TEES Research Development

ENGINEERING RESEARCH DIGEST

A Weekly Newsletter for Engineering Pls Interested in Funding Opportunities and News



Issue: May 27, 2020

Email: proposalsupport@tamu.edu

COVID-19 Updates & Opportunities

[Watch out for the Special COVID-19 Edition on Fridays]

https://tees.tamu.edu/covid-19/index.html

COVID-19 Request for Information (RFI): Click Here

COVID-19 Research Opportunities (NetID Login Required): Click Here



Funding Opportunities

A database with a more in-depth review of funding opportunities including details such as funding size, sponsor, and topic can be found <u>HERE</u>.

(Items denoted with: LS – Limited Submission, JF – Junior Faculty)

LIMITED SUBMISSIONS -

The Division of Research has implemented a brand new proposal submission and review portal. The system will be used for limited submissions and most internal grant programs. You will find available opportunities here.

National Science Foundation (NSF) ADVANCE: Organizational Change for Gender Equity in STEM Academic Professions (link) – Internal Submission Deadline: June 1, 2020

DOE FY20 Advanced Manufacturing Office Multi-Topic FOA (\underline{link}) – Internal Submission Deadline: June 3, 2020

Edward Mallinckrodt, Jr. Foundation Mallinckrodt Grants (<u>link</u>) – Internal Submission Deadline: June 3, 2020

American Honda Foundation (AHF) Grants (<u>link</u>) – Internal Submission Deadline: June 5, 2020 W.M. Keck Foundation Keck Research Grants in Medicine and Science & Engineering (<u>link</u>) – Internal Submission Deadline: June 8, 2020

National Science Foundation NSF Research Experiences for Teachers (RET) in Engineering and Computer Science – Supplements and Sites (link) – Internal Submission Deadline: June 25, 2020

New – External –

Department of Defense (DOD)

Congressionally Directed Medical Research Programs (CDMRP) Funding Opportunities and Preannouncements (link) – FY20 Breast Cancer Research Program (BCRP), FY20 Epilepsy Research Program (ERP), FY20 Hearing Restoration Research Program (HRRP), FY20 Lung Cancer Research Program (LCRP), FY20 Melanoma Research Program (MRP), FY20 Multiple Sclerosis Research Program (MSRP), FY20 Neurofibromatosis Research Program (NFRP), FY20 Orthotics and Prosthetics Outcomes Research Program (OPORP), FY20 Ovarian Cancer Research Program (OCRP), FY20 Neurotoxin Exposure Treatment Parkinson's Research Program (NETP), FY20 Peer Reviewed Alzheimer's Research Program (PRARP), FY20 Peer Reviewed Cancer Research Program (PRCRP), FY20 Peer Reviewed Medical Research Program (PRMRP), FY20 Prostate Cancer Research Program (PCRP), FY20 Tuberous Sclerosis Complex Research Program (TSCRP), FY20 Vision Research Program (VRP) – Due Dates and Awards Can Vary for Each Mechanism

AFRL Airman Readiness Medical Research (ARMR) Hybrid BAA (Open BAA and BAA with Calls) (link) – White Papers accepted until April 30, 2026; Over the period of this BAA, Calls may be issued to request white papers or proposals for specific research objectives or aims. -Anticipated funding for the overall program is \$480M, with multiple awards anticipated ranging from \$50,000 to \$49,000,000.

Department of Energy (DOE)

ES FY20 Advanced Manufacturing Office Multi-Topic FOA (link) – Concept Paper Due June 25, 2020; Full Due August 26, 2020 – EERE expects to make a total of approximately \$67 million of federal funding available for new awards under this FOA, subject to the availability of appropriated funds. EERE anticipates making up to 33 awards under this FOA. EERE may issue one, multiple, or no awards. Individual awards may vary, ranging between up to \$1 million and up to \$10 million, depending on sub-topic area

Limitless Space Institute

Interstellar Initiative Grants Request for Proposals (See attached) – Phase I Preproposals Due June 1, 2020; Phase II Full Proposals Due July 15, 2020 – This call for proposals is seeking grants that can be categorized as either a tactical grant (\leq \$100k) or a strategic grant (\leq \$250k), with the former focused on theoretical and the latter on empirical. The period of performance for the grants is expected to be ~12-14 months duration, with a potential start date just before the beginning of the 2020 academic fall semester.

National Institutes of Health (NIH)

NIH Director's Transformative Research Awards (R01 Clinical Trial Optional) (link) – Application Due September 30, 2020 – NIH intends to commit approximately \$8 million in FY 2021 and make approximately 7 awards, depending on the size and scope of the most meritorious awards. The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications.

NIH Director's Early Independence Awards (DP5 Clinical Trial Optional) (link) – LOI Due August 4, 2020; Application Due September 4, 2020 – The NIH Common Fund intends to commit approximately \$4 million to support approximately 10 awards in FY 2021. The number of awards is contingent upon availability of funds and receipt of a sufficient number of meritorious applications. Future year amounts will depend on annual appropriations and satisfactory progress. Awards will be for up to \$250,000 in direct costs per year, plus applicable Facilities and Administrative (F&A) costs.

NIH Director's Pioneer Award Program (DP1 Clinical Trial Optional) (link) – Application Due September 11, 2020 – NIH intends to commit approximately \$8,000,000 in FY 2021 to fund approximately 7 awards. Awards will be for \$700,000 in direct costs per year, plus applicable Facilities and Administrative (F&A) costs.

NIH Director's New Innovator Award Program (DP2 Clinical Trial Optional) (link) – Application Due August 21, 2020 – NIH intends to commit approximately \$80 million for approximately 33 awards in FY 2021. The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Awards are multi-year funded with all funds disbursed in the first year of the award. Awards will be up to \$1,500,000 in direct costs (the equivalent of \$300,000 in Direct Costs each year for five years) plus applicable Facilities and Administrative (F&A) costs to be determined at the time of award.

National Science Foundation (NSF)

NSF Policy Office Issues Update Regarding PAPPG 20-1

NSF has made the following changes to PAPPG 20-1, effective on June 1, 2020:

- Requirement to Use NSF-approved Formats for Biosketches and Current and Pending Support Delayed to October 1, 2020
- All Other Changes Will Be Implemented on June 1, 2020

For more information, please see the text of the Dear Colleagues email below.

Dear Colleagues:

On June 1, 2020, NSF will implement the <u>Proposal and Award Policies and Procedures Guide</u> (PAPPG) (NSF 20-1) for proposals submitted or due on or after this date. The revised PAPPG implements a variety of changes and clarifications, the highest profile of which requires use of an NSF-approved format for the preparation of the biographical sketch and current and pending support.

Due to the COVID-19 pandemic and the ensuing stress on proposers, the research community has not been able to adequately prepare and train their staff for the implementation of the new requirements.

NSF has therefore made the decision to delay the requirement to use NSF-approved formats for the biographical sketch and current and pending support sections of NSF proposals until October 1, 2020. Proposers must continue to format these documents in accordance with PAPPG requirements (see PAPPG sections II.C.2.f and II.C.2.h). NSF encourages the community to use these formats and continue to provide valuable feedback as we enhance them for future implementation.

Over the coming week, NSF will make updates to existing policy guidance, websites and Frequently Asked Questions (FAQs) to reflect the change. NSF will communicate further with the community once these updates have been made.

Webinars covering the use of NSF-approved formats as well as all of the significant changes to the PAPPG are available on the NSF Policy Outreach website.

NSF will continue to implement all other changes to the PAPPG beginning June 1, 2020, including the following:

• New requirement for proposing organizations to submit government-wide representations and certifications in the System for Award Management (SAM);

- New requirement for providing e-mail documentation of Program Officer approval for the submission of RAPID and EAGER proposals; and
- Clarifications to current and pending support coverage as well as other changes throughout the document.

You are encouraged to review the by-chapter summary of changes provided in the Introduction section of the PAPPG. If you have any questions regarding these changes, please contact the DIAS/Policy Office at policy@nsf.gov.

PREVIOUSLY NOTATED OPPORTUNITIES

DARPA Biological Technologies (<u>link</u>)

DOE Hydropower Program Research and Development Strategy and HydroWIRES Research Roadmap Request for Information (<u>link</u>)

DOE American-Made Challenges Solar Desalination Prize (link)

NASA New (Early Career) Investigator Program in Earth Science (link)

NIH Research Supplements to Promote Diversity in Health-Related Research (Admin Supp - Clinical Trial Not Allowed) (<u>link</u>)

NIH Institutional Development Award (IDeA) Networks for Clinical and Translational Research (IDeA-CTR) (U54 Clinical Trial Optional) (link)

NSF Coastlines and People (CoPe) (<u>link</u>)

Oak Ridge Institute for Science and Education (ORISE) EERE Science, Technology and Policy Opportunity (link)



Junior Faculty Opportunities

CURRENT & FUTURE —

- Young Investigators Programs (<u>link</u>)
- Junior Faculty Targeted Funding Opportunities (<u>link</u>)
- Young Investigator Awards (<u>link</u>)
- IF NSF Faculty Early Career Development Program (CAREER) (link) Full (for All Directorates) Due July 27, 2020 Estimated Number of Awards: 500 per year; Anticipated Funding Amount: \$250,000,000.

Funds are available to help Assistant Professors in visiting funding agency program officers at DoD, DoE, NSF, DARPA, etc., when they are ready. Readiness will be assessed by Dr. Z.J. Pei based on a justification statement submitted by the faculty member, including expertise, experience, and research ideas. TEES will pay up to half of the cost of travel to Washington, D.C., for an approved Assistant Professor. Please contact Dr. Z.J. Pei, TEES Director of Research Development, at zjpei@tamu.edu for more information.



Student/Postdoctoral Opportunities

CURRENT & FUTURE _____

Oak Ridge Institute for Science and Education (ORISE) EERE Science, Technology and Policy Opportunity (<u>link</u>)

NASA D.5 University Student Research Challenge (USRC) (link)

G.R.A.D. Aggies Workshops - (link) Summer 2020



Upcoming Events

For all events, registration, and information, please visit (<u>link</u>).

EXTERNAL ———

NSF Partnerships for Innovation (PFI) Q&A Office Hours Webinars

May 28, 2020, 2:00 p.m. ET (1:00 p.m. CT) - Registration

June 11, 2020, 2:00 p.m. ET (1:00 p.m. CT) - Registration

June 25, 2020, 2:00 p.m. ET (1:00 p.m. CT) - Registration

July 2, 2020, 2:00 p.m. ET (1:00 p.m. CT) - Registration

Information

TAMU Division of Research/Hanover Research – DOD Grantsmanship Training: Securing Department of Defense Funding for Research & Development (Via Zoom)

June 5, 2020, 10:30 a.m. - 11:30 a.m. CT

<u>Information and Registration</u>

DOE Virtual Workshop: SCale-up and Advanced Learnings from Equipment Usage and Predictive Modeling (SCALE-UP)

June 9-11, 2020

<u>Information and Registration</u>

ASEE's Virtual Conference

June 22-26, 2020

<u>Information and Registration</u>

DARPA Discover DSO Day (D3) Webinar

June 24-25, 2020

<u>Information and Registration</u>



Resources

- NSF Broader Impact Expo List of Resources (<u>link</u>)
- Funding Opportunities Spreadsheet (<u>link</u>)
- Facilities (<u>link</u>)
- Education/Broader Impacts Requirements (<u>link</u>)

TEES RESEARCH DEVELOPMENT – PROPOSAL DEVELOPMENT SERVICES

- NSF CAREER workshops geared towards supporting junior faculty
- Proofreading, editing, and rewriting to refine project narratives and summaries
- Graphics
- Quality Check proposal packages for completion and compliance
- Format and update supplementary documents to have cohesive appearance on large proposals
- Develop checklists based on the solicitation
- Develop templates for supplementary documents and draft budget justification
- Serve as liaison between SRS and subcontractors.

RESEARCH DEVELOPMENT TEAM

Dr. Sharmila Pathikonda, Sharon McCord, Amber Mastrobattista, and Dr. Sindhu Jose

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Prepared by TEES Research Development under the auspices of the Associate Agency Director for Strategic Initiatives and Centers. For questions, email proposalsupport@tamu.edu.