infection. Specifically, NIDA is particularly interested in projects exploring the ability of nicotine to produce anti-inflammatory and protective effects, and the translational potential of the new knowledge in attenuating HIV-induced pathologies and HIV-associated CNS complications such as neurological/cognitive disorders.

[National Institutes of Health \(NIH\): Systems Biology Approaches to Alzheimers Disease Using Non-mammalian Laboratory Animals \(R01\)](#)

POSTED: October 21, 2016

DEADLINE: January 18, 2017

Funding Instrument Type: Grant

The National Institute on Aging is seeking applications to develop systems biology approaches to understand the basic biology underpinning neurodegeneration which might ultimately contribute to Alzheimer's disease or related dementias, using non-mammalian laboratory animal models. It is expected that research carried under the auspices of this FOA will lead to discovery of new mechanisms that provoke neurodegeneration and to new molecular pathways that might be involved in causing, amplifying or protecting against neurodegeneration. Applications should propose to use established non-mammalian laboratory animals which have a history of contributions to our understanding of neurobiology or aging biology.

[National Institutes of Health \(NIH\): BRAIN Initiative: Proof of Concept Development of Early Stage Next Generation Human Brain Imaging \(R01\)](#)

POSTED: October 21, 2016

DEADLINE: January 20, 2017

Funding Instrument Type: Grant

This funding opportunity announcement (FOA), in support of the NIH Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative, aims to support early stage development of entirely new and novel noninvasive human brain imaging

technologies and methods that will lead to transformative advances in our understanding of the human brain. The FOA solicits unusually bold and potentially transformative approaches and supports small scale, proof of concept development based on exceptionally innovative, original and/or unconventional concepts.

[National Institutes of Health \(NIH\): BRAIN Initiative: Research on the Ethical Implications of Advancements in Neurotechnology and Brain Science \(R01\)](#)

POSTED: October 21, 2016

DEADLINE: January 30, 2017

Funding Instrument Type: Grant

This funding opportunity announcement (FOA), in support of the NIH Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative, is one of several FOAs aimed at supporting transformative discoveries that will lead to breakthroughs in understanding human brain function. Guided by the long-term scientific plan, BRAIN 2025: A Scientific Vision, this FOA specifically seeks to support efforts addressing core ethical issues associated with research focused on the human brain and resulting from emerging technologies and advancements in research and development supported by the BRAIN Initiative. The hope is that efforts supported under this FOA might be both complimentary and integrative with the transformative, breakthrough discoveries being supported through the BRAIN Initiative.

[National Institutes of Health \(NIH\): Exosomes: From Biogenesis and Secretion to the Early Pathogenesis of Alzheimer's Disease \(R01\)](#)

POSTED: October 25, 2016

DEADLINE: February 3, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) invites innovative research focused on understanding the role of exosome biogenesis and secretion in modulating and propagation of early pathogenesis in sporadic and late-onset Alzheimers disease (AD). Specifically, this FOA encourages collaborative approaches designed to identify and characterize the regulation of molecular machines that are responsible for exosome biogenesis and the secretion of exosomal cargo molecules in AD.

[National Institutes of Health \(NIH\): Improving Quality of Care and Quality of Life for Persons with Alzheimers Disease and Related Dementias at the End of Life \(R01\)](#)

POSTED: October 21, 2016

DEADLINE: February 5, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) invites applications that address clinical and translational research gaps in the study of end-of-life care needs in order to improve quality of life at the end of life of people with Alzheimers disease and related dementias (ADRD) and their families. Research that either employs (a) secondary analysis of existing data from longitudinal cohort studies or from administrative records or (b) primary data collection for Stage I behavioral intervention development is particularly encouraged.

[National Institutes of Health \(NIH\): Common Mechanisms and Interactions Among Neurodegenerative Diseases \(R01\)](#)

POSTED: October 21, 2016

DEADLINE: February 5, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) encourages preclinical and clinical research to study whether, and how, different neurodegenerative disease processes interact with one another to initiate and/or hasten progression of neuropathology and dementia.

[National Institutes of Health \(NIH\): Dynamic Interactions between Systemic or Non-Neuronal Systems and the Brain in Aging and in Alzheimers Disease \(R01\)](#)

POSTED: October 21, 2016

DEADLINE: February 5, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) encourages research projects on the role of aging-related changes in systemic, peripheral, and/or non-neuronal factors individually or in combination to the pathogenesis, presentation, and/or progression of Alzheimers disease (AD). The goal of this FOA is to support innovative multidisciplinary research that will integrate the AD science with the basic biology of aging and clinical aging research. Successful studies may identify critical processes and pathophysiological pathways to inform novel prevention or intervention strategies for AD and other dementias of aging. Successful applications will likely involve a broad range of expertise including the biology of aging, geriatrics/gerontology, neurodegenerative diseases, and other clinical and translational specialties focused on systemic diseases or specific tissue/organ pathophysiology to identify interrelationships among peripheral systems and the brain.

[National Institutes of Health \(NIH\): Role of Age-Associated Metabolic Changes in Alzheimer's Disease \(AD\) \(R01\)](#)

POSTED: October 25, 2016

DEADLINE: February 5, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) encourages innovative experimental approaches to explore the molecular and cellular bases for age-related change in metabolism that impact the development of Alzheimer's disease (AD).

[National Institutes of Health \(NIH\): Translational Bioinformatics Approaches to Advance Drug Repositioning and Combination Therapy Development for Alzheimers Disease \(R01\)](#)

POSTED: October 25, 2016

DEADLINE: February 5, 2017

Funding Instrument Type: Grant

This funding opportunity invites applications that integrate the use of computational approaches to identify individual drugs currently used for other conditions with potential to be efficacious in Alzheimers Disease (AD) or AD-related dementias (as single drugs or as drug combinations) with proof-of-concept efficacy studies in cell-based models, animal models and/or humans.

[National Institutes of Health \(NIH\): Integrative Research to Understand the Impact of Sex Differences on the Molecular Determinants of Alzheimer's disease \(AD\) Risk and Responsiveness to Treatment \(R01\)](#)

POSTED: October 25, 2016

DEADLINE: February 5, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) invites applications that apply a cross-disciplinary, team science approach to gain comprehensive, mechanistic understanding of the impact of sex differences on the trajectories of brain aging and phenotypes of Alzheimer's disease (AD) risk and on the responsiveness to pharmacologic and non-pharmacologic interventions.

[National Institutes of Health \(NIH\): Brain Lymphatic System in Aging and Alzheimer's Disease \(R01\)](#)

POSTED: October 21, 2016

DEADLINE: February 9, 2017

Funding Instrument Type: Grant

The goal of this Funding Opportunity Announcement (FOA) is to support research that will lead to a greater understanding of complex mechanisms by which the brain glymphatic system and meningeal and peripheral lymphatic systems change in normal and pathological brains. This knowledge is critical to determine whether a functional impairment or disruption of these systems may be involved in neurological disorders that are associated with immune system dysfunction, such as Alzheimers disease.

[National Institutes of Health \(NIH\): Human Cell Biology of Genetic Variants in Alzheimer's Disease \(R01\)](#)

POSTED: October 21, 2016

DEADLINE: February 10, 2017

Funding Instrument Type: Grant

The goal of this Funding Opportunity Announcement (FOA) is to establish functional genotype-phenotype relationships of genetic variants, suspected of altering the risk of Alzheimers disease (AD), in neural cells using human induced pluripotent stem cells or other human cell reprogramming approaches. The causal linkage of AD-associated genetic variants identified in genome-wide association studies and genome sequencing studies to molecular and biological cell phenotypes in human neural cells is expected to give greater insight into molecular targets contributing to the etiology of AD.

[National Institutes of Health \(NIH\): Understanding the Effects of ApoE2 on the Interaction between Aging and Alzheimers Disease \(R01\)](#)

POSTED: October 25, 2016

DEADLINE: February 10, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) invites applications on descriptive, basic and translational studies of the human apolipoprotein E gene (APOE2) to delineate the functional effects of ApoE2 on healthy aging of the brain and other tissues. The primary focus is on the "APOE2Aging-AD" relationship and the mechanistic effects of the protective variant on aging and potential interaction/cross talk between tissues in the aging process and AD. These studies are expected to generate new mechanistic insights that involve brain and/or other organs and assist in the identification of potential prognostic and diagnostic markers and therapeutic targets for AD and other age-related cognitive disorders. Eventually, the findings from these studies could lead to translational research opportunities not only to prevent or delay the onset of AD, but also to protect against multiple age-related conditions.

[National Institutes of Health \(NIH\): Improving Quality of Care and Quality of Life for Persons with Alzheimers Disease and Related Dementias at the End of Life \(R03\)](#)

POSTED: October 21, 2016

DEADLINE: February 16, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) invites applications that propose analysis of secondary data, to address clinical and translational gaps in the study of end-of-life care needs of people with Alzheimer's disease or related dementias (ADRD) and their families. Research projects involving secondary analysis of existing data from longitudinal cohort studies or from administrative records are particularly encouraged.

Natural Sciences

[Citizens United for Research in Epilepsy \(CURE\) Invites Applications for Innovative Epilepsy Research](#)

POSTED: October 15, 2016

DEADLINE: Letters of Intent due November 16, 2016; upon review, selected applicants will be invited to submit a full application by January 6, 2017.

Funding Instrument Type: Grant

The 2017 CURE Innovator Award program supports the exploration of a highly innovative, often risky new concept or untested theory that addresses an important problem relevant to epilepsy. Research projects must reflect ideas substantially different from those being pursued by anyone in the epilepsy research field. The program is not intended to support the logical progression of an already established research project but, instead, allows principal investigators the opportunity to pursue radically unconventional, paradigm-shifting hypotheses. Seed grants will be awarded for projects with the potential to provide new directions for epilepsy disease modifying therapies, prevention and, ultimately, a cure. CURE encourages studies that may not be currently fundable by other agencies or other mechanisms because of their preliminary, innovative, and/or unconventional nature.

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[Foundation for Physical Medicine & Rehabilitation Accepting Applications for Mid-Career Research Grant](#)

POSTED: October 18, 2016

DEADLINE: December 1, 2016

Funding Instrument Type: Grant

Through this program, a single grant of \$20,000 will be awarded to a research project in the area of physical medicine and rehabilitation by an established investigator with a track record of success. The annual award is designed to help the researcher extend his/her work in a new direction. Eligible applicants include any physiatrist or faculty member in a division or department of physical medicine and rehabilitation who is at least five and not more than twenty years post-completion of a terminal degree and subsequent training program. Applicants must be able to demonstrate a history of successful research experience. Special consideration will be given to proposals that meet the foundation’s goal of driving the evidence base for cost-effective, results-oriented rehabilitative care.

[American Association for Cancer Research \(AACR\) Accepting Applications for Neuroendocrine Tumor Research](#)

POSTED: October 17, 2016

DEADLINE: December 13, 2016

Funding Instrument Type: Grant

Two-year grants of up to \$250,000 will be awarded to independent junior and senior investigators to develop and study new ideas and innovative approaches that have direct application and relevance to neuroendocrine tumors. Research may be in any basic, translational, clinical, or epidemiological cancer research discipline. Applications

are invited from researchers currently in the field, as well as from investigators with experience in other areas of cancer or biomedical research who have promising ideas or approaches that they will directly apply to carcinoid tumors or pancreatic neuroendocrine tumors. Investigators who have powerful experimental tools that can lead to a better understanding of neuroendocrine tumor biology, elucidate the mechanisms of currently available therapies for neuroendocrine tumors, and/or identify new treatment targets for carcinoid tumors or pancreatic neuroendocrine tumors are encouraged to apply.

[Glenn Foundation/American Federation Seeks LOIs for Breakthroughs in Gerontology Awards](#)

POSTED: October 20, 2016

DEADLINE: Letters of Intent due December 15, 2016; upon review, selected applicants will be invited to submit a full application.

Funding Instrument Type: Grant

The American Federation for Aging Research, in partnership with the Glenn Foundation for Medical Research, is seeking Letters of Intent for the 2016 Breakthroughs in Gerontology Awards, an annual program that provides timely support to a small number of research projects that are building on early discoveries which show translational potential for clinically relevant strategies, treatments, and therapeutics in the areas of human aging and health span. Two grants of up to \$200,000 over two years will be awarded for translational studies involving human subjects, human cells and tissues, and mice and other mammals. Priority will be given to proposals that have near-term potential for translation.

[National Institutes of Health \(NIH\): Stimulating Peripheral Activity to Relieve Conditions \(SPARC\): Pre-clinical Development of Existing Market-approved Devices to Support New Market Indications \(U18\)](#)

POSTED: October 19, 2016

DEADLINE: December 21, 2016

Funding Instrument Type: Cooperative Agreement

This Funding Opportunity Announcement (FOA) is part of the Stimulating Peripheral Activity to Relieve Conditions (SPARC) Common Fund program. This FOA invites applications exclusively for non-clinical tests in animal models to obtain safety and efficacy data that support new market indications for a limited set of neuromodulation devices. Partnering companies have agreed to provide neuromodulation technology to investigators supported by the SPARC program. Pre-clinical developments supported by this FOA are expected to generate the necessary safety and efficacy evidence to enable an Investigational Device Exemption (IDE) submission for a future pilot clinical study.

[Whitehall Foundation Invites LOIs for Bioscience Research Projects](#)

POSTED: October 21, 2016

DEADLINE: Letters of Intent due January 15, 2017; upon review, selected applicants will be invited to submit a full application by June 1, 2017.

Funding Instrument Type: Grant

The Whitehall Foundation assists scholarly research in the life sciences through its research grants and grants-in-aid programs. It is the foundation's policy to support those dynamic areas of basic biological research that are not heavily supported by federal agencies or other foundations with specialized missions. The foundation emphasizes the support of young scientists at the beginning of their careers and productive senior scientists who wish to move into new fields of interest. 1) Research: Research grants of up to \$225,000 over three years will be awarded to established scientists of all ages working at an accredited institution in the United States. Grants will not be awarded to investigators who have already received, or expect to receive, substantial support from other sources, even if it is for an unrelated purpose. 2) Grants-in-Aid: One-year grants of up to \$30,000 will be awarded to researchers at the assistant professor level who experience difficulty in competing for research funds because they have not yet become firmly established. Grants-in-Aid can also be made to senior scientists.

[National Institutes of Health \(NIH\): Nicotinic Immune Modulation in the Presence of HIV-1 Infection \(R01\)](#)

POSTED: October 19, 2016

DEADLINE: January 17, 2017

Funding Instrument Type: Grant

The FOA encourages the submission of research project applications to determine nicotine's modulatory effects on peripheral and central immune system functions in the presence of HIV-1 infection. Specifically, NIDA is particularly interested in projects exploring the ability of nicotine to produce anti-inflammatory and protective effects, and the translational potential of the new knowledge in attenuating HIV-induced pathologies and HIV-associated CNS complications such as neurological/cognitive disorders.

[National Institutes of Health \(NIH\): Systems Biology Approaches to Alzheimers Disease Using Non-mammalian Laboratory Animals \(R01\)](#)

POSTED: October 21, 2016

DEADLINE: January 18, 2017

Funding Instrument Type: Grant

The National Institute on Aging is seeking applications to develop systems biology approaches to understand the basic biology underpinning neurodegeneration which might ultimately contribute to Alzheimer's disease or related dementias, using non-mammalian laboratory animal models. It is expected that research carried under the auspices of this FOA will lead to discovery of new mechanisms that provoke neurodegeneration and to new molecular pathways that might be involved in causing, amplifying or protecting against neurodegeneration. Applications should propose to use established non-mammalian laboratory animals which have a history of contributions to our understanding of neurobiology or aging biology.

[National Institutes of Health \(NIH\): BRAIN Initiative: Proof of Concept Development of Early Stage Next Generation Human Brain Imaging \(R01\)](#)

POSTED: October 21, 2016

DEADLINE: January 20, 2017

Funding Instrument Type: Grant

This funding opportunity announcement (FOA), in support of the NIH Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative, aims to support early stage development of entirely new and novel noninvasive human brain imaging technologies and methods that will lead to transformative advances in our understanding of the human brain. The FOA solicits unusually bold and potentially transformative approaches and supports small scale, proof of concept development based on exceptionally innovative, original and/or unconventional concepts.

[Dept. of the Interior, Fish and Wildlife Service: Wildlife Without Borders – Africa Program](#)

POSTED: October 20, 2016

DEADLINE: January 22, 2017

Funding Instrument Type: Cooperative Agreement

Central Africa is a globally important region for forest and biodiversity conservation. The U.S. Fish and Wildlife Service (USFWS) works closely with national governments, U.S. agencies, and a range of other partners to ensure a strategic, results-based approach to wildlife conservation in the region. In collaboration with U.S. Agency for International Development's (USAID) Central Africa Regional Program for the Environment (CARPE), USFWS is providing this funding opportunity to reduce threats to key wildlife populations, and to develop the requisite individual and institutional conservation capacity to undertake long-term conservation programs. Funding will only be considered for projects that impact wildlife populations in the following countries: Burundi, Cameroon, Chad, Central African Republic, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Republic of Congo, Rwanda, and São Tomé and Príncipe

[National Institutes of Health \(NIH\): BRAIN Initiative: Research on the Ethical Implications of Advancements in Neurotechnology and Brain Science \(R01\)](#)

POSTED: October 21, 2016

DEADLINE: January 30, 2017

Funding Instrument Type: Grant

This funding opportunity announcement (FOA), in support of the NIH Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative, is one of several FOAs aimed at supporting transformative discoveries that will lead to breakthroughs in understanding human brain function. Guided by the long-term scientific plan, BRAIN 2025: A Scientific Vision, this FOA specifically seeks to support efforts addressing core ethical issues associated with research focused on the human brain and resulting from emerging technologies and advancements in research and development supported by the BRAIN Initiative. The hope is that efforts supported under this FOA might be both complimentary and integrative with the transformative, breakthrough discoveries being supported through the BRAIN Initiative.

[Centers for Disease Control & Prevention: Creation of a Healthcare-Associated Infectious Disease Modeling Network to Improve Prevention Research and Healthcare Delivery](#)

POSTED: October 21, 2016

DEADLINE: January 31, 2017

Funding Instrument Type: Cooperative Agreement

The purpose of this project is to support innovative transmission modeling research that will expand knowledge and develop tools to better understand the spread of healthcare-associated infections (HAIs), particularly those that are resistant to antimicrobials. This includes the creation of a new network of multidisciplinary scientists conducting computational and mathematical research to improve the ability to prepare for, detect, control, and prevent the growing problem of HAIs in the United States, particularly HAIs involving antimicrobial resistant pathogens.

[Dept. of Health & Human Services, Food & Drug Administration \(FDA\): Clinical Studies of Safety and Effectiveness of Orphan Products Research Project Grant \(R01\)](#)

POSTED: Updated October 19, 2016

DEADLINE: February 1, 2017

Funding Instrument Type: Grant

The goal of FDA's Office of Orphan Products Development (OPD) grant program is to support the clinical development of products for use in rare diseases or conditions where no current therapy exists or where the product being developed will be superior to the existing therapy. FDA provides grants for clinical studies on safety and/or effectiveness that will either result in, or substantially contribute to, market approval of these products. Applicants must include in the application's Background and Significance section documentation to support the assertion that the orphan disease or condition to be studied is a "rare disease or condition" and an explanation of how the proposed study will either help support product approval or provide essential data needed for product development.

[National Institutes of Health \(NIH\): Exosomes: From Biogenesis and Secretion to the Early Pathogenesis of Alzheimer's Disease \(R01\)](#)

POSTED: October 25, 2016

DEADLINE: February 3, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) invites innovative research focused on understanding the role of exosome biogenesis and secretion in modulating and propagation of early pathogenesis in sporadic and late-onset Alzheimers disease (AD). Specifically, this FOA encourages collaborative approaches designed to identify and characterize the regulation of molecular machines that are responsible for exosome biogenesis and the secretion of exosomal cargo molecules in AD.

[National Institutes of Health \(NIH\): Addressing Health Disparities in NIDDK Diseases \(R01\)](#)

POSTED: October 19, 2016

DEADLINE: February 5, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) invites research projects to improve understanding of the causes of high priority diseases in the United States and reducing/eliminating health disparities. Research is encouraged in the following high priority diseases within the scientific mission areas of the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK): diabetes; obesity; nutrition-related disorders; hepatitis C; gallbladder disease; H. Pylori infection; sickle cell disease, specifically, studies in complications of sickle cell disease within the NIDDK mission areas; kidney diseases; urologic diseases; hematologic diseases, including studies in abnormal hemoglobin synthesis; metabolic diseases; gastrointestinal, hepatic, and renal complications from infection with HIV. Clinical trials are not permitted in response to this FOA.

[National Institutes of Health \(NIH\): Improving Quality of Care and Quality of Life for Persons with Alzheimers Disease and Related Dementias at the End of Life \(R01\)](#)

POSTED: October 21, 2016

DEADLINE: February 5, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) invites applications that address clinical and translational research gaps in the study of end-of-life care needs in order to improve quality of life at the end of life of people with Alzheimers disease and related dementias (ADRD) and their families. Research that either employs (a) secondary analysis of existing data from longitudinal cohort studies or from administrative records or (b) primary data collection for Stage I behavioral intervention development is particularly encouraged.

[National Institutes of Health \(NIH\): Common Mechanisms and Interactions Among Neurodegenerative Diseases \(R01\)](#)

POSTED: October 21, 2016

DEADLINE: February 5, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) encourages preclinical and clinical research to study whether, and how, different neurodegenerative disease processes interact with one another to initiate and/or hasten progression of neuropathology and dementia.

[National Institutes of Health \(NIH\): Dynamic Interactions between Systemic or Non-Neuronal Systems and the Brain in Aging and in Alzheimers Disease \(R01\)](#)

POSTED: October 21, 2016

DEADLINE: February 5, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) encourages research projects on the role of aging-related changes in systemic, peripheral, and/or non-neuronal factors individually or in combination to the pathogenesis, presentation, and/or progression of

Alzheimer's disease (AD). The goal of this FOA is to support innovative multidisciplinary research that will integrate the AD science with the basic biology of aging and clinical aging research. Successful studies may identify critical processes and pathophysiological pathways to inform novel prevention or intervention strategies for AD and other dementias of aging. Successful applications will likely involve a broad range of expertise including the biology of aging, geriatrics/gerontology, neurodegenerative diseases, and other clinical and translational specialties focused on systemic diseases or specific tissue/organ pathophysiology to identify interrelationships among peripheral systems and the brain.

[National Institutes of Health \(NIH\): Role of Age-Associated Metabolic Changes in Alzheimer's Disease \(AD\) \(R01\)](#)

POSTED: October 25, 2016

DEADLINE: February 5, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) encourages innovative experimental approaches to explore the molecular and cellular bases for age-related change in metabolism that impact the development of Alzheimer's disease (AD).

[National Institutes of Health \(NIH\): Translational Bioinformatics Approaches to Advance Drug Repositioning and Combination Therapy Development for Alzheimer's Disease \(R01\)](#)

POSTED: October 25, 2016

DEADLINE: February 5, 2017

Funding Instrument Type: Grant

This funding opportunity invites applications that integrate the use of computational approaches to identify individual drugs currently used for other conditions with potential to be efficacious in Alzheimer's Disease (AD) or AD-related dementias (as single drugs or as drug combinations) with proof-of-concept efficacy studies in cell-based models, animal models and/or humans.

[National Institutes of Health \(NIH\): Integrative Research to Understand the Impact of Sex Differences on the Molecular Determinants of Alzheimer's disease \(AD\) Risk and Responsiveness to Treatment \(R01\)](#)

POSTED: October 25, 2016

DEADLINE: February 5, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) invites applications that apply a cross-disciplinary, team science approach to gain comprehensive, mechanistic understanding of the impact of sex differences on the trajectories of brain aging and phenotypes of Alzheimer's disease (AD) risk and on the responsiveness to pharmacologic and non-pharmacologic interventions.

[National Institutes of Health \(NIH\): Brain Lymphatic System in Aging and Alzheimer's Disease \(R01\)](#)

POSTED: October 21, 2016

DEADLINE: February 9, 2017

Funding Instrument Type: Grant

The goal of this Funding Opportunity Announcement (FOA) is to support research that will lead to a greater understanding of complex mechanisms by which the brain glymphatic system and meningeal and peripheral lymphatic systems change in normal and pathological brains. This knowledge is critical to determine whether a functional impairment or disruption of these systems may be involved in neurological disorders that are associated with immune system dysfunction, such as Alzheimers disease.

[National Institutes of Health \(NIH\): Human Cell Biology of Genetic Variants in Alzheimer's Disease \(R01\)](#)

POSTED: October 21, 2016

DEADLINE: February 10, 2017

Funding Instrument Type: Grant

The goal of this Funding Opportunity Announcement (FOA) is to establish functional genotype-phenotype relationships of genetic variants, suspected of altering the risk of Alzheimers disease (AD), in neural cells using human induced pluripotent stem cells or other human cell reprogramming approaches. The causal linkage of AD-associated genetic variants identified in genome-wide association studies and genome sequencing studies to molecular and biological cell phenotypes in human neural cells is expected to give greater insight into molecular targets contributing to the etiology of AD.

[National Institutes of Health \(NIH\): Understanding the Effects of ApoE2 on the Interaction between Aging and Alzheimers Disease \(R01\)](#)

POSTED: October 25, 2016

DEADLINE: February 10, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) invites applications on descriptive, basic and translational studies of the human apolipoprotein E gene (APOE2) to delineate the functional effects of ApoE2 on healthy aging of the brain and other tissues. The primary focus is on the "APOE2Aging-AD" relationship and the mechanistic effects of the protective variant on aging and potential interaction/cross talk between tissues in the aging process and AD. These studies are expected to generate new mechanistic insights that involve brain and/or other organs and assist in the identification of potential prognostic and diagnostic markers and therapeutic targets for AD and other age-related cognitive disorders. Eventually, the findings from these studies could lead to translational research opportunities not only to prevent or delay the onset of AD, but also to protect against multiple age-related conditions.

[National Institutes of Health \(NIH\): Improving Quality of Care and Quality of Life for Persons with Alzheimers Disease and Related Dementias at the End of Life \(R03\)](#)

POSTED: October 21, 2016

DEADLINE: February 16, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) invites applications that propose analysis of secondary data, to address clinical and translational gaps in the study of end-of-life care needs of people with Alzheimer's disease or related dementias (ADRD) and their families. Research projects involving secondary analysis of existing data from longitudinal cohort studies or from administrative records are particularly encouraged.

[National Institutes of Health \(NIH\): Powering Research through Innovative Methods for mixtures in Epidemiology \(PRIME\) \(R01\)](#)

POSTED: October 19, 2016

DEADLINE: February 22, 2017

Funding Instrument Type: Grant

The purpose of this Funding Opportunity Announcement (FOA) is to stimulate the development of innovative statistical, data science, or other quantitative approaches to studying the health effects of complex chemical mixtures in environmental epidemiology.

[National Institutes of Health \(NIH\): Circadian Mechanisms Contributing to Obesity, Diabetes Metabolism, and Underlying Heart, Lung, and Blood Disorders \(R01\)](#)

POSTED: October 25, 2016

DEADLINE: March 14, 2017

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) invites applications for clinical research to elucidate circadian-dependent mechanisms contributing to the pathophysiology of human obesity, diabetes-related metabolism, obesity-coupled risks for heart, lung, and blood disease, and the identification of novel therapies to improve circadian rhythm for primary or secondary prevention of obesity-associated disease risks. Multi-disciplinary, multiple-investigator teams proposing mechanistic clinical studies to elucidate the relationship of circadian rhythm to causal pathways of disease are encouraged. Studies of epidemiological risk and clinical trials to assess therapeutic efficacy, effectiveness, or implementation are outside the scope of this program.