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
https://vpr.tamu.edu/initiate-research/lsp/lsp

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** NIH Team Based Design in Biomedical Engineering Education – Email of Intent Due February 12, 2020; Internal Proposal Due TBD

**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.

**Limited Submission** Cancer Prevention & Research Institute of Texas (CPRIT) Research Training Awards – Internal Proposal Due March 25, 2020, contact limitedsubmissions@tamu.edu if you have questions

**TEXAS A&M OPPORTUNITIES**

**Texas A&M University Office of the Provost**

**New** Call for Proposals – 2020 Global Engagement Grants (GEG) (See Call for Proposals Attached to Email) – Due March 20, 2020, by 5:00 p.m. – The proposed budget may be up to $50,000 to be expended over a 3-year period.

**Qatar National Research Fund (QNRF)**

Path towards Precision Medicine (PPM) – 4th Cycle (link) – Opening of the online proposal submission: January 15, 2020; Closing of the online proposal submission by LPI: March 25, 2020; Closing of the online Research Office Vetting: April 1, 2020 – For up to four-year awards, application budget may not exceed US $200K for a one-year project, US $400K for a two-year project, US $600K for a three-year project and US $700K for a four-year project. For projects of more than one year, the budget may not exceed US $250K in any year.

**FEDERAL AND OTHER FUNDERS**

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

**Limited Submission** Research Training Awards (link) – Application Window: March 4, 2020 - June 3, 2020 – Applicants may request a maximum of $800,000 in total costs per year for up to 5 years.

**DOC**

National Sea Grant College Program 2020 Special Projects (link) – September 30, 2020

Funding availability may change during the time this competition is open. When updated information about funding becomes available, individual competition announcements will be sent by electronic mail to eligible applicants, and posted under “2020 Special Projects Competition” on the Sea Grant website at http://seagrant.noaa.gov/Funding.

**DOD**

**New** DARPA Gamebreaker (link) – Full Due March 3, 2020 – All proposals in response to the technical area(s) described herein will be submitted to the Gamebreaker AIE Opportunity, solicitation number DARPA-PA-19-03-05, and if selected, will result in an award of an Other Transaction (OT) for Prototype Projects, not to exceed $1,000,000.
Fiscal Year (FY) 2021 Funding Opportunity Announcement (FOA) for the Office of Naval Research (ONR) Manufacturing Science Program (link) – White Paper (mandatory) Due March 6, 2020; Full (by invitation) Due June 8, 2020 – Under this Manufacturing Science Program FOA competition, ONR intends to award up to an estimated total value of $650,000 subject to the availability of funds. Each individual award will be up to a maximum of $100,000 per year, for a period of one (1), two (2) or three (3) years. Three-year-proposals shall be structured with a base and option(s). Applications for larger amounts will be considered on a case-by-case basis.

DARPA Ocean of Things Phase 2 Float Development (link) – Full Due February 25, 2020 – Multiple awards are anticipated.

DARPA Polyplexus Pilot Topic Opportunity Notice for Quantum Causality (Topic 18) (link) – Abstracts Due February 26, 2020; Full Due April 15, 2020 – DARPA Defense Sciences Office intends to make at least one award of up to $100,000 and one year duration as a result of this process.

Broad Agency Announcement (BAA): C4ISR, Information Operations, Cyberspace Operations and Information Technology System Research (link) – White Papers and Proposals are Due by closing date on May 13, 2020 (see Section IV for application and submission information) – Multiple awards are anticipated.

DOD Long-Term Opportunities

Research for Integrated Vehicle Aerodynamic Technologies (RIVAT) (link) – The BAA is open and effective until May 9, 2023. White Papers will be considered if received prior to 1400 EST on May 9, 2023. – The total program value is $4,900,000 with multiple awards ranging from $50,000 to $250,000 (the Government reserves the right to exceed this amount if necessary).

Army Applications Lab BAA for Disruptive Applications Synopsis 2 (link) – This BAA is a continuously open announcement valid throughout the period from the date of issuance through May 1, 2024, unless announced otherwise. – The DoD agencies involved in this program reserve the right to select for award all, some, or none of the proposals submitted in response to this announcement. Due to Government budget uncertainties, no specific dollars have been reserved for awards under this BAA.

AFRL/RXC Structural Materials Open BAA (link) – White Papers may be submitted any time until September 20, 2023; Proposal Due Date to be provided in the Requests for Proposals sent to offerors – The total estimated program value is $99,500,000, with multiple awards ranging from $100,000 to $5,000,000.

IARPA

New Space-based Machine Automated Recognition Technique (SMART) (link) – Full Due April 7, 2020 – Multiple awards are anticipated. The amount of resources made available under this BAA shall depend on the quality of the proposals received and the availability of funds.

NASA

New Space Technology Research Grants Program, Early Career Faculty Appendix (link) – NOI Due February 6, 2020; Full Due March 25, 2020 – The typical annual award value is
$200K; smaller amounts may be proposed. The amount in any year may not exceed $220K and is subject to a maximum limit of $600K for three years.

NIH

**Radiobiology of High Linear Energy Transfer (High LET) Exposure in Cancer Treatment (R01, Clinical Trial Not Allowed)** ([link](#)) – LOI due 30 Days Prior to Application; Application Due March 19, 2020 – NCI intends to commit up to $3.84 million (total costs) in FY 2021 to fund up to three to five R01 awards in the fiscal year 2021. Future year amounts will depend on annual appropriations. Application budgets are not to exceed $499,000 (direct costs) and must reflect the actual needs of the proposed project.

**NIH Standard Due Dates**

**Program to Assess the Rigor and Reproducibility of Extracellular Vesicle-Derived Analytes for Cancer Detection (R01 Clinical Trial Not Allowed)** ([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 not limited but need to reflect the actual needs of the proposed project.

**Stimulating Innovations in Behavioral Intervention Research for Cancer Prevention and Control (R21 Clinical Trial Optional)** ([link](#)) – LOI Due 30 Days Prior to Application; Standard Due Dates: February 16, June 16, October 16 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: The combined budget for direct costs for the two-year project period may not exceed $275,000. No more than $200,000 may be requested in any single year.

**Exploratory/Developmental Bioengineering Research Grants (EBRG) (R21 Clinical Trial Not Allowed)** ([link](#)) – Standard Due Dates: February 16, June 16, October 16 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: The combined budget for direct costs for the two-year project period may not exceed $275,000. No more than $200,000 may be requested in any single year.

**Bioengineering Research Partnerships (U01 Clinical Trial Not Allowed)** ([link](#)) – LOI Due 30 Days Prior to Application; 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 not limited but need to reflect the actual needs of the proposed project.

**Bioengineering Research Grants (BRG) (R01 Clinical Trial Not Allowed)** ([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 not limited but need to reflect the actual needs of the proposed project.

**Medical Simulators for Practicing Patient Care Providers Skill Acquisition, Outcomes Assessment and Technology Development (R01 Clinical Trial Not Allowed)** ([link](#)) – LOI Due 30 Days Prior to Application; 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 not limited but need to reflect the actual needs of the proposed project.

**Synthetic Biology for Engineering Applications (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 not limited but need to reflect the actual needs of the proposed project.

**NIH Exploratory/Developmental Research Grant Program (Parent R21 Clinical Trial Not Allowed) (link)** – Standard Due Dates: February 16, June 16, October 16 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: The combined budget for direct costs for the two-year project period may not exceed $275,000. No more than $200,000 may be requested in any single year.

**NIH Research Project Grant (Parent R01 Clinical Trial Not Allowed) (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 not limited but need to reflect the actual needs of the proposed project.

**Promoting Research in Basic Neuroscience (R01 Clinical Trial Not Allowed) (link)** – Standard Due Dates: February 5, June 5, October 5 – NINDS intends to fund up to 12 awards, corresponding to a total of $5.0 million for fiscal year 2019. Future year amounts will depend on annual appropriations. Award Budget: Application budgets are not limited but need to reflect the actual needs of the proposed project.

**NIBIB Trailblazer Award for New and Early Stage Investigators (R21 Clinical Trial Optional) (link)** – Standard Due Dates: February 16, June 16, October 16 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Application budgets may not exceed $400,000 direct costs over a maximum three-year funding period. No more than $200,000 direct costs may be requested in any single year.

**NSF**


**NSF Presents FY 2021 Budget Request** (focusing on Big Ideas and yet unknown transformative technologies)


**New Dear Colleague Letter: Secure Analog-RF Electronics and Electromagnetics (SARE) (link)**

**Semiconductor Synthetic Biology for Information Storage and Retrieval (SemiSynBio-II) (link)** – Submission Window: February 14, 2020 - March 16, 2020 – Approximately, 8 to 10
multidisciplinary awards will be made in FY 2020, subject to the availability of funds and quality of proposals. Individual projects will be funded at up to $1,500,000 for three years depending on the availability of funds.

**NSF Dynamic Language Infrastructure – NEH Documenting Endangered Languages (DLI-DEL) (data, infrastructure and computational methods) (link)** – Full Due September 15, 2020 – Estimated Number of Awards: 20 to 30: 20-30 including 5 Fellowships. Approximately $4.8 million (approximately $3.8 million from NSF and up to $1 million from NEH); this is the total for awards to be made annually, pending availability of funds.

**Ethical and Responsible Research (ER2) (link)** – Full Due February 24, 2020 – Estimated total annual funding amount is $3,550,000 subject to the availability of funds. The maximum amount for 5-year awards is $600,000 (including indirect costs) and the maximum amount for 3-year awards is $400,000 (including indirect costs). The average award is $275,000.

**NSF PD Opportunities**

- **New Foundational Research in Robotics (Robotics) (link)** – Full Proposal Accepted Anytime – PD 20-144Y
- **CBET Interfacial Engineering (link)** – Full Proposal Accepted Anytime – PD 20-1417
- **CBET Nanoscale Interactions (link)** – Full Proposal Accepted Anytime – PD 20-1179
- **EEC Research in the Formation of Engineers (RFE) (link)** – Full Proposal Accepted Anytime – PD 19-1340
- **Critical Aspects of Sustainability (CAS) (link)** – Full Proposal Accepted Anytime – PD 19-9102

**Nuclear Regulatory Commission (NRC)**

- **New Funding Opportunity Announcement (FOA), Research and Development Grant, Fiscal Year (FY) 2020 (link)** – Due April 10, 2020 – The estimated budget for this program is $5,000,000.00. The NRC anticipates that there may be up to 10 grants awarded as a result of this FOA.

**Requests for Information/Notices of Intent**

- **New NASA Request for Information: Lunar Surface Science Mobility System (LSSMS-1) (link)** – Responses Due March 6, 2020
- **New DOE Request for Information: Biomass Co-Firing Emission Profiles and Impacts on Carbon Capture (link)** Search for DE-FOA-0002281 – Responses Due March 3, 2020
- **New DOE Request for Information: Prediction of Solar Variability for Better Grid Integration (link)** – Responses Due February 29, 2020
- **New DARPA Request for Information: Virtual Models, Controllers, and Subterranean Assets (link)** – Responses Due March 31, 2020
- **New DOE Notice of Intent to Issue a Funding Opportunity for “Solid Oxide Fuel Cell (SOFC), Electrolyzer and Hybrid Technology Development” (link)** – Search for DE-FOA-0002293.

**Student/Postdoctoral Opportunities**

- **ACS Petroleum Research Fund (ACS PRF) Grants (link)** – Due March 13, 2020 – New Directions (ND) Grants: $110,000 over 2 years. Estimated number of grants awarded: 75
each year; Doctoral New Investigator (DNI) Grants: $110,000 over 2 years Estimated number of awards: 75 each year; Undergraduate Research (UR) Grants: $70,000 over 3 years Estimated number of awards: 25 each year; Undergraduate New Investigator (UNI) Grants: $55,000 over 2 years. Estimated number of awards: 25 each year

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 zjpei@tamu.edu for more information.

Funding Opportunities

New NASA Space Technology Research Grants Program, Early Career Faculty Appendix (link) – NOI Due February 6, 2020; Full Due March 25, 2020 – The typical annual award value is $200K; smaller amounts may be proposed. The amount in any year may not exceed $220K and is subject to a maximum limit of $600K for three years.

Seminars/Events/Workshops

Junior Faculty Proposal Writing Academy: NSF CAREER Writing Group
February 12, 2020
1:00 p.m. - 2:30 p.m.
Rudder Tower, Room 407
Information and Registration – This initial meeting will familiarize faculty with the goals and organization of the seventh annual Texas A&M NSF CAREER proposal peer writers’ group.
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 Atmosphere as a Sensor (AtmoSense) Proposers Day and Webcast
February 14, 2020
9:00 a.m. - 3:00 p.m. ET
Executive Conference Center, 4075 Wilson Boulevard, Suite 300, Arlington, VA
Information and Registration – Registration closes on February 12, 2020, at 12:00 p.m. or when capacity is reached.

Navigating the NIH-NSF Divide for Rehabilitation Researchers Webinar
February 19, 2020
1:00 p.m. - 2:30 p.m. ET (12:00 p.m. - 1:30 p.m. CT)
Information and Registration

ARPA-E Seeding Critical Advances for Leading Energy technologies with Untapped Potential (SCALEUP) Webinar
February 24, 2020
1:00 p.m. ET (12:00 p.m. CT)
Information and Registration – Notes: The webinar conversation will not be geared toward FOA applicants, but rather towards their potential partners. The deadline to submit a preliminary application is 9:30 a.m. ET on February 14, 2020.

DARPA High Enthalpy Aperture Technology (HEAT) Proposers Day
March 13, 2020
8:00 a.m. - 2:30 p.m. ET
Executive Conference Center, 4075 Wilson Blvd #300, Arlington, VA
Information and Registration – Registration closes March 6 or when capacity is reached.
Seminars/Events/Workshops for All Faculty

http://tees.tamu.edu/researchsupport/events/

Junior Faculty Proposal Writing Academy: NSF CAREER Writing Group
February 12, 2020
1:00 p.m. - 2:30 p.m.
Rudder Tower, Room 407
Information and Registration – This initial meeting will familiarize faculty with the goals and organization of the seventh annual Texas A&M NSF CAREER proposal peer writers’ group.

Managing Research Data: A Guide to Good Practice
February 12, 2020 – 5:00 p.m. - 6:00 p.m. – Evans Library Annex
February 14, 2020 – 11:00 a.m. - 12:00 p.m. – Evans Library Annex
March 5, 2020 – 3:00 p.m. - 4:00 p.m. – Evans Library Annex
April 6, 2020 – 5:00 p.m. - 6:00 p.m. – Evans Library Annex
Information

Texas A&M-FAPESP Workshop
February 13, 2020
10:30 a.m. - 11:30 a.m.
310 Jack K. Williams Administration Building
Registration

Microscopy and Imaging Center Lunch & Learn Seminar: “Big Data Visualization and Analysis in FIJI”
March 2, 2020
12:00 p.m. – 1:00 p.m.
ILSB 1143
Registration

TUBITAK-QNRF: Smart Cities Workshop (Istanbul)
March 9-10, 2020
Istanbul, Turkey
Registration – Complete the form by February 23, 2020. The aim of the call is to strengthen cooperation between Qatari and Turkish researchers and industrialists/stakeholders in the area of Smart Cities by means of initiating collaboration between academia and industry. The call employs the 2 plus 2 model, which requires the participation of at least one Turkish and one Qatari research institution/university and at least one Turkish and one Qatari industrial or research end user. The workshop will provide a good opportunity for researchers and industrialists/stakeholders from the two countries to interact with each other and explore avenues of collaboration. Please note that you need to arrange and cover your own travel and accommodation.

Demystifying the NSF: NSF Funding Opportunities, Proposal Preparation and Review Process
March 25, 2020