Funding Opportunities

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

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 NSF Innovations in Graduate Education (IGE) Program – Email of Intent Due July 3, 2019; Internal Proposal Due July 11, 2019

Limited Submission Kinship Foundation Searle Scholars Program – Email of Intent Due July 3, 2019; Internal Proposal Due July 10, 2019

Limited Submission NSF Advanced Computing Systems & Services: Adapting to the Rapid Evolution of Science and Engineering Research – Email of Intent Due August 8, 2019; Internal Proposal Due August 15, 2019

Limited Submission NSF Advancing Informal STEM Learning (AISL) – Email of Intent Due August 8, 2019; Internal Proposal Due August 15, 2019

Limited Submission NIH NINDS Neuroscience Development for Advancing the Careers of a Diverse Research Workforce (R25) – Due to the large number of limited submission opportunities available, we have decided to institute a Declaration of Intent to Submit process. If there is no interest in a particular opportunity, there is no need to go through the entire limited submission process. However, if the declarations of intent exceed the sponsor
limit, we will set dates for an internal limited submission competition. 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 **July 15, 2019**.

**DHS (Department of Homeland Security)**

**New** [ERBC NOFO: Community for Engineering Biology Research](link) – Due July 29, 2019 – Up to $445,000

**DOC**

[NIST Economic Research and Analysis of the National Need for Technology Infrastructure to Support the Internet of Things (IoT)](link) – Full Due July 24, 2019 – In Fiscal Year 2019 (FY19), NIST anticipates funding one award for approximately $400,000 with a project performance period of (2) years. The award will be fully funded in the first year.

[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** [FY 2020 Vannevar Bush Faculty Fellowship](link) – White Papers Due August 16, 2019; Invited Full Due January 17, 2020 – It is anticipated that the maximum award will be $3 million per five years, with the actual amount contingent on availability of funds, the specific topic, and the scope of the proposed work.

**New** [Funding Opportunity Announcement FY2020 Office of Naval Research (ONR) Young Investigator Program (YIP) Synopsis 2](link) – Full Due August 16, 2019 – Typical awards are $510,000 over a 36-month period of performance. Applicants may request up to $170,000 for each 12-month interval.

**New** [DARPA SBIR/STTR Opportunity: Extreme Environment Sensors](link) – Due August 6, 2019 – For this SBO, DARPA will accept Phase I proposals for cost of up to $225,000 for a 6-month period of performance. DARPA will accept DP2 proposals for a cost up to $1,750,000. This is inclusive of a 24-month Phase II base period and a 10-month Phase II option period, not to exceed a cost of $1,500,000. A separately priced option of up to $250,000 shall be proposed for participation in the DARPA Entrepreneurial Investigator Initiative.

**New** [DARPA SBIR/STTR Opportunity: Medical Implants from Molecular Assembly](link) – Due August 6, 2019 – For this SBO, DARPA will accept DP2 proposals for cost up to $2,250,000. This includes a 12 month base period not to exceed a cost of $1,000,000 and a 12 month option period not to exceed a cost of $1,000,000. A separately priced option of up to $250,000 must also be proposed for contractors who would like to be considered for participation in the DARPA Entrepreneurial Investigator Initiative.
New DARPA SBIR/STTR Opportunity: Robust Transceiver Modules for Femtosecond-Level, Free-Space Optical Time and Frequency Transfer to Mobile Platforms (link) – Due August 6, 2019 – For this SBO, DARPA will accept DP2 proposals for cost up to $1,750,000. This includes a 12 month base period not to exceed a cost of $750,000 and a 12 month option period not to exceed a cost of $750,000. A separately priced option of up to $250,000 must also be proposed for contractors who would like to be considered for participation in the DARPA Entrepreneurial Investigator Initiative.

New DARPA SBIR/STTR Opportunity: Side Channel Attack Testbench Estimator (SCATE) (link) – Due August 6, 2019 – For this SBO, DARPA will accept Phase I proposals for cost of up to $200,000 for a 3-month period of performance for a study, as described in Section II. DARPA will accept DP2 proposals for a total cost up to $4,250,000 (see solicitation for structure).

New DARPA SBIR/STTR Opportunity: CHAracterization of Intrinsic Novelty (CHAIN) (link) – Due August 6, 2019 – For this SBO, DARPA will accept Phase I proposals only, for cost of up to $225,000 for a 6 month period of performance. Proposers awarded a Phase I contract will be eligible to submit a proposal for Phase II, for a cost up to $1,250,000. This includes an 18 month base period not to exceed a cost of $1,000,000 and a separately priced option of up to $250,000 for participation in the DARPA Entrepreneurial Investigator Initiative.

New Congressionally Directed Medical Research Programs (CDMRP) Funding Opportunities and Pre-announcements (link) – Psychological Health and Traumatic Brain Injury Research Program, Defense Medical Research and Development Program JPC-8/CRMRP, Orthotics and Prosthetics Outcomes Research Program, Prostate Cancer Research Program – Due Dates and Awards Vary for Each Mechanism

DARPA Program Announcement for Artificial Intelligence Exploration (AIE) (link) – Due July 20, 2019 – Multiple awards are anticipated. The amount of resources made available under each AIE Opportunity issued under DARPA-PA-18-02 will depend on the quality of the proposals received and the availability of funds.

DARPA Polyplexus Pilot 2 (link) – Final Abstract Due August 14, 2019; Final Full Due September 3, 2019 – Approximately 10 awards at the $100,000 level are anticipated throughout the duration of this Broad Agency Announcement (BAA); however, the level of funding for individual awards made under this solicitation has not been predetermined and will depend on the scope and quality of the proposals received, as well as the availability of funds.

ONR Long Range Broad Agency Announcement (BAA) for Navy and Marine Corps Science & Technology (link) – The Government reserves the right not to review proposals submitted after 30 September 2019, or after a successor to this Long Range BAA is issued, whichever occurs first. – The funded amount and period of performance of each proposal selected for award may vary depending on the research area and the technical approach to be pursued by the offeror selected.

DTRA Fundamental Research to Counter Weapons of Mass Destruction (link) – Due September 30, 2019 – 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.

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

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

New Electric Grid of Things – Attaining Resilience Objectives With Networks of Sensing Intelligent Machines (link) – Concept Papers Due July 17, 2019; Full Due September 9, 2019 – Anticipated Number of Awards: 3-5; Estimated Federal Funding: Up to $6,700,000

DOE Long-Term Opportunities
FY2019 Continuation of Solicitation for the Office of Science Financial Assistance Program (link) – This Funding Opportunity Announcement (FOA) will remain open until September 30, 2019 or until replaced by a successor FOA. Applications may be submitted any time during that period. A Pre-Application is optional/encouraged. – The award size will depend on the number of meritorious applications and the availability of appropriated funds. Ceiling: The largest award made under the Fiscal Year 2016 version of this FOA received no more than $4,000,000 in annual funding. Floor: The smallest award made under the Fiscal Year 2016 version of this FOA received $3,000 in annual funding.

NIH New Notice of Pre-Application Webinars for the High-Risk, High-Reward Research Program's Pioneer (RFA-RM-19-005), New Innovator (RFA-RM-19-006), Transformative Research (RFA-RM-19-007), and Early Independence (RFA-RM-19-008) Awards (link)

New Bridges to the Doctorate Research Training Program (T32) (link) – Due September 25, 2019 – 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. NIGMS expects to fund programs at or below 15 trainees, as appropriate to the institutional capabilities.

New Bridges to the Baccalaureate Research Training Program (T34) (link) – Due September 25, 2019 – 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.

NINDS Neuroscience Development for Advancing the Careers of a Diverse Research Workforce (R25) (link) – LOI Due 30 Days prior to Application; Application Due September 25, 2019 – 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 a maximum of $250,000 direct cost per year, and must reflect the actual needs of the proposed project.

NIH Director’s Transformative Research Awards (R01 Clinical Trial Optional) (link) – Due September 20, 2019 – NIH Common Fund intends to commit approximately $8 million dollars in FY 2020 and make approximately 7 awards, depending on the size and scope of the most meritorious awards. Award Budget: Application budgets are not limited but need to reflect the actual needs of the proposed project.

NIH Director’s Pioneer Award Program (DP1 Clinical Trial Optional) (link) – Due September 9, 2019 – NIH intends to commit approximately $8,000,000 in FY 2020 to fund approximately 7 awards. Award Budget: Awards will be for $700,000 in direct costs per year. Project period limited to 5 years.

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 Optional)** ([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**

**NSF’s SBIR/STTR Submission Window is Open**

A new proposal submission window is now open until December 12! Small businesses that have received an invitation (via the Project Pitch Pilot) are now able to submit their full proposal at any time. A submission “window,” rather than a deadline, allows invited small businesses more flexibility in deciding when to submit a full proposal.

Submit your three-page pitch and know within three weeks if you meet the program’s objectives to support innovative technologies that show promise of commercial and/or societal impact and involve technical risk. Visit the [Apply Page](#) to learn more about the Project Pitch Pilot.


**New** [Dear Colleague Letter: Directorate for Engineering, Division of Industrial Innovation and Partnerships (IIP), Announces a Nationwide Search to Fill Multiple Program Director Positions for the Small Business Innovation Research/Small Business Technology Transfer (SBIR/STTR) Program (Open Until Filled)](#)**
Limited Submission Innovations in Graduate Education (IGE) Program (link) – Full Due September 27, 2019 – IGE Awards (6 to 10 anticipated in FY 2018) are expected to be up to three (3) years in duration with a total budget between $300,000 and $500,000.

Secure and Trustworthy Cyberspace frontiers (SATC Frontiers) (link) – LOI Due July 5, 2019, Full Due September 30, 2019. Award size: $5,000,000 - $10,000,000 for up to 5 years. Anticipated Total funding amount: $15,000,000 for 2 awards.

CyberCorps® Scholarship for Service (SFS) – Defending America’s Cyberspace (link) – Full Due July 31, 2019 – Estimated Number of Awards: 8 to 12; Anticipated Funding Amount: $15,000,000

Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII) (link) – Full Due August 14, 2019 – CISE expects the total funding to be up to $10,000,000 each year, subject to the availability of funds. Each award will be up to $175,000 for a period of 24 months.

Computing and Communication Foundations (CCF): Core Programs (link) – Due September 9, 2019 - September 16, 2019 for MEDIUM projects; October 31, 2019 - November 14, 2019 for SMALL projects – Small Projects: up to $500,000 total budget with durations up to three years; and Medium Projects: $500,001 to $1,200,000 total budget with durations up to four years.

Computer and Network Systems (CNS): Core Programs (link) – Due September 9, 2019 - September 16, 2019 for MEDIUM projects; September 18, 2019 - September 25, 2019 for LARGE projects; October 31, 2019 - November 14, 2019 for SMALL projects – Small Projects: up to $500,000 total budget with durations up to three years; Medium Projects: $500,001 to $1,200,000 total budget with durations up to four years; and Large Projects: $1,200,001 to $3,000,000 total budget with durations up to five years.

Information and Intelligent Systems (IIS): Core Programs (link) – Due September 9, 2019 - September 16, 2019 for MEDIUM Projects; September 18, 2019 - September 25, 2019 for LARGE Projects; October 31, 2019 - November 14, 2019 for SMALL Projects – Small Projects: up to $500,000 total budget with durations up to three years; Medium Projects: $500,001 to $1,200,000 total budget with durations up to four years; and Large Projects: $1,200,001 to $3,000,000 total budget with durations up to five years.

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

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
Requests for Information/Notices of Intent

New Request for Information: Seeking Data Sources for Technology Performance Prediction (link) – Responses Due August 8, 2019

NIH Notice of Intent to Publish a Funding Opportunity Announcement for Innovative Programs to Enhance Research Training (IPERT) R25 (link) – Estimated Post Date July 25, 2019; Estimated Application Due Date October 15, 2019.

Student/Postdoctoral Opportunities

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
Poster Competition – The 2019 C3E poster committee will award a cash prize for the most compelling posters and presentations. Awards will be announced at the symposium.

Junior Faculty Opportunities

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 zjpei@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

New JF Funding Opportunity Announcement FY2020 Office of Naval Research (ONR) Young Investigator Program (YIP) Synopsis 2 (link) – Full Due August 16, 2019 – Typical awards are $510,000 over a 36-month period of performance. Applicants may request up to $170,000 for each 12-month interval.

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Seminars/Events/Workshops

Future Seminars/Events/Workshops will be posted here.

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 Gamma Ray Inspection Technology (GRIT) Proposers Day Webcast
July 8, 2019
2:00 p.m. ET (1:00 p.m. CT)
Information and Registration – Slides will be posted on July 9, 2019, by 4:00 p.m. ET. Registration closes on July 1, 2019, or when capacity is reached.

Seminars/Events/Workshops for All Faculty
http://tees.tamu.edu/researchsupport/events/
ARPA-E Energy Innovation Summit
July 8-10, 2019
Gaylord Rockies, Denver, CO
Information and Registration

Amazon Web Services – IMAGINE: A Better World, A Global Education Conference
July 10-11, 2019
The Conference Center at the Washington State Convention Center, Seattle, WA
Information and Registration

Workshop: How to Engineer Engineering Education (presented by Bucknell University)
July 17-19, 2019
Bucknell University, Lewisburg, PA
Information – Applications are accepted on a first-come, first-served basis. There is a cost to attend. To apply, click here.

AFWERX Fusion Xperience 2019
July 23-24, 2019
Enclave, Las Vegas, NV
Information and Registration

15th International Conference on Polymers for Advanced Technologies (PAT 2019)
August 8-10, 2019
Texas A&M University
Information

Texas A&M Conference on Energy
September 23-25, 2019
Memorial Student Center
Information and Registration

Defense TechConnect Fall Conference & Expo
October 8-10, 2019
National Harbor, MD
Information and Registration – Call for Innovations and Call for Posters due June 28, 2019.

Amazon Web Services – re:Invent Conference
December 2-6, 2019
Las Vegas, NV
Information and Registration – Use code AWSreSummer19 to save $100 on registration. Offer valid through July 31, 2019, or while supplies last.

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.