Greetings,

Entrepreneurial and creative faculty across all LSU campuses are encouraged to apply for the third round of the LSU LIFT² Fund, or Leverage Innovation for Technology Transfer fund. The applications for these small "proof-of-concept" grants are due by 5 p.m. on Tuesday, September 15, via the online submission portal.

Grants awarded by the LIFT² fund further commercialization of innovations, help establish data that can support commercial feasibility of the innovation, and thus reduce the risk for companies interested in licensing it. Innovations are defined broadly, to include both creative and artistic works as well as devices, drugs, software, and other more traditional concepts; thus, faculty from all disciplines and all LSU campuses are encouraged to consider an application.

Grants will be awarded in amounts up to $50,000, although projects requesting $25,000-$30,000 are strongly encouraged. A maximum of $500,000 will be available to support proof-of-concept activities to further prepare innovations for commercialization. There is no guarantee of either the amount of funding available or the number of awards in future grant cycles.

The LSU LIFT² Fund was created by the LSU Board of Supervisors in January 2014 to help “Leverage Innovation for Technology Transfer” across all the campuses of the LSU system. By permanently securing a portion of licensing income for the LSU LIFT² Fund, LSU has ensured continual reinvestment in new innovation opportunities and affirmed its commitment to advancing discoveries to benefit the public.

If you have further questions, feel free to contact me via email at andrewm@lsu.edu.

Thanks,

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Thursday July 23, 2015
Research Funding Newsletter
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.

New Limited Submission Opportunities

Nanomaterials Health Implications Research (NHIR): Comprehensive Evaluation of Interactions between Engineered Nanomaterials and Biological System (U01)

This Funding Opportunity Announcement (FOA) seeks applications for research projects as part of NIEHS Nanotechnology Health Implications Research (NHIR). These research projects will investigate interactions between Engineered Nanomaterials (ENMs) and biological systems to generate comprehensive biological response profiles for ENMs that will be provided by Engineered nanomaterials Resource and Coordination Core (ERCC) being solicited through a companion FOA (RFA-ES-15-012). The research projects to be funded through this FOA will contribute to long range goals of the NIEHS Nano EHS program, i.e., to derive detailed molecular, biochemical and pathophysiological characterization of ENMs-biological interactions as influenced by physicochemical properties of ENMs.

Limit on Number of Proposals per Organization: 1

Deadlines:
Internal Notice of Intent: 8/6/2015 by 12 pm
NIH Letter of Intent: 10/30/2015
NIH Proposal: 11/30/2015

Upcoming Limited Submission Opportunities

Bridges to the Doctorate (R25)
Deadlines:
Internal Notice of Intent: 7/30/2015 by 12pm
Internal Preproposals: 8/6/2015
NIH Deadline: 9/25/2015

National Endowment for the Humanities Summer Stipends
Deadlines:
Internal Notices of Intent: 7/31/2015 by 12pm
Internal Preproposal: 8/7/2015
NEH Proposal: 10/1/2015
**Board of Regents Support Fund Program**

The Louisiana Board of Regents has issued the FY 2015-2016 RFPs for the Board of Regents Support Fund (BoRSF) programs. For those who are unfamiliar, these programs are funded through interest earned from the investment of oil and gas revenues generated in the so-called 8(g) stipulation of the Federal Outer Continental Shelf Lands Act. BoRSF programs are designed to support the research and education efforts at public and private universities in Louisiana in order to enhance economic development.

The FY 2015-2016 RFPs are available here.

Please note that Board of Regents program officers are able to provide samples of previously successful proposals for any of these programs. A maximum of 5 proposal copies can be requested. To see what has been previously funded, you will need to refer to the Consultant Reports.

The reports contain the funding recommendations for each BoRSF program. Once you have identified a proposal of which would like to receive a copy, you can make a request by emailing support@laregents.org. For each proposal copy, the request should include the following information:

- Full Proposal Number:
- Proposal Program/Subprogram:
- Proposal submission cycle:
- Proposal Title:
- PI First Name and Last Name:
- Proposal Institution:

Example:
- Full Proposal Number: 001A-15
- Proposal Program/Subprogram: R&D RCS
- Proposal submission cycle: FY 2014-15
- Proposal Title: XYZ Title
- PI First Name and Last Name: Dr. John Smith
- Proposal Institution: ABC Institution

Check this section of the newsletter for weekly news and updates related to BoRSF programs.

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**Internal Funding Opportunity**

**SEC Faculty Travel Grant Program**

This program provides LSU faculty members the opportunity to travel to another SEC campus to exchange ideas, develop grant proposals, and conduct research. It provides LSU faculty members the opportunity to travel to another SEC campus to exchange ideas, develop grant proposals, and conduct research. In order to submit a request, please complete the online submission process. Please view the guidelines and FAQs for more information. Please contact research@lsu.edu if you have any additional questions.

Closing date for application: July 29, 2015 by 4:30pm

**Center for Experimental Infectious Disease Research (CEIDR) Pilot Program**

The LSU School of Veterinary Medicine (SVM) and the Tulane National Primate Research Center (TNPRC) are partners in the NIH-funded Center for Experimental Infectious Disease Research (CEIDR) funded by NIH:NIGMS as a Center of Biomedical Research Excellence (COBRE). The CEIDR is a Center of Excellence at the LSU SVM administered by the Division of Biotechnology & Molecular Medicine.

Closing date for application: July 31, 2015

**Leverage Innovation for Technology Transfer Fund (LIFT²)**

Grants awarded by the LIFT² fund further commercialization of innovations, help establish data which can support commercial feasibility of the innovation and thus reduce the risk for companies interested in licensing it. Innovations are defined broadly, to include both creative and artistic works as well as devices, drugs, software and other more traditional concepts.

Closing date for application: Sept. 15, 2015 by 5pm
Funding Opportunity Announcements

National Institutes of Health

Notices

Request for Information (RFI): Inviting Comments and Suggestions on the NIH-wide Strategic Plan (NOT-OD-15-118)
National Institutes of Health

ASSIST Now an Option for Institutional Training and Career Development (Ts and K12), Other Training Grants (Ds) and Various Research Applications (NOT-OD-15-126)
National Institutes of Health

Eunice Kennedy Shriver National Institute of Child Health and Human Development

Eunice Kennedy Shriver National Institute of Child Health and Human Development

Notice of Participation of the Eunice Kennedy Shriver National Institute of Child Health and Human Development in PA-15-271 “Understanding HIV Persistence in Infants (R01)” (NOT-HD-15-027)
Eunice Kennedy Shriver National Institute of Child Health and Human Development

Notice of Intent to Publish a Funding Opportunity Announcement for BRAIN Initiative: Foundations of Non-Invasive Human Brain Imaging and Neuro-Recording Techniques (R01) and Participation by the Australian National Health and Medical Research Council (NOT-MH-15-022)
National Institute of Mental Health; National Center for Complementary and Integrative Health; National Eye Institute; National Institute on Aging; National Institute of Biomedical Imaging and Bioengineering; Eunice Kennedy Shriver National Institute of Child Health and Human Development; National Institute on Drug Abuse; National Institute on Deafness and Other Communication Disorders; National Institutes of Health; National Institute of Neurological Disorders and Stroke

Notice to Discontinue Participation of NIMH in PA-14-045 “Independent Scientist Award (Parent K02)” (NOT-MH-15-024)
National Institute of Mental Health

National Institute of Mental Health

Requests for Applications

Limited Competition for the Continuation of Teen-LABS (Adolescent Longitudinal Assessment of Bariatric Surgery) Clinical Centers (Collaborative U01) (RFA-DK-15-508)
National Institute of Diabetes and Digestive and Kidney Diseases
Application Receipt Date(s): November 10, 2015

Limited Competition for the Continuation of Teen-LABS (Adolescent Longitudinal Assessment of Bariatric Surgery) Biostatistics Research Center (Collaborative U01) (RFA-DK-15-509)
National Institute of Diabetes and Digestive and Kidney Diseases
Application Receipt Date(s): November 10, 2015

Tools for Monitoring and Manipulating Modified RNAs in the Nervous System (R43/R44)
(RFA-DA-16-005)
National Institute on Drug Abuse
Application Receipt Date(s): November 18, 2015

Tools for Monitoring and Manipulating Modified RNAs in the Nervous System (R41/R42)
(RFA-DA-16-006)
National Institute on Drug Abuse
Application Receipt Date(s): November 18, 2015
Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE: GEOPATHS)

The primary goal of the IUSE: GEOPATHS funding opportunity is to increase the number of undergraduate students interested in pursuing undergraduate degrees and/or post-graduate degrees in geoscience through the design and testing of novel approaches for engaging students in authentic, career-relevant experiences in geoscience. (This is a limited submission competition. Please complete an internal notice of intent.)

Closing date for application: August 14, 2015

Cultural Anthropology

The primary objective of the Cultural Anthropology Program is to support basic scientific research on the causes, consequences, and complexities of human social and cultural variability. Anthropological research spans a wide gamut, and contemporary cultural anthropology is an arena in which diverse research traditions and methodologies are valid. Senior proposals support individual, team, or collaborative research by scholars who hold a PhD, or other equivalent or appropriate credential. Dissertation Research supports doctoral dissertation research by anthropology graduate students enrolled at U.S. institutions. The Faculty Scholars Program (see Solicitation 07-544) supports methodological training for cultural anthropologists who wish to learn new skills that are needed as part of an ongoing research program.

Deadlines:
Senior Proposals: August 15, 2015
Dissertation Research: August 17, 2015
Scholars: August 16, 2015

Biological Oceanography

The Biological Oceanography Program supports research in marine ecology broadly defined: relationships among aquatic organisms and their interactions with the environments of the oceans.

Closing date for application: August 15, 2015

Political Science

The Political Science Program supports scientific research that advances knowledge and understanding of citizenship, government, and politics. Research proposals are expected to be theoretically motivated, conceptually precise, methodologically rigorous, and empirically oriented.

Closing date for application: August 15, 2015

Partnerships in Astronomy & Astrophysics Research and Education (PAARE)

The objective of PAARE is to enhance diversity in astronomy and astrophysics research and education by stimulating the development of formal, long-term, collaborative research and education partnerships among minority-serving institutions and partners at research institutions, including academic institutions, private observatories, and NSF Division of Astronomical Sciences (AST)-supported facilities.

Closing date for application: August 21, 2015

Healthy Homes Partnership

The purpose of the Healthy Homes Partnership (HHHP) is to link resources of myriad government agencies for a public outreach education program that will reduce housing deficiencies and risks associated with childhood diseases.

Closing date for application: July 30, 2015
NextGen Grants for Transformative Cancer Research
American Association for Cancer Research

This grant mechanism is intended to promote and support creative, paradigm-shifting cancer research that, because of its very nature, may not otherwise be funded through existing channels.

Closing date for pre-application: Aug. 10, 2015 by 12pm

Botanical Research Center 2015-16 Pilot Project Program

The major objective of this program is to provide research support to test innovative hypotheses involving botanicals (bioactive extracts) and their effects on metabolic pathways leading to obesity, insulin resistance, and Type 2 diabetes or their co-morbidities. This request for proposals is seeking pilot projects that specifically relate to the theme of the Botanical Research Center to promote human health by focusing on the functional aspects and mechanisms by which botanicals promote metabolic resilience and general health. Thus, our approach to the study of botanicals is on health maintenance, rather than disease interdiction.

All letters and grant applications should be submitted to: anne.gooch@pbrc.edu

Closing date for pre-application: August 10, 2015

Intermediate Neutrino Research Program
Department of Energy

DOE is interested in research that would align with the goals of the Intensity Frontier Program in investigating the properties and interactions of the known neutrinos and in searching for new types of neutrinos, as part of our implementation of the strategic plan for the HEP program. Proposed experiments that are scientifically compelling, competitive within the world program, modest in cost and time-scale, and technically ready, will be considered.

Closing date for application: September 2, 2015

DOE Traineeship in Power Engineering (Leveraging Wide Bandgap Power Electronics)
Department of Energy
Golden Field Office

Through this Funding Opportunity Announcement, DOE intends to fund university-led traineeship programs that strategically address workforce training needs in the area of power engineering, leveraging wide bandgap power electronics.

Closing date for application: September 3, 2015

Planning Grant for Healthcare and Public Health Sector Cybersecurity Information Sharing
Department of Health and Human Services

The first objective of this award is to gain an understanding of the cybersecurity threat information needs of the Sector and the gaps within both the Sector as a whole and the awardee’s organization specifically in meeting these needs. The second objective of this award is to increase organizational capacity and develop a strategy to expand cybersecurity threat information sharing in the Sector.

Closing date for application: September 14, 2015

Research Opportunities in High Energy Physics
Department of Energy

The Office of High Energy Physics (HEP) at the U.S. Department of Energy, Office of Science, hereby invites new and renewal grant applications
for support of research programs in High Energy Physics. The ERP IDA award offers two levels of funding. Level I is intended to support investigator-initiated research that may be high-risk and/or high-gain. Level II is intended to support advanced studies that may be multidisciplinary in nature, and/or have multiple collaborators.

Closing date for application: September 17, 2015

**Collaborative Fusion Energy Research in the DIII-D National Program**
Department of Energy - Office of Science

The Fusion Energy Sciences (FES) Program of the Office of Science (SC), U.S. Department of Energy (DOE), hereby announces its interest in receiving grant applications for collaborative research in fusion energy science as part of the DIII-D national research program. The mission of the DIII-D program is to establish the scientific basis for the optimization of the tokamak approach to fusion energy production.

Closing date for application: October 2, 2015

**Marine Fisheries Initiative (MARFIN)**
Department of Commerce

The National Marine Fisheries Service (NMFS), Southeast Region, is seeking proposals under the Marine Fisheries Initiative Program (MARFIN), for research and development projects that optimize the use of fisheries in the Gulf of Mexico involving the U.S. fishing industry (recreational and commercial), including fishery biology, resource assessment, socio-economic assessment, management and conservation, selected harvesting methods, and fish handling and processing.

Closing date for application: October 2, 2015

**Orthotics Outcomes Research Award**
Department of Defense
Dept. of the Army -- USAMRAA

The FY15 Orthotics Outcomes Research Award is intended to support research that evaluates the comparative effectiveness of orthotic clinical interventions and/or their associated rehabilitation interventions, using patient-centric outcomes for Service members and Veterans who have undergone limb impairment or limb amputation. The objective is to improve the understanding of orthotic devices, treatments, rehabilitation strategies, and secondary health effects.

Closing date for application: November 16, 2015

**Prosthetics Outcomes Research Award**
Department of Defense
Dept. of the Army -- USAMRAA

The FY15 Prosthetics Outcomes Research Award is intended to support research that evaluates the comparative effectiveness of prosthetic clinical interventions, and/or their associated rehabilitation interventions, using patient-centric outcomes for Service members and Veterans who have undergone limb impairment or limb amputation. The objective is to improve the understanding of prosthetic devices, treatments, rehabilitation strategies, and secondary health effects.

Closing date for application: November 16, 2015

**Epilepsy Idea Development Award**
Department of Defense
Dept. of the Army -- USAMRAA

The intent of the ERP IDA is to solicit research to understand the magnitude and underlying mechanisms of PTE, especially in Service members and Veterans while benefitting the civilian community.

Closing date for application: November 24, 2015

**Peer Reviewed Alzheimer’s Convergence Science Research Award**
Department of Defense
Dept. of the Army -- USAMRAA

The intent of the FY15 CSRA is to support efforts to generate research resources, tools, or novel research efforts for researchers and/or practitioners in health sciences related to the PRARP’s mission.

Closing date for application: November 25, 2015
Peer Reviewed Alzheimer's Quality of Life Research Award
Department of Defense
Dept. of the Army -- USAMRAA

The intent of the research funded through the Peer Reviewed Alzheimer’s Research Program (PRARP) Quality of Life Research Award (QUAL) is to reduce the burden on affected individuals and caregivers, especially in the military and Veteran communities.

Closing date for application: November 25, 2015

Peer Reviewed Alzheimer’s Military Risk Factors Research Award
Department of Defense
Dept. of the Army -- USAMRAA

The intent of the FY15 Peer Reviewed Alzheimer’s Research Program (PRARP) Military Risk Factors Research Award (MRFA) is to facilitate high-impact, systematic, population-based research investigating the association between TBI and the subsequent development of AD.

Closing date for application: November 25, 2015