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** **ORAU Ralph E. Powe Junior Faculty Enhancement Awards** – Email of Intent Due October 16, 2019; Internal Proposal Due October 23, 2019

**Limited Submission** **Brain Research Foundation 2020 Fay/Frank Seed Grant Program** – Email of Intent Due November 1, 2019; Internal Proposal Due November 8, 2019

**Limited Submission** **NSF IUSE / Professional Formation of Engineers: Revolutionizing Engineering Departments (IUSE/PFE: RED)** – Contact shelly.martin@tamu.edu for more information about internal due dates.

**The Texas A&M University System (TAMUS) National Laboratories Office (NLO) (see attached PDFs)**

**New** **Exploration Mini-Grants** – Due November 15, 2019 – NLO will pay costs up to $1500 per person (in accordance with TAMUS guidelines) for successful applicants to travel to LANL to engage with potential collaborators.
New **Development Fellowships** – Due November 15, 2019 – A typical development fellowship would fund up to 1.5 months of salary for the TAMUS researcher and reimburse travel costs (up to $5000) to visit one or more LANL TSMs for several weeks, to enable the TAMUS-LANL partners to take tangible steps toward long-term funded collaborative research.

New **Research Projects** – Due November 15, 2019 – Provide a budget estimate and approximate timeline. A formal budget generated by research services will be required if proposal is selected for funding. At application time, only an itemization of expenses is required.

**Texas A&M Division of Research and CONACYT**

New **2019-2020 TAMU-CONACYT Request for Proposals (RFP) (link)** – LOI Due November 8, 2019; Full Due December 16, 2019 – The program will issue up to 10 awards. Each award will provide up to US$30,000 total in joint funding. Total budget of US$30,000 to be split between the TAMU and Mexico PI. (Ratio determined by the PIs.)

**Texas A&M AgriLife Research, Texas A&M AgriLife Extension Service, and the Texas A&M Engineering Experiment Station**

**Water Seed Grant Initiative for FY 2020-21 Request for Proposals (link)** – Due November 1, 2019, at 5 p.m. – Projects will be funded for 20 months beginning Jan. 1, 2020 for $200,000 per year, not to exceed $330,000 per project.

**Texas A&M and São Pao Resaerch Foundation (FAPESP)**

**São Paulo Researchers in International Collaboration (SPRINT) – 3rd Edition 2019 (link)** – Due October 28, 2019 – FAPESP will provide funding of up to the equivalent of US$10,000.00 (ten thousand dollars) per proposal per year and TAMU will provide funding of up to US$10,000.00 (ten thousand dollars) per proposal per year, for the duration of the grant to cover research-related mobility expenses. The maximum duration of each project is 24 months.

**Cancer Prevention and Research Institute of Texas (CPRIT)**

**Limited Submission High Impact/High Risk Research Awards (link)** – Due January 15, 2020 – Award: Up to $250,000 (total costs)

**Limited Submission Early Clinical Investigator Award (link)** – Due January 15, 2020 – Award: Up to $1,500,000 (total costs)

**Limited Submission Core Facility Support Awards (link)** – Due January 15, 2020 – Award: Up to $4,000,000 (total costs)

**DOC**

New **NIST Public Safety Innovation Accelerator Program - First Responder 3D Indoor Tracking Prize (PSIAP-FR3D) (link)** – Pre-Applications Due December 9, 2019; Full Due April 20, 2020 – NIST anticipates funding a single award up to $4,000,000 per year with a project period of performance of two years. Total funding for this program is anticipated to be approximately $8,000,000. This total includes funds for both competition administration and the prize awards for competitors.

**NIST Measurement Science and Engineering (MSE) Research Grant Programs (link)** – Applications will be accepted and considered on a rolling basis as they are received. The
announcement remains active until a new announcement is issued. – Funding amounts vary by program

**NOAA FY 2018-2020 – Broad Agency Announcement (BAA) Announcement Type: Initial (link) – Due September 30, 2020 –** There are no funds specifically appropriated by Congress for this BAA. Funding for potential projects in this notice is contingent upon the availability of Fiscal Year 2018, Fiscal Year 2019, and Fiscal Year 2020 appropriations.

**DOD**

**New Air Force Explore Opportunity Call (link) – Submission Window: October 14, 2019 – November 11, 2019 -** The Air Force is anticipating award of efforts that range from approximately 6-18 months in duration. A variety of contract vehicles or agency agreements will be used to allow flexibility and agility in making awards.

**CDMRP Rapid Development and Translational Research Award (RDTRA) (link) – Pre-Application (Letter of Intent) Due October 23, 2019; Full Due November 13, 2019 –** The anticipated direct costs budgeted for the entire period of performance for an FY19 CRRP RDTRA will not exceed $1,500,000.

**2019 Engineer Research and Development Center (ERDC) Broad Agency Announcement (link) – Closes January 31, 2020**

**DARPA Strategic Technologies (link) – Due February 28, 2020 –** Multiple awards are anticipated. The amount of resources made available under this BAA will depend on the quality of the proposals received and the availability of funds.

**DOD Long-Term Opportunities**

**DTRA Fundamental Research to Counter Weapons of Mass Destruction Amendment 9 (link) – Due September 2024 –** Grants resulting from submissions to Thrust Areas 1-7, including topics associated with these thrust areas, may range from small dollar value (e.g., $25K) up to $1M annually (total, including both direct and indirect costs) depending on the nature and the scope of work.

**ARO Broad Agency Announcement (BAA) for Fundamental Research for 1 April 2017 - 31 March 2022 Amendment 4 (link) –** This BAA is a continuously open announcement valid throughout the period from the date of issuance through 31 March 2022, unless announced otherwise. – The ACC-APG RTP Division has the authority to award a variety of instruments on behalf of ARO. Anticipated awards will be made in the form of contracts, grants, cooperative agreements, technology investment agreements (TIAs), or other transactions for prototypes (OTAs).

**DARPA Microsystems Technology Office (MTO) Office-Wide (link) – Abstracts may be submitted on a rolling basis until 1:00 p.m. on May 26, 2020; Proposals Due June 26, 2020 –** Multiple awards are anticipated.

**National Geospatial-Intelligence Agency Academic Research Program (NARP) (link) –** White papers will be accepted on a continuous, rolling basis and may be submitted at any time before 11:59 p.m. EDT on 31 September 2021. Proposals, if requested, may be submitted at any time until the closing date of 31 December 2021 at 11:59 p.m. EST. – NURI awards are expected to have not more than a 24-month base period and a value of up to $400,000, with up to three one-year options valued at up to $200,000 per option year. NIP
award grants are expected to have a 24-month base period valued up to $200,000, with up to one-year option valued at $100,000. NRCF grants are normally less than $30,000 per event based on merit.

Broad Agency Announcement for the Army Rapid Capabilities Office (link) – Due March 23, 2023; Open continuously for the next 5 years – In anticipation, but not limited to, three to twelve month period of performance awards, with dollar amounts ranging from $500,000 to $2,000,000 may be expected.

United States Special Operations Command Broad Agency Announcement (BAA) for Extramural Biomedical Research and Development (link) – It is continuously open for a 5-year period, from 1 August 2018 closing 31 July 2023, 11:59 p.m. Eastern Time. – The Anticipated total costs budgeted for the entire period of performance will not exceed $3 Million annually. The number of awards is indeterminate and contingent upon funding availability.

AFRL RV-RD Assistance Instruments Announcement (link) – Closes December 19, 2023. Proposals may be submitted any time during this 5 year period and are evaluated as they are received. – The Government anticipates awarding multiple assistance instruments of various values and periods of performance under this FOA.

DOE

Scientific Infrastructure Support for Consolidated Innovative Nuclear Research (link) – Due November 13, 2019 – Ceiling: $5,000,000, average award size $250,000. 1:1 dollar match required for requests above $250,000. Period of Performance: 1 year. The estimated amounts identified for each FOA area is contingent upon Congressional appropriations and is subject to change. However, at this time, DOE anticipates making numerous awards under each FOA area, depending on the quality of the submissions and availability of funds. DOE reserves the right to make fewer or no awards under this announcement.

Collegiate Wind Competition (link) – Due December 9, 2019 – The anticipated period of performance is through July 31, 2021 with funding availability of $20,000.00 for each award.

National Academies of Sciences, Engineering, and Medicine

NRC Research Associateship Programs (link) – Deadline February 1, 2020, Application window opens December 1, 2019. – This competition is conducted in cooperation with sponsoring federal laboratories and other research organizations approved for participation. A primary objective of the Program is to provide a mechanism for new ideas, knowledge, and skills to be brought to the sponsoring laboratory. One or two year awards, renewable. Postdoctoral and Senior Associateships available.

NIH

New Strategies to Improve Health Outcomes and to Reduce Disparities in Rural Populations (R01 Clinical Trial Optional) (link) – LOI Due 30 Days Prior to Application; Application Due December 13, 2019 - The National Institute of Nursing Research (NINR) intends to commit $2,500,000 in FY 2020 to fund 4 awards. Award Budget: Application budgets are limited to $350,000 per year in direct costs.

NCI Outstanding Investigator Award (R35 Clinical Trial Not Allowed) (link) – Application Due November 6, 2019 – The number of awards is contingent upon NIH appropriations and
the submission of a sufficient number of meritorious applications. Awards will be for $600,000 direct costs per year. The total project period may not exceed 7 years.

**Explainable Artificial Intelligence for Decoding and Modulating Neural Circuit Activity Linked to Behavior (R01 Clinical Trial Optional)** ([link](#)) – LOI Due February 10, 2020; Application Due March 10, 2020 – Number of awards contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Budget: Application budgets are not limited but need to reflect the actual needs of the proposed project.

**NIH Standard Due Dates**

**Wearable Alcohol Biosensors (STTR) (R41/R42- Clinical Trial Optional)** ([link](#)) – Standard Due Dates: January 5, April 5, September 5 – According to statutory guidelines, total funding support (direct costs, indirect costs, fee) normally may not exceed $150,000 for Phase I awards and $1,000,000 for Phase II awards.

**Wearable Alcohol Biosensors (SBIR) (R43/R44- Clinical Trial Optional)** ([link](#)) – Standard Due Dates: January 5, April 5, September 5 – According to statutory guidelines, total funding support (direct costs, indirect costs, fee) normally may not exceed $150,000 for Phase I awards and $1,000,000 for Phase II awards.

**NLM Research Grants in Biomedical Informatics and Data Science (R01 Clinical Trial Optional)** ([link](#)) – Standard Due Dates: February 5, June 5, October 5 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Application budgets are limited to $250,000 per year in direct costs and need to reflect the actual needs of the proposed project.

**Mentored Quantitative Research Development Award (Parent K25 - Independent Clinical Trial Not Allowed)** ([link](#)) – Standard Due Dates: February 12, June 16, October 12 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Award budgets are composed of salary and other program-related expenses, as described below.

**Mentored Quantitative Research Development Award (Parent K25 - Independent Clinical Trial Required)** ([link](#)) – Standard Due Dates: February 12, June 16, October 12 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Award budgets are composed of salary and other program-related expenses, as described below.

**NHLBI Career Transition Award for Intramural Postdoctoral Fellows and Research Trainees (K22 Independent Clinical Trial Not Allowed)** ([link](#)) – Standard Due Dates: February 12, June 12, October 12 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Award budgets are composed of salary and other program-related expenses, as described in the solicitation.

**NSF**

**Secure and Trustworthy Cyberspace (SaTC)** ([link](#)) – Full Proposals Accepted Anytime - CORE and TTP proposals may be submitted in one of the following project size classes: Small projects: up to $500,000 in total budget, with durations of up to three years; Medium projects: $500,001 to $1,200,000 in total budget, with durations of up to four years; EDU proposals are limited to $400,000 in total budget, with durations of up to three years.
NSF/DOE Partnership in Basic Plasma Science and Engineering (link) – Due November 18, 2019; $50,000 to $250,000 range per award; 20-30 awards; Anticipated total funding amount: $3,000,000-$4,000,000.

NSF/Intel Partnership on Foundational Microarchitecture Research (link) – Due November 20, 2019; Anticipated total funding amount: $2,500,000. Award minimum $500,000.

National Robotics Initiative 2.0: Ubiquitous Collaborative Robots (NRI-2.0) (link) – Full Due January 22, 2020 – Foundational projects will range from $250,000 to $750,000 in total costs for up to three years. Integrative projects will range from $500,000 to $1,500,000 in total costs for up to four years. Please refer to Section III for agency-specific budget criteria.

MPS Ceramics (CER) (link) – Full Proposals Accepted Anytime. Investigators are advised that the following dates – March 15 to May 15 and July 15 to Aug. 15 – should, optimally, be avoided for submissions. – Estimated Number of Awards: 25; Anticipated Funding Amount: $10,000,000

NSF PD Opportunities

CBET Biosensing (link) – Full Proposal Accepted Anytime – PD 20-7909

CBET Engineering of Biomedical Systems (link) – Full Proposal Accepted Anytime – PD 20-5345

OAC Cyberinfrastructure for Emerging Science and Engineering Research (CESER) (link) – Full Proposals Accepted Anytime – PD 19-7684

DMR Crosscutting Activities in Materials Research (link) – Full Proposal Accepted Anytime – PD 18-7222

CMMI Advanced Manufacturing (AM) (link) – Full Proposals Accepted Anytime – PD 19-008Y

ECCS Energy, Power, Control, and Networks (EPCN) (link) – Full Proposal Accepted Anytime – PD 18-7607

United States-Israel Binational Science Foundation

United States-Israel Binational Science Foundation Start-Up Research Grants (link) – Due November 20, 2019; $75,000/2 years; The grant is meant to cover personnel, consultants, supplies, small equipment and travel required by the project. The grant will not cover any part of the principal investigator’s salary. At least one of the principal investigators should have attained his/her Ph.D., M.D. degree or equivalent, no more than ten years prior to submitting his/her proposal.

Requests for Information/Notices of Intent

IARPA Biometric Recognition and Identification at Altitude and Range (BRIAR) (link) – Responses Due October 21, 2019

NIH Request for Information (RFI): Inviting comments and suggestions on the development of a prize competition for Gender Diversity in the Biomedical Research Workforce (link) – Responses Due October 31, 2019

Student/Postdoctoral Opportunities
Federal Aviation Administration (FAA) Challenge: Smart Airport Student Competition ([link](#)) – Expression of Interest (EOI) Due October 16, 2019; Q&A Webinar for teams who submitted an EOI: October 24, 2019; Deadline to submit Project Plans: January 13, 2020 – Three finalist teams will compete for a $25,000 prize. Finalists will also receive travel reimbursements up to $6000 to attend a technical conference where they will demonstrate their concepts.

Symantec Corporation Research Labs Graduate Fellowship ([link](#)) – Application Due December 4, 2019 – The SRL Graduate Fellowship provides up to $20,000 USD that may be used to cover one year of the student's tuition fees and/or reimburse expenses incurred by the student during research collaboration with SRL.

DOE Collegiate Wind Competition ([link](#)) – Due December 9, 2019 – The anticipated period of performance is through July 31, 2021 with funding availability of $20,000.00 for each award.

Sierra Nevada Corporation Internships (Summer 2020) ([link](#)) – Cyber Security Intern (Summer 2020); Software Engineering Intern (Summer 2020) and more – Create an account to find out more information.

Grants: They Have a Language All Their Own (Presented by Division of Research – For graduate students and postdocs)
October 21, 2019
1:00 p.m. – 2:00 p.m.
ILSB Auditorium
[Information and Registration](#)

8th Annual U.S. Clean Energy Education and Empowerment (C3E) Women in Clean Energy Symposium and Poster Competition
November 13-14, 2019
Texas A&M University
[Information](#)

Junior Faculty Opportunities
Young Investigator Programs
[http://tees.tamu.edu/researchsupport/young-investigator-programs/](http://tees.tamu.edu/researchsupport/young-investigator-programs/)

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 zijpei@tamu.edu for more information.
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).

Funding Opportunities

United States-Israel Binational Science Foundation

United States-Israel Binational Science Foundation Start-Up Research Grants (link) –
Due November 20, 2019; $75,000/2 years; The grant is meant to cover personnel, consultants, supplies, small equipment and travel required by the project. The grant will not cover any part of the principal investigator’s salary. At least one of the principal investigators should have attained his/her Ph.D., M.D. degree or equivalent, no more than ten years prior to submitting his/her proposal.

Seminars/Events/Workshops

Registration Open
Junior Faculty Proposal Writing Academy: NSF CAREER and Other Young Investigators Program Workshop
November 6, 2019
1:00 p.m. - 4:30 p.m.
Texas A&M Hotel and Conference Center, Hullabaloo Room (2nd Floor)
Information and Registration

KB Science Webinar: DOE Early Career (Presented by Division of Research)
November 19, 2019
11:00 a.m. - 12:00 p.m.
Location: TBD
Information and 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)

**Pivot Workshop via Zoom** (Presented by Division of Research)
October 16, 2019 – 1:30 p.m. - 2:30 p.m. – [Information and Registration](#)

**Hanover Research Keys to Grant Prospecting Webinar**
October 17, 2019
11:00 a.m. - 11:45 a.m. CT
[Information and Registration](#)

**DOE Collegiate Wind Competition Information Webinar**
October 17, 2019
4:00 p.m. - 5:00 p.m. ET (3:00 p.m. - 4:00 p.m. CT)
[Information and Registration](#) – Please note: participation is capped at 500 attendees. Please join my meeting from your computer, tablet or smartphone.
[https://attendee.gotowebinar.com/register/6894459475644687117](https://attendee.gotowebinar.com/register/6894459475644687117)

If you are unable to attend, a recording will be posted to the Collegiate Wind Competition website following the webinar. Go to:
[https://www.energy.gov/eere/collegiatewindcompetition/articles/collegiate-wind-competition-informational-webinar-recording](https://www.energy.gov/eere/collegiatewindcompetition/articles/collegiate-wind-competition-informational-webinar-recording) to view the recording.

**NIH Specific Aims Virtual Workshop** (Presented by Division of Research)
October 23, 2019
12:00 p.m. - 1:30 p.m.
Via Zoom
[Information and Registration](#)

**Oak Ridge National Laboratory Innovation Crossroads: Cohort 4 Innovators Webinar**
October 24, 2019 – 2:30 p.m. ET (1:30 p.m. CT)
[Registration](#)

**Hanover Webinar: Multidisciplinary, Multi-PI, and Multi-Institutional Proposals**
(Presented by Division of Research)
October 24, 2019
1:30 p.m. - 2:30 p.m.
Via Zoom
[Information and Registration](#)
DARPA Nucleic Acids On-Demand Worldwide (NOW) Proposers Day
October 28, 2019
Executive Conference Center, 4075 Wilson Blvd., Suite 300, Arlington, VA
8:00 a.m. - 5:00 p.m. ET
Information and Registration – Registration deadline is October 21, 2019 or when capacity is reached.

Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM) Applicant Webinars (Hosted by NSF)
October 31, 2019
4:00 p.m. - 5:00 p.m. ET (3:00 p.m. - 4:00 p.m. CT)
Information and Registration – Note: There are additional webinars available.

Hanover Webinar: Foundation Outreach, Cultivation, & Proposal Development (Presented by Division of Research)
November 5, 2019
2:00 p.m. - 3:30 p.m.
Via Zoom
Information and Registration

NIH Specific Aims Virtual Workshop
November 6, 2019
12:00 p.m. - 1:30 p.m.
Via Zoom
Information and Registration

NSF Fall 2019 Grants Conference Webcast
November 18-19, 2019
Begins at 8:00 a.m. ET
Registration – See also Virtual Agenda and Speakers.

KB Science Webinar: DOE Early Career Webinar (Presented by Division of Research)
November 19, 2019
11:00 a.m. - 12:00 p.m.
Location: TBD
Information and Registration

Seminars/Events/Workshops for All Faculty
http://tees.tamu.edu/researchsupport/events/

CONACYT Writer’s Workshop
October 16, 2019
10:30 a.m. -11:30 a.m.
Materials Characterization Facility (MCF) & AggieFab Nanofabrication Facility (AggieFab) Open House
October 16, 2019
GERB (1617 Research Parkway), Room 154
Registration

Bioinformatics: Research & Application Symposium
October 18, 2019
Rudder Tower, Room 301
Information and Registration

Grants: They Have a Language All Their Own (Presented by Division of Research – For graduate students and postdocs)
October 21, 2019
1:00 p.m. – 2:00 p.m.
ILSB Auditorium
Information and Registration

Junior Faculty Proposal Writing Academy: Writing Successful Proposals
October 23, 2019
1:30 p.m. - 3:00 p.m.
310 Jack K. Williams Administration Building
Information

The Mary Kay O'Connor Process Safety Center 2019 International Symposium
October 22-24, 2019
Texas A&M Hotel and Conference Center
Information and Registration

Demystifying the NIH (Presented by Division of Research)
October 29, 2019
1:30 p.m. - 3:00 p.m.
MSC, Room 1401
Information

Registration Open
Junior Faculty Proposal Writing Academy: NSF CAREER and Other Young Investigators Program Workshop
November 6, 2019
1:00 p.m. - 4:30 p.m.
Texas A&M Hotel and Conference Center, Hullabaloo Room (2nd Floor)
Information and Registration
NIH Regional Seminar on Program Funding and Grants Administration
November 6-8, 2019
Phoenix, AZ
Information and Registration

Association for the Advancement of Artificial Intelligence (AAAI) Fall Symposium on “AI in Government and Public Sector”
November 7-9, 2019
Arlington, VA
Information and Registration – Registration is now open.

NSF Proposal Supplementary Documents (Presented by Division of Research)
November 20, 2019
1:00 p.m. - 3:00 p.m.
Location: TBD
Information

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.