Opportunity: Sandia National Labs FY21 List of Topics for the STARCS Mission Campaign

We have been given the opportunity to submit project ideas for the Sandia National Labs (Sandia) STARCS Mission Campaign. Thus, please find attached (in email) the FY21 List of Topics for the STARCS Mission Campaign. The Campaign managers will use our submitted projects ideas (along with those from their other university partners) to match with ideas received from prospective Sandia PIs. If the projects ideas are selected, a more comprehensive proposal will be solicited.

This opportunity is only open to US Citizens. Sandia asks that we submit only a few sentences to a paragraph on potential topics. Please submit these short write-ups to Janelle Turner in my office (jturner@tamu.edu) by 12 noon on Friday, February 7.

Please contact Dr. Diane Hurtado, Associate Vice Chancellor for National Laboratories Management, National Labs Office, at d-hurtado@tamu.edu if you have any questions.

Funding Opportunities
(Link to pdf versions of the Newsletter – https://tees.tamu.edu/researchsupport/newsletter/)

TEES Research Development
Proposal Development Assistance

For assistance, please contact TEES Research Development at proposalsupport@tamu.edu as early as possible in the proposal development process. We can help with:

Assistance for Junior Faculty – Also, see Junior Faculty Opportunities below.

Multidisciplinary and/or Multi-university Proposals

Figures for a Proposal Being Submitted to Federal Agencies – Preference will be given to large proposals and NSF CAREER proposals.

LIMITED SUBMISSIONS
If you would like to receive all notices of limited submission opportunities, please email shelly.martin@tamu.edu. Note that if you are on this list, you will receive any and all announcements, whether or not they apply to you. All limited submission opportunities are also posted on the VPR’s site.

**Limited Submission**  The David and Lucile Packard Foundation The Packard Fellowships for Science and Engineering – Email of Intent Due January 29, 2020; Internal Proposal Due February 5, 2020

**Limited Submission**  Jointly Sponsored Ruth L. Kirschstein National Research Service Award Institutional Predoctoral Training Program in the Neurosciences (T32 Clinical Trial Not Allowed) – If you are interested in submitting a proposal for the above titled opportunity, please email limitedsubmissions@tamu.edu and include the sponsor name, program name, title of your proposal and a one to three sentence description of the project by **February 14, 2020**.

**DOE**

**New**  FY20 Bioenergy Technologies Multi-Topic FOA  ([link](#)) – Concept Papers Due March 5, 2020; Full Due April 30, 2020 – EERE expects to make a total of approximately $97 million of federal funding available for new awards under this FOA, subject to the availability of appropriated funds. EERE anticipates making approximately 27-49 awards under this FOA. EERE may issue one, multiple, or no awards. Individual awards may vary between $1 and $10 million, depending on the Topic Area.

**New**  Fiscal Year 2020 Advanced Vehicle Technologies Research Funding Opportunity Announcement  ([link](#)) – Concept Paper Due February 21, 2020; Full Due April 14, 2020 – EERE expects to make a total of approximately $133,200,000 of federal funding available for new awards under this FOA, subject to the availability of appropriated funds. EERE anticipates making approximately 45-78 awards under this FOA. EERE may issue one, multiple, or no awards under each area of interest. Individual awards may vary between $200,000 and $7,500,000.

**New**  Fiscal Year 2020 H2@Scale New Markets FOA  ([link](#)) – Concept Papers Due February 25, 2020; Full Due April 20, 2020 – EERE expects to make a total of approximately $64,000,000 of federal funding available for new awards under this FOA, subject to the availability of appropriated funds. EERE anticipates making approximately 21 awards under this FOA. EERE may issue one, multiple, or no awards. Individual awards may vary between $1 and $9 million.

**New**  FY2020 Research Opportunities in Accelerator Stewardship  ([link](#)) – Pre-Applications Due February 21, 2020; Full Due April 3, 2020 – The anticipated award size will depend on the number of meritorious applications, the results of merit review, the program policy factors, and the availability of appropriated funds.

**NASA**

**New**  Dual Use Technology Development Cooperative Agreement Notice (CAN) 2019  ([link](#)) – NOI Due February 14, 2020; Full Due September 30, 2020 – Awards from this funding announcement that are issued to academic and nonprofit institutions under 2 CFR 1800 are subject to the Federal Research Terms and Conditions (RTC) located at [http://www.nsf.gov/awards/managing/rtc.jsp](http://www.nsf.gov/awards/managing/rtc.jsp). In addition to the RTC and NASA-specific guidance, three companion resources can also be found on the website: Appendix A— Prior

**NIH**

**New** Development of Innovative Informatics Methods and Algorithms for Cancer Research and Management (R21 Clinical Trial Optional) ([link](#)) – LOI Due 30 Days Prior to Application; Application Due June 9, 2020 and November 18, 2020 – NCI intends to commit $1,240,000 in FY 2021 to fund 6 awards. Award Budget: Direct costs are limited to $275,000 over a two year period. No more than $200,000 may be requested in any single year.

**New** Limited Submission Jointly Sponsored Ruth L. Kirschstein National Research Service Award Institutional Predoctoral Training Program in the Neurosciences (T32 Clinical Trial Not Allowed) ([link](#)) – LOI Due 30 Days Prior to Application; Application Due May 26, 2020 - Stipends, Tuition, and Fees: Kirschstein-NRSA awards provide stipends as a subsistence allowance to help defray living expenses during the research training experience. NIH will contribute to the combined cost of tuition and fees at the rate in place at the time of award.

**NSF**

**New** Idaho National Laboratories (INL) Graduate Fellowships ([see attached pdf in email](#)) – Due February 15, 2020 – There are two open call INL Graduate Fellowship postings. One is a fellowship awarded to Ph.D. students with interest in advancing nuclear energy and clean energy deployment. The other is specific to National and Homeland Security research and is for Ph.D. students or students pursuing a master’s degree in cyber security. Applicants are invited to apply online through inl.gov/careers job posting numbers 14123 and 14124. The postings will close February 15, 2020. Selections will be announced in May 2020. Letters of recommendation can be emailed directly to me at sierra.cottle@inl.gov.

**New** Summer Undergraduate Research Fellowship (SURF) NIST Boulder Programs ([link](#)) – Application Due February 3, 2020 - The SURF program provides a lodging subsidy (up to $3500) for students to arrange their own housing.

**New** American Society of Naval Engineers (ASNE) Scholarship Program ([link](#)) – Application Due March 9, 2020 – A combination of undergraduate scholarships ($4,000 per year) and graduate scholarships ($4,000 per year) are awarded each academic year.

**New** Fermilab Summer Internships in Science and Technology (SIST) ([link](#)) – Application Due February 3, 2020 – Salary: Freshman: $15.83 per hour, Sophomore: $17.45 per hour, Junior: $19.00 per hour, Senior: $20.56 per hour; Housing: Arranged housing partially subsidized by program; Transportation: Paid round-trip airfare, or mileage reimbursement if permanent address is more than 50 miles from host laboratory.

**G.R.A.D. Aggies Workshops**

Spring 2020 ([link](#))
Junior Faculty Opportunities

Young Investigator Programs

http://tees.tamu.edu/researchsupport/young-investigator-programs/

Young Investigator Programs are for junior faculty who are untenured, Assistant Professors. Resources are available including CAREER/YIP workshops and seminars, proposal assistance, writing resources, and junior faculty targeted funding opportunities.

Junior Faculty Targeted Funding Opportunities – This spreadsheet contains numerous funding opportunities for junior faculty in Engineering.

Young Investigator Awards – This spreadsheet lists early career and young investigator awards (general list).

Opportunity for Assistant Professors

There are funds 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 zipei@tamu.edu for more information.

Funding Opportunities

Future Funding Opportunities will be posted here.

Seminars/Events/Workshops

Register Now
Junior Faculty Proposal Writing Academy: NSF Broader Impacts & Education Plan Seminar & Expo
February 5, 2020
1:00 p.m. - 5:00 p.m.
ILSB Auditorium and Lobby
Information
Registration

Junior Faculty Proposal Writing Academy

The TEES Research Development group and the Division of Research’s Research Development Services office have partnered to create the Junior Faculty Proposal Writing Academy. For more information, please visit http://jfa.tamu.edu/.
Additional Resources

**Facilities (Updated: February 2019)** – A list of facilities for each department in the College of Engineering is available on the TEES Research Development website. Faculty can use this list in creating facilities statements for multi-PI proposals.

**NSF Broader Impacts Expo List of Resources** – A list of the organizations and resource representatives who participated in the NSF Broader Impacts Seminar and Expo.

**Funding Opportunities Spreadsheet** – A spreadsheet of funding opportunities from past digests.

**Education/Broader Impacts** – A list of resources available through EASA, College of Engineering, Texas A&M, and national resources.

---

### Proposers Days/Webinars

*(All times Central unless otherwise noted)*

**DARPA Ocean of Things Webinar (Hosted by The National Academies of Science, Engineering, and Medicine Government-University-Industry Research Roundtable [GUIRR])**

January 30, 2020
1:00 p.m. - 2:00 p.m. ET (12:00 p.m. - 1:00 p.m. CT)
Information and Registration

**NSF Webinar: Updates to the NSF Proposal & Award Policies & Procedures Guide (PAPPG) (NSF 20-1)** – *Changes Go Into Effect June 1, 2020*

February 6, 2020
2:00 p.m. - 3:00 p.m. ET (1:00 p.m. - 2:00 p.m. CT)
Information and Registration

**DARPA Wideband Adaptive RF Protection (WARP) Proposers Day**

February 11, 2020

DARPA Conference Center (DCC), 675 North Randolph Street, Arlington, VA
Information and Registration – The deadline to register is February 6, 2020.

**NIH Specific Aims Virtual Workshop (2 parts)**

February 12 & 26, 2020
12:00 p.m. - 1:30 p.m.
Via Zoom
Information and Registration – The deadline to register is Thursday, January 30, 2020, including your draft Specific Aims.

**Hanover Research Webinar: Grant Writing vs. Academic Writing**

February 13, 2020
12:00 p.m. - 12:45 p.m. ET (11:00 a.m. - 11:45 a.m. CT)
Information and Registration
Seminars/Events/Workshops for All Faculty
http://tees.tamu.edu/researchsupport/events/

Texas A&M University Libraries Research Data Management Workshops – Spring 2020
Information

ASCE ExCEEd Teaching Workshop
Application Deadline: February 1, 2020
Summer 2020 – Workshops are located in Nebraska, New York and Florida.
Information – The ExCEEd Teaching Workshop is a six-day practicum that provides engineering educators with an opportunity to improve their teaching abilities. ASCE has successfully presented this workshop each summer for the past nineteen years. Faculty members across the country and around the world have benefited from this workshop. PLEASE NOTE: Applications must have a Statement of Support from you as the Chair/Head.

Register Now
Junior Faculty Proposal Writing Academy: NSF Broader Impacts & Education Plan Seminar & Expo
February 5, 2020
1:00 p.m. - 5:00 p.m.
ILSB Auditorium and Lobby
Information
Registration

Bring-Your-Own-Data (BYOD) Workshop
February 25, March 17, 24, & 31, April 7 & 14
2:30 p.m. - 4:00 p.m.
Wisenbaker, Room 235-I
Information and Registration – Multiple dates; tickets may sell out for listed dates. Bring Your Own Data (BYOD) workshop is designed to provide an opportunity for you to talk and program with an experienced team of computational scientists to help you carry out your data analysis on high performance computing facilities at Texas A&M. This is a FREE service offered to all researchers at Texas A&M.

Data Blitz Symposium (see attached pdfs in email)
February 28, 2020
Prairie View University
Information – For more information, please contact Dr. Cheryle D. Snead-Greene, PVAMU, at csgreene@pvamu.edu or Dr. Sherecce Fields, TAMU, at safields@tamu.edu. The Abstract Submission Portal will close on Friday, January 31, 2020.
**NSF Merit Review System and Grant Writing (A Pre-symposium Event at the SIGCSE Conference; see below)**

March 11, 2020  
1:30 p.m. - 5:00 p.m.  
SIGCSE 2020 Conference, Portland, OR

**Registration** – This event takes participants on a journey through the National Science Foundation Merit Review system. Participants will be introduced to the structure of NSF and the path that proposals take from pre-submission through award or decline. In small groups, participants will review brief proposal summaries and reflect on their Intellectual Merit, and Broader Impact. They will also reflect on possible funding opportunities. Participants gain insight into writing a good review as well as how to improve their own proposals. The session will include tips for writing strong proposals and an invitation to review proposals for NSF.

**SIGCSE 2020**  
March 11-14, 2020  
Portland, OR

**Information and Registration** – Additionally, program officers from the National Science Foundation’s Directorates of Education and Human Resources (EHR/DUE, EHR/DRL, EHR/DGE), Computer and Information Science and Engineering (CISE/CNS), and Engineering (ENG/EEC) will schedule “office hours” to occur during “Break, Exhibits & Demos sessions” and at various other times throughout the symposium.

---

**Research News**

**NSF Releases Revised Version of PAPPG (NSF 20-1)**

We are pleased to announce that a revised version of the NSF *Proposal & Award Policies & Procedures Guide (PAPPG) (NSF 20-1)* has been issued.

The new PAPPG will be effective for proposals submitted or due, and awards made, on or after June 1, 2020. Significant changes include:

- NSF will require use of an NSF-approved format in submission of the biographical sketch and current and pending support documents, once the PAPPG (NSF 20-1) becomes effective;
  - NSF is partnering with the National Institutes of Health (NIH) to use *SciENcv: Science Experts Network Curriculum Vitae* as an NSF-approved format for preparation of both documents.
  - Use of an NSF-approved format will not be required until implementation of PAPPG 20-1 on June 1, 2020.
  - To assist the community, NSF has developed websites with additional information for the preparation of the biographical sketch and current and pending support.
• 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.

NSF plans to conduct a webinar covering these changes on **February 6 at 2PM EST**. Visit the [webinar website](#) to register for this event.

While this version of the PAPPG becomes effective on June 1, 2020, in the interim, the guidelines contained in the current PAPPG (NSF 19-1) continue to apply.

A PDF version of the PAPPG will be available in the coming weeks. If you have any questions regarding these changes, please contact the DIAS/Policy Office at [policy@nsf.gov](mailto:policy@nsf.gov).

Prepared by TEES Research Development under the auspices of the Associate Agency Director for Strategic Initiatives and Centers. For questions, email [researchnews@tees.tamus.edu](mailto:researchnews@tees.tamus.edu).