Dear Colleagues,

LSU has been successful in securing large center-type grants from federal agencies including the National Institutes of Health (NIH), the National Science Foundation (NSF), the Department of Energy (DoE), and other federal agencies. I briefly discuss here existing NIH-funded centers at LSU.

- **The Louisiana Biomedical Research Network (LBRN)** (PI: Thomas C Klei) recently received an $18.3 million award for its fourth five-year phase from the National Institute of General Medical Sciences. LBRN promotes and provides funding opportunities for quality biomedical research activities throughout the State of Louisiana with an emphasis on building research capacity and workforce development in primarily undergraduate institutions.
- **The LSU-Tulane Center for Experimental Infections Disease Research (CEIDR)** (PI: Gus Kousoulas) was established as an NIH NCRR-supported Center of Biomedical Research Excellence (COBRE) in 2004 and recently received $5.5 million for its third five-year phase.
- **The LSU Superfund Research Program** is a $14.3 million National Institute of Environmental Health Science grant focused on the study of environmentally persistent free radicals. The center will be competing for a second five-year phase next year.

The Office of Research Advancement (ORA) is eager to help faculty submit multidisciplinary center-type grants to federal agencies. Visit the [ORA website](mailto:research@lsu.edu) for more information or to request proposal development support.

Best,

K. Gus Kousoulas
Associate Vice President for Research & Economic Development (STEM)
When limited submission programs come to the attention of ORED at LSU, the relevant program data is posted on our website and forwarded through our newsletter. ORED requires an internal Notice of Intent (NOI) for all limited submission programs. An NOI may be submitted by clicking here. An internal review will be held if the number of NOIs exceeds the funding agency organizational limit. Should a researcher identify a limited opportunity of interest that has not yet been announced by ORED, it is the responsibility of the researcher to notify ORED by submitting a Notice of Intent.

For more information about the limited submission process, visit the Limited Submissions Guidelines page.

Upcoming Limited Submission Deadlines:

**Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE: GEOPATHS)**

Deadlines:
- Internal Notice of Intent: 6/15/2015
- Internal Preproposals: 6/22/2015
- NSF Letter of Intent (required): 8/14/2015
- NSF Proposal Deadline: 10/5/2015

**Advancing Digitization of Biodiversity Collections (ADBC)**

Deadlines:
- Internal Notice of Intent: 6/15/2015
- Internal Preproposals: 6/22/2015
- NSF Proposal Deadline: 10/16/2015

**Pathway to Stop Diabetes Research Awards**

Deadline:
Due to the short deadline, applicants will be selected on a first to notify basis.
- Sponsor Deadline: 7/1/2015

**Research Experiences for Teachers (RET) in Engineering and Computer Science**

Deadlines:
- Internal Notice of Intent: 6/29/2015
- Internal Preproposal: 7/6/2015
- NSF Proposal Deadline: 11/2/2015

**NEH Summer Stipends**

Deadlines:
- Internal Notices of Intent: 7/31/2015
- Internal Preproposal: 8/7/2015
- NEH Proposal Deadline: 10/1/2015
Funding Opportunity Announcements

Peer Reviewed Medical Research Program
Clinical Trial Award

The PRMRP Clinical Trial Award supports the rapid implementation of clinical trials with the potential to have a significant impact on a disease or condition addressed in at least one of the Congressionally directed FY15 PRMRP Topic Areas. Clinical trials may be designed to evaluate promising new products, pharmacologic agents (drugs or biologics), devices, clinical guidance, and/or emerging approaches and technologies. Proposed projects may range from small proof-of-concept trials to demonstrate feasibility or inform the design of more advanced trials (e.g., pilot, first in human, Phase 0), through large-scale trials to determine efficacy in relevant patient populations. All studies must be responsive to the healthcare needs of the military Service members, Veterans, and/or beneficiaries; however, the use of military or Veteran populations is not required.

Closing date for pre-application: June 18, 2015

Prostate Cancer Research Program Exceptional Responders Award

This 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. It is expected that inclusion and exclusion criteria for identifying Exceptional Responders, including the specific type of therapy/therapies being addressed, will be clearly defined in the application. The PCRP encourages inclusion of any form of prostate cancer therapy that produces a disparate response in treated patients, although projects addressing exceptional responses to androgen deprivation therapies are particularly encouraged.

Closing date for pre-application: June 25, 2015

Prostate Cancer Research Program Impact Award

The Impact Award is intended to support research that demonstrates the potential to have a major impact on an area of paramount importance in prostate cancer. It is the responsibility of the Principal Investigator (PI) to clearly and explicitly describe the potential impact on prostate cancer and to convey its level of significance. Applicants are highly encouraged to address one of the PCRP overarching challenges, and are expected to address at least one of the PCRP focus areas which include research scope; data and research resource sharing plan; optional PI partnering; and more.

Closing date for pre-application: June 25, 2015

Peer Reviewed Medical Research Program
Discovery Award

The intent of the PRMRP Discovery Award is to support innovative, untested, high-risk/potentially high-reward research that will provide new insights, paradigms, technologies, or applications. Studies supported by this award are expected to lay the groundwork for future avenues of scientific investigation. The proposed research project should
include a well-formulated, testable hypothesis based on a sound scientific rationale and study design.

Closing date for pre-application: June 25, 2015

**Gulf War Illness Epidemiology Research Award**

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.

Closing date for pre-application: July 9, 2015

**Autism Research Program - Clinical Trial Award**

The ARP Clinical Trial Award supports research with the potential to have a major impact on the treatment or management of ASD. Funding from this award mechanism must support a clinical trial and may not be used for preclinical research studies. A clinical trial is defined as a prospective accrual of human subjects where an intervention (e.g., device, drug, biologic, surgical procedure, rehabilitative modality, behavioral intervention, or other) is tested on a human subject for a measurable outcome with respect to exploratory information, safety, effectiveness, and/or efficacy.

Closing date for pre-application: June 10, 2015

**Autism Research Program - Idea Development Award**

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. A statistical plan is an important aspect of the FY15 Idea Development Award to demonstrate the significance of any research outcomes or findings. Past experimental research in the ASD research field or in other developmental disorders is crucial to the FY15 ARP Idea Development Award and will be evaluated in the selection process.

Closing date for pre-application: June 10, 2015

**Neurofibromatosis Research Program Exploration - Hypothesis Development Award**

The NFRP Exploration - Hypothesis Development Award supports the initial exploration of innovative, high-risk, high-gain, and potentially groundbreaking concepts in NF research. Studies supported by this award mechanism are expected to lay the groundwork for future avenues of scientific investigation. The proposed research project should include a well-formulated, testable hypothesis based on strong scientific rationale and study design. The presentation of preliminary and/or published data is encouraged, but not required.

Closing date for pre-application: July 10, 2015

**Neurofibromatosis Research Program Investigator-Initiated Research Award**

The NFRP Investigator-Initiated Research Award supports highly rigorous, high-impact research projects that have the potential to make an important contribution to NF research and/or patient care. Research projects may focus on any phase of research, excluding clinical trials. The rationale for a research idea may be derived from laboratory
discovery, population-based studies, a clinician's firsthand knowledge of patients, or anecdotal data. Applications must include preliminary and/or published data that is relevant to NF and the proposed research project.

Closing date for pre-application: July 10, 2015

**Neurofibromatosis Research Program New Investigator Award**

The intent of the NFRP New Investigator Award is to support the continued development of promising independent investigators and/or the transition of established investigators from other research fields into a career in the field of NF research. Prior experience in NF research is not required. However, Principal Investigators (PIs) with a limited background in NF research are strongly encouraged to have a collaborator who is experienced in the NF field. Research projects may focus on any phase of research, excluding clinical trials. Applications must include preliminary and/or published data that is relevant to NF and the proposed research project.

Closing date for pre-application: July 10, 2015

**Tuberous Sclerosis Complex Research Program Exploration - Hypothesis Development Award**

The EHDA supports the initial exploration of innovative, high-risk, high-gain, and potentially groundbreaking concepts in the TSC research field. The studies supported by this award mechanism are expected to lay the groundwork for future avenues of scientific investigation. The proposed research project should include a well-formulated, testable hypothesis based on strong scientific rationale and study design.

Closing date for pre-application: July 10, 2015

**Tuberous Sclerosis Complex Research Program Idea Development Award**

The IDA promotes new ideas that are in the early stages of development and have the potential to yield high-impact findings and new avenues of investigation. This award mechanism supports conceptually innovative, high-risk/potentially high-reward research that could ultimately lead to critical discoveries in TSC research and/or improvements in patient care. Research projects should include a well-formulated, testable hypothesis based on strong scientific rationale.

Closing date for pre-application: July 10, 2015

**Tuberous Sclerosis Complex Research Program Pilot Clinical Trial Award**

The PCTA mechanism supports exploratory studies involving limited human exposure that produce diagnostic or therapeutic information, safety, and tolerability studies and studies to determine the mechanism of action. These studies should be aimed at obtaining preliminary data leading to the development of interventions, as well as clinical biomarkers, with the potential to improve TSC outcomes. Preclinical studies will not be supported by this mechanism.

Closing date for pre-application: July 10, 2015

**Neurofibromatosis Research Program Clinical Trial Award**

The NFRP Clinical Trial Award supports research with the potential to have a major impact on the treatment or management of NF. Clinical trials may be designed to evaluate promising new products, pharmacologic agents (drugs or biologics), devices, clinical guidance, and/or emerging approaches and technologies. Proposed projects may range from small proof-of-concept (i.e., pilot, first in human, or Phase 0) trials to demonstrate feasibility or inform the design of more advanced trials, through large-scale trials to determine efficacy in relevant patient populations.

Closing date for pre-application: July 10, 2015

**Spinal Cord Injury Research Program Clinical Trial Award**

The SCIRP Clinical Trial Award supports human subjects research with the potential to have a major impact on the treatment or management of SCI and
its consequences in military Service members, Veterans, or other individuals. Funding from this award mechanism must support a clinical trial and may not be used for preclinical research studies.

Closing date for pre-application: July 13, 2015

**Spinal Cord Injury Research Program Investigator-Initiated Research Award**

Investigator-Initiated Research Award applications may focus on any phase of research from basic through translational, including preclinical studies in animal models or human subjects, as well as correlative studies associated with an existing clinical trial.

Closing date for pre-application: July 13, 2015

**Spinal Cord Injury Research Program Qualitative Research Award**

The intent of the Qualitative Research Award is to support qualitative research studies that will help researchers and clinicians better understand the experiences of individuals with SCI and thereby identify the most effective paths for adjusting to disability and/or improving overall quality of life, health, and functional status after SCI. This mechanism is specifically focused on military and Veteran populations in the years after SCI, examining the issues, barriers, and promoters of success for Service members during the transition from initial injury and acute care through rehabilitation and community reintegration; therefore, collaboration with military and VA researchers and clinicians is encouraged.

Closing date for pre-application: July 13, 2015

**Spinal Cord Injury Research Program Translational Research Award**

The ultimate goal of translational research is to move an observation forward into clinical application and accelerate the clinical introduction of health care products, technologies or practice guidelines. However, Principal Investigators (PIs) should not view translational research as a one-way continuum from bench to bedside. The research plan must involve a reciprocal flow of ideas and information between basic and clinical science.

Closing date for pre-application: July 13, 2015

**Prostate Cancer Research Program Dr. Barbara Terry-Koroma Health Disparity Research Award**

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. Applicants for this award must explicitly state how the proposed research is related to an area of prostate cancer health disparity.

Closing date for pre-application: July 16, 2015

**Lung Cancer Research Program Concept Award**

The goal of the FY15 LCRP is to eradicate deaths from lung cancer to better the health and welfare of military Service members, Veterans, their families, and the American public. As such, the LCRP will support and integrate research from multiple disciplines for risk assessment, prevention, early detection, diagnosis, and treatment for the control and cure of lung cancer.

Closing date for pre-application: July 28, 2015

**Prostate Cancer Research Program Physician Research Training Award**

The Physician Research Training Award supports a mentored training experience to prepare physicians with clinical duties and/or responsibilities for productive careers in prostate cancer research. This award emphasizes equally the quality of both the research and the training proposed. The trainee is considered the Principal Investigator (PI) of the application. All applications for the Physician
Research Training Award are to be written by the PI, with appropriate direction from the mentor(s). The PI must demonstrate a commitment to a career as an investigator at the forefront of prostate cancer research and clinical practice; however, the PI is not required to have previous prostate cancer research experience. Applications must include a robust description of an individualized, prostate cancer-focused training plan that will provide the PI with experience in key areas relevant to the proposed work and will foster the PI's development as a prostate cancer researcher.

Closing date for pre-application: July 30, 2015

Prostate Cancer Research Program Postdoctoral Training Award

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. Applications must include at least one mentor, appropriate to the proposed training and research project, who has experience in prostate cancer research and training as demonstrated by a record of active funding, recent publications, and successful mentorship. The selected mentor(s) should demonstrate a clear commitment to the PI's training and be well qualified to contribute significantly to the development of the PI toward independence as a prostate cancer researcher.

Closing date for pre-application: July 30, 2015

Gulf War Illness Research Program New Investigator Award

The 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. It is the PI's responsibility to describe how the collaboration(s) will augment his/her ability to address the research question.

Closing date for application: October 15, 2015

Partnerships for Innovation: Accelerating Innovation Research - Technology Translation (PFI: AIR-TT)

The NSF Partnerships for Innovation (PFI) program within the Division of Industrial Innovation and Partnerships (IIP) is an umbrella for two complementary subprograms, Accelerating Innovation Research (AIR) and Building Innovation Capacity (BIC). Overall, the PFI program offers opportunities to connect new knowledge to societal benefit through translational research efforts and/or partnerships that encourage, enhance and accelerate innovation and entrepreneurship. The subject of this solicitation is PFI: AIR-Technology Translation (PFI: AIR-TT). The PFI: AIR-TT solicitation serves as an early opportunity to move previously NSF-funded research results with promising commercial potential along the path toward commercialization. Projects are supported to demonstrate proof-of-concept, prototype, or scale-up while engaging faculty and students in entrepreneurial/innovative thinking.

Deadlines:
Closing date for Letter of Intent: September 8, 2015
Closing date for Full Proposal: October 9, 2015
Closing date for Letter of Intent: March 1, 2016
Closing date for Full Proposal: April 1, 2016

Secure and Trustworthy Cyberspace (SaTC)

This challenge requires a dedicated approach to research, development, and education that lever-
ages the disciplines of mathematics and statistics, the social sciences, and engineering together with the computing, communications and information sciences. The Secure and Trustworthy Cyberspace (SaTC) program welcomes proposals that address cybersecurity from: a Trustworthy Computing Systems (TWC) perspective and/or a Social, Behavioral and Economic Sciences (SBE) perspective; the Secure, Trustworthy, Assured and Resilient Semiconductors and Systems (STARSS) perspective; or the Transition to Practice (TTP) perspective.

Deadlines:
Closing date for medium projects: Sept. 24, 2015
Closing date for large projects: Nov. 4, 2015
Closing date for small projects: Dec. 16, 2015

**Bridging Cultures through Film: International Topics**
Division of Public Programs

The Division of Public Programs encourages innovative nonfiction storytelling that presents multiple points of view in creative formats. At the center of every NEH-funded film is a core set of humanities ideas developed with the input of scholars, matched to imaginative formats that bring the humanities alive for people of all ages and all walks of life. The proposed film must be analytical and deeply grounded in humanities scholarship. It may be as short as thirty minutes or as long as a feature-length film.

Closing date for application: June 10, 2015

**Digital Projects for the Public**
Division of Public Programs

Digital platforms—such as websites, mobile applications and tours, interactive touch screens and kiosks, games, and virtual environments—can reach diverse audiences and bring the humanities to life for the American people. The program offers three levels of support for digital projects: grants for Discovery projects (early-stage planning work), Prototyping projects (proof-of-concept development work), and Production projects (end-stage production and distribution work). While projects can take many forms, shapes, and sizes, your request should be for an exclusively digital project or for a digital component of a larger project.

Closing date for application: June 10, 2015

**Humanities Open Book Program**
Office of the Digital Humanities
Andrew W. Mellon Foundation

NEH and Mellon are soliciting proposals from academic presses, scholarly societies, museums, and other institutions that publish books in the humanities to participate in the Humanities Open Book Program. Applicants will provide a list of previously published humanities books along with brief descriptions of the books and their intellectual significance. Depending on the length and topics of the books, the number to be digitized may vary. However, NEH and Mellon anticipate that applicants may propose to digitize a total that ranges from less than fifty to more than one hundred books. Awards will be given to digitize these books and make them available as Creative Commons-licensed “ebooks” that can be read by the public at no charge on computers, mobile devices, and ebook readers. The final ebook files must be in EPUB version 3.0.1 (or later) format, to ensure that the text is fully searchable and reflowable and that fonts are resizeable on any e-reading device.

Closing date for application: June 10, 2015

**Humanities in the Public Square**
Division of Public Programs

The Humanities in the Public Square program, a key part of the Common Good initiative, welcomes projects addressing a significant humanities theme that is important to a particular community, region, or state. The theme may be based on one of the questions above or it may address another significant public issue that is informed by the humanities in ways that will appeal to public audiences and concerns.

Closing date for applications: June 24, 2015
Research and Development
Division of Preservation and Access

The Research and Development program supports projects that address major challenges in preserving or providing access to humanities collections and resources. These challenges include the need to find better ways to preserve materials of critical importance to the nation’s cultural heritage—from fragile artifacts and manuscripts to analog recordings and digital assets subject to technological obsolescence—and to develop advanced modes of organizing, searching, discovering, and using such materials.

Closing date for application: June 25, 2015

Common Heritage
Division of Preservation and Access

The program supports day-long events organized by community cultural institutions, which members of the public will be invited to attend. At these events experienced staff will digitize the community historical materials brought in by the public. Project staff will also record descriptive information—provided by community attendees—about the historical materials. Contributors will be given a free digital copy of their items to take home, along with the original materials. With the owner’s permission, digital copies of these materials would be included in the institutions’ collections. Historical photographs, artifacts, documents, family letters, art works, and audiovisual recordings are among the many items eligible for digitization and public commemoration.

Closing date for application: June 25, 2015

Humanities Initiatives at Hispanic-Serving Institutions
Division of Education Programs

NEH Humanities Initiatives at Hispanic-Serving Institutions are intended to strengthen the teaching and study of the humanities in subjects such as history, philosophy, and literature. These grants may be used to enhance existing humanities programs, resources, or courses, or to develop new ones.

Closing date for application: June 25, 2015

Announcements for May 29, 2015

Notices
Clarifying Publication Reporting Instructions for Research Performance Progress Reports (RPPR) and Renewal Applications (NOT-OD-15-091) National Institutes of Health

Notice of Clarification on Research Objectives in RFA-AI-15-020 “NIH-PEPFAR Collaboration on Implementation Science for HIV: Towards an AIDS-free Generation (R01)” (NOT-AI-15-034) National Institute of Allergy and Infectious Diseases; National Institute on Alcohol Abuse and Alcoholism; Eunice Kennedy Shriver National Institute of Child Health and Human Development; National Institute on Drug Abuse; National Institute of Mental Health; National Institute of Nursing Research

Notice of Clarification on Research Objectives in RFA-AI-15-021 “NIH-PEPFAR Collaboration on Implementation Science for HIV: Towards an AIDS-free Generation (R21)” (NOT-AI-15-036) National Institute of Allergy and Infectious Diseases; National Institute on Alcohol Abuse and Alcoholism; Eunice Kennedy Shriver National Institute of Child Health and Human Development; National Institute on Drug Abuse; National Institute of Mental Health; National Institute of Nursing Research

Notice of Discontinuation of the Funding Opportunity Announcement for PAR-14-075 “Research Centers for Pharmacogenomics in Precision Medicine (P50)” (NOT-GM-15-117) National Institute of General Medical Sciences

Important Information Regarding AHRQ Only Non-competing Awards Converted to a Payment Management System Subaccount in FY 2015 (NOT-HS-15-009) Agency for Healthcare Research and Quality

Notice of Corrections to PAR-15-172 : Collaborative Innovation Award, Clinical and Translational Science Award (CTSA) Program (U01) (NOT-TR-15-012) National Center for Advancing Translational Sciences
Requests for Applications

Collaborative Networks to Advance Delirium Research (R24) (RFA-AG-16-009)
National Institute on Aging
Application Receipt Date(s): January 12, 2016

Mucosal Immunology Studies Team (MIST) (U01) (RFA-AI-15-023)
National Institute of Allergy and Infectious Diseases
Application Receipt Date(s): October 20, 2015

Harnessing Genome Editing Technologies to Functionally Validate Genetic Variants in Substance Use Disorders (R21/R33) (RFA-DA-16-004)
National Institute on Drug Abuse
Application Receipt Date(s): August 25, 2015

SBIR E-learning for HAZMAT and Emergency Response (R43/R44) (RFA-ES-15-008)
National Institute of Environmental Health Sciences
Application Receipt Date(s): July 31, 2015

Food and Drug Administration
Application Receipt Date(s): July 01, 2015

Smokeless Tobacco Reference Products (UC2) (RFA-FD-15-026)
Food and Drug Administration
U.S. Food and Drug Administration, Center for Tobacco Products
Application Receipt Date(s): July 31, 2015

Program Announcements

Behavioral Epigenomics of Aging in Twin Studies (U24) (RFA-AG-16-007)
National Institute on Aging
Application Receipt Date(s): January 14, 2016

Grants for Early Medical/Surgical Subspecialists’ Transition to Aging Research (GEMSSTAR) (R03) (RFA-AG-16-015)
National Institute on Aging
Application Receipt Date(s): October 07, 2015

Asthma and Allergic Diseases Cooperative Research Centers (U19) (RFA-AI-15-032)
National Institute of Allergy and Infectious Diseases
Application Receipt Date(s): October 02, 2015

Tools and Services for Designing Methodologically Rigorous Animal Studies (R41/R42) (RFA-DA-16-002)

Requests for Applications

Collaborative Networks to Advance Delirium Research (R24) (RFA-AG-16-009)
National Institute on Aging
Application Receipt Date(s): January 12, 2016

Mucosal Immunology Studies Team (MIST) (U01) (RFA-AI-15-023)
National Institute of Allergy and Infectious Diseases
Application Receipt Date(s): October 20, 2015

Harnessing Genome Editing Technologies to Functionally Validate Genetic Variants in Substance Use Disorders (R21/R33) (RFA-DA-16-004)
National Institute on Drug Abuse
Application Receipt Date(s): August 25, 2015

SBIR E-learning for HAZMAT and Emergency Response (R43/R44) (RFA-ES-15-008)
National Institute of Environmental Health Sciences
Application Receipt Date(s): July 31, 2015

Food and Drug Administration
Application Receipt Date(s): July 01, 2015

Smokeless Tobacco Reference Products (UC2) (RFA-FD-15-026)
Food and Drug Administration
U.S. Food and Drug Administration, Center for Tobacco Products
Application Receipt Date(s): July 31, 2015

Program Announcements

Behavioral Epigenomics of Aging in Twin Studies (U24) (RFA-AG-16-007)
National Institute on Aging
Application Receipt Date(s): January 14, 2016

Grants for Early Medical/Surgical Subspecialists’ Transition to Aging Research (GEMSSTAR) (R03) (RFA-AG-16-015)
National Institute on Aging
Application Receipt Date(s): October 07, 2015

Asthma and Allergic Diseases Cooperative Research Centers (U19) (RFA-AI-15-032)
National Institute of Allergy and Infectious Diseases
Application Receipt Date(s): October 02, 2015

Tools and Services for Designing Methodologically Rigorous Animal Studies (R41/R42) (RFA-DA-16-002)
Innovator Awards for Investigators in Hydrocephalus Therapeutics Research
The Hydrocephalus Association

The Hydrocephalus Association is soliciting applications from investigators for Innovator Awards to be used for understanding disease mechanisms and the identification and pre-clinical testing of therapies to prevent or reverse all forms of hydrocephalus. The goal of this initiative is to provide seed funding for bold and innovative research with the potential to transform the field of hydrocephalus through the understanding of disease mechanisms and the development of novel therapies. This award is not intended to support human trials, the development of medical devices, instrumentation, or other commercial applications, nor is it intended to support the development of new animal or ex vivo models of hydrocephalus for the purpose of future research.

Closing date for application: June 7, 2015

Global Health Security Partner Engagement: Expanding Efforts and Strategies to Protect and Improve Public Health Globally
Department of Health and Human Services Centers for Disease Control and Prevention

This Funding Opportunity Announcement (FOA) supports the implementation of programs and activities that focus on protecting and improving health globally through regional, national, and local partnerships. Its purpose is to support immediate response efforts for the current Ebola outbreak, other infectious disease outbreaks or health threats, and Public Health Emergencies of International Concern (PHEICs). It is intended to build capacities to prevent, detect, respond, and control infectious disease outbreaks, PHEICs, and other health threats.

Closing date for application: June 10, 2015

National Fish Habitat Action Plan
Department of the Interior Fish and Wildlife Service

The National Fish Habitat Action Plan is a national investment strategy to leverage federal and privately raised funds to protect, restore and enhance the nation’s fish and aquatic habitats through partnerships.

Closing date for application: June 10, 2015

Data Synthesis Grants – Award Year 2015
Gulf Research Program

The Program seeks applications for activities that integrate or synthesize existing data from different sources that, analyzed together, may provide additional insights, address important questions, or lead to new approaches to interpreting monitoring data. Proposed projects could use synthesized data to develop new models, or the synthesized data could be incorporated into an existing modeling framework to inform restoration and maintenance of ecosystem services or to enhance understanding of the Deep
Gulf or the connectivity of the Deep Gulf to the coast (see bullets above). Data sources could include the public, private, non-profit and academic sectors.

Closing date for letter of intent: June 15, 2015  
Closing date for application: July 31, 2015

**Women and Minorities in Science, Technology, Engineering, and Mathematics Fields Program (WAMS)**  
US Department of Agriculture  
National Institute of Food and Agriculture

NIFA requests applications for the Women and Minorities in Science, Technology, Engineering and Mathematics Fields Program (WAMS) for FY 2015 to support research and Extension activities that increase the number of women and underrepresented minorities from rural areas who will pursue and complete a postsecondary degree in science, technology, engineering or mathematics (STEM) disciplines.

Closing date for application: June 15, 2015

**Exploratory/Developmental Bioengineering Research Grants (EBRG) (PA-12-284)**  
Department of Health and Human Services

The purpose of this FOA is to encourage Exploratory/Developmental Bioengineering Research Grants (EBRG) applications which establish the feasibility of technologies, techniques or methods that: 1) explore a unique multidisciplinary approach to a biomedical challenge; 2) are high-risk but have a considerable pay-off; and 3) develop data which can lead to significant future research. An EBRG application may propose hypothesis-driven, discovery-driven, developmental, or design-directed research and is appropriate for evaluating unproven approaches for which there is minimal data.

Closing date for application: June 16, 2015

**Career Catalyst Research Grants**  
Susan G. Komen

CCR grants provide support for hypothesis-driven research projects that have significant potential to advance our understanding of breast cancer, lead to reductions in breast cancer incidence and/or mortality, and move us toward the goal of a world without breast cancer. There are two opportunities: CCR-Clinical Research – for clinical faculty proposing clinical research (as defined within the RFA); and CCR-Basic/Translational Research – for basic or clinical faculty proposing laboratory-based biomedical research.

Closing date for pre-application: June 17, 2015  
Closing date for full application: Nov. 9, 2015

**Postdoctoral Fellowship Grants**  
Susan G. Komen

PDF grants seek to attract and support promising scientists who are embarking on careers dedicated to breast cancer research. PDF grants provide support for basic research projects that have significant potential to advance our understanding of breast cancer, lead to reductions in breast cancer incidence and/or mortality, and move us toward the goal of a world without breast cancer. There are two opportunities: PDF-Clinical Research – for clinical faculty proposing clinical research (as defined within the RFA); and PDF-Basic/Translational Research – for basic or clinical faculty proposing laboratory-based biomedical research.

Closing date for pre-application: June 17, 2015  
Closing date for full application: Nov. 9, 2015

**Graduate Training in Disparities Research Grants**  
Susan G. Komen

GTDR Grants are intended to establish and/or to sustain a training program for graduate students who are seeking careers dedicated to understanding and eliminating disparities in breast cancer outcomes across population groups. By providing funding to outstanding training programs, Komen seeks to ensure that a diverse pool of highly trained scientists will emerge as the next generation of leaders in the field of breast cancer research focused on disparities in breast cancer outcomes.

Closing date for pre-application: June 17, 2015  
Closing date for full application: Nov. 9, 2015
**Community Policing Development (CPD)**
Community Oriented Policing Services
Department of Justice
The 2015 CPD Program is a competitive grant program designed to advance the practice of community policing in law enforcement agencies through training and technical assistance, the development of innovative community policing strategies, applied research, guidebooks, and best practices that are national in scope. The COPS Office, a federal provider of innovative, customer-focused resources that address the continuing and emerging needs of those engaged in enhancing public safety through community policing, has designed the CPD solicitation to address critical topics in the law enforcement field by building on the principles of community policing.

Closing date for application: June 19, 2015

**National Bio- and Agrodefense Facility Transition Research Project**
Department of the Interior

The goal of the NBAF Transition Research project is to solicit and fund innovative research proposals to further efforts to combat new threats and eradicate existing threats by providing critical knowledge; developing and testing in the field new surveillance, screening and diagnostic tools; and exploring novel approaches to vaccination against emerging, zoonotic and transboundary animal diseases. This effort will result in more reliable and accurate information to inform domestic response and global eradication efforts; less laboratory time for results or reliable, highly specific pen-side tools; better guidance for decisions during an outbreak and ultimately a minimization of the threat and potential for economic damage to the U.S. livestock industry and food supply from an outbreak of emerging, zoonotic or transboundary animal disease.

Closing date for application: June 29, 2015

**E.I. DuPont Graduate Fellowship**
DuPont

The DuPont company is also proud to continue this 20 year history of diversity programming and relations with NOBCChE in its commitment to highlight the accomplishments of minority students and professionals. NOBCChE is currently seeking applicants for the 2015 E.I. DuPont Graduate Fellowship. Applicants must currently be a Ph.D. Candidate in Chemical Engineering or Chemistry with emphasis on Biochemical Engineering, Biochemistry, and Biotechnology.

Closing date for application: June 30, 2015

**National Innovative Research Grant**
American Heart Association

To support highly innovative, high-risk, high-reward research that could ultimately lead to critical discoveries or major advancements that will accelerate the field of cardiovascular and stroke research. Research deemed innovative may introduce a new paradigm, challenge current paradigms, look at existing problems from new perspectives, or exhibit other uniquely creative qualities.

Closing date for application: July 21, 2015

**Regional Coastal Resilience Grants Program 2015**
Department of Commerce

The purpose of this notice is to solicit proposals from eligible entities to develop or implement activities that build resilience of coastal regions, communities, and economic sectors to the negative impacts from extreme weather events, climate hazards, and changing ocean conditions. Successful applicants will develop proposals that plan or implement actions that mitigate the impacts of these environmental drivers on overall resilience, including economic and environmental resilience.

Closing date for applications: July 24, 2015

**Research on Innovative Approaches to Fusion Energy Sciences**
Department of Energy - Office of Science
Office of Science

The Office of Fusion Energy Sciences (FES) of the Office of Science (SC), U.S. Department of Energy (DOE), hereby announces its interest in receiving grant applications for research on innovative approaches to fusion energy on the spherical tokamak,
advanced tokamak, and stellarator concepts. Such research on small to medium scale facilities can explore specific aspects of these concepts, thereby enhancing the understanding of magnetically confined plasmas. By broadening the scientific approach, this research can also help to grow and validate fusion science over a wider range of plasma conditions and enhance the opportunity for scientific discovery in toroidal confinement.

Closing date for application: August 3, 2015

**Technologies Directed at Capturing Carbon Dioxide from Low Concentration Sources to Support the Coal Industry**
Department of Energy
National Energy Technology Laboratory

Applications are sought for cost effective Carbon Dioxide CO2 capture or conversion solutions for coal-relevant applications are part of an all-of-the-above climate strategy. Proposed technologies should mitigate CO2 from coal-relevant gases with CO2 concentrations of <1 vol percent at the lab-scale (or larger if the work can be done within the prescribed budget), on simulated gas. Applications will need to demonstrate that a current Technology Readiness Level of 3 (i.e., active research and development initiated, including analytical and lab-scale studies) has been achieved, while also highlighting the size and relevance of the targeted low concentration market.

Closing date for application: August 3, 2015

**Nuclear Science and Engineering Nonproliferation Research Consortium**
Department of Energy
NNSA

The intent of this Funding Opportunity Announcement (FOA) is to award a five year cooperative agreement to a consortium of accredited U.S. Colleges and Universities. This cooperative agreement will allow the universities to receive and administer research and development funding awarded by the U.S. Department of Energy (DOE), National Nuclear Security Administration (NNSA), Office of Defense Nuclear Nonproliferation Research and Development (DNN R&D).

Closing date for application: August 12, 2015

**Postdoctoral Program in Environmental Chemistry**
The Camille and Henry Dreyfus Foundation

This foundation seeks to further the development of scientific leadership in the field of environmental chemistry with a postdoctoral fellowship program. The Postdoctoral Program in Environmental Chemistry provides a principal investigator with an award of $120,000 over two years to appoint a Postdoctoral Fellow in environmental chemistry.

Closing date for application: August 30, 2015

**Precise Robust Inertial Guidance for Munitions: Advanced Inertial Micro Sensors (PRIGM:AIMS)**
Department of Defense
DARPA - Microsystems Technology Office

The DARPA Microsystems Technology Office is soliciting research proposals in the development of novel technologies for high-performance miniature inertial sensors. The PRIGM:AIMS program will address the challenge of precise navigation of guided munitions in the absence of external navigation aids, such as GPS. This BAA is particularly interested in inertial sensors that enable precision navigation of gun-launched spin-stabilized munitions, as well as the navigation of highly dynamic, long-range munitions. PRIGM:AIMS will investigate and demonstrate new sensing modalities for low-Cost, Size, Weight and Power (CSWaP) inertial sensors including, but not limited to: rate-integrating gyroscopes, integrated photonic waveguide optical gyroscopes, and optically-interrogated MEMS gyroscopes and accelerometers.

Closing date for application: September 10, 2015