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** Breast Cancer Alliance Young Investigator Grants – Email of Intent Due April 17, 2019; Internal Proposal Due April 24, 2019

**Limited Submission** Conservation, Food, and Health Foundation – Email of Intent Due April 17, 2019; Internal Proposal Due April 24, 2019

**Limited Submission** Brain Research Foundation Scientific Innovations Award – Email of Intent Due April 26, 2019; Internal Proposal Due May 3, 2019

**Limited Submission** Pew Charitable Trusts Pew Biomedical Scholars – Email of Intent Due May 1, 2019; Internal Proposal Due May 8, 2019

**Limited Submission** NIH Data Science Research: Personal Health Libraries for Consumers and Patients – Email of Intent Due May 3, 2019; Internal Proposal Due May 10, 2019

**Limited Submission** Edward Mallinckrodt, Jr. Foundation Mallinckrodt Grants – Email of Intent Due May 17, 2019; Internal Proposal Due May 24, 2019

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**TEES Research Development**
Proposal Development Assistance

For assistance, please contact Dr. Laurie Garton at lsgarton@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.

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DOD
**New** DARPA Automatic Implementation of Secure Silicon (AISS) ([link](#)) – Due May 20, 2019 – Approximately $75M of funding is anticipated for all awards made against this BAA. Multiple awards are anticipated in each technical area. DARPA anticipates at least two primes each pursuing parallel ARM and RISC-V solutions.

**New** Research Interests of the Air Force Office of Scientific Research Synopsis 5 ([link](#)) – Approximately $300 million is anticipated to be available for support of actions awarded under this announcement, subject to availability of funds. Research proposals funded between $200,000 and $400,000 per year are encouraged. Most of our awards are three (3) years in duration. Awards may be proposed for not more than five (5) years. – This announcement remains open until superseded. We review and evaluate proposals as they are received. You may submit proposals at any time; however, some specific topic instructions may recommend submission by specific dates that align with funding expectations.

**New** Congressionally Directed Medical Research Programs (CDMRP) Funding Opportunities and Pre-announcements ([link](#)) – Gulf War Research Program, Lupus Research Program, Melanoma Research Program, Vision Research Program, Bone Marrow Research Program, Multiple Sclerosis Research Program, Ovarian Cancer Research Program – Due Dates and Awards Vary for Each Mechanism – Information about the DOD Spinal Cord Injury Research Program is available on Grants.gov: Translational Research Award, Investigator-Initiated Research Award, and Clinical Trial Award.

**R** DARPA Real Time Machine Learning (RTML) ([link](#)) – Full Due May 1, 2019 – Anticipated Funding Available for Award: $10M; Anticipated individual awards: Multiple awards are anticipated.

**R** DARPA Polyplexus Pilot Topic Opportunity Notice - Quantum Machine Learning (08) ([link](#)) – Abstract Due May 8, 2019; Full Due June 14, 2019 – 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.

**R** Fiscal Year 2020 Defense University Research Instrumentation Program (DURIP) Synopsis 2 (AFOSR: FOA-AFRL-AFOSR-2019-0001; ARO: W911NF19S0005; ONR: N00014-19-S-F007) ([link](#)) – Full Due May 17, 2019 – With few exceptions, a DURIP award provides between $50,000 and $1,500,000 in DoD funding for the purchase of major equipment or instrumentation.

**DOD Long-Term Opportunities**

**R** DTRA Fundamental Research to Counter Weapons of Mass Destruction (C-WMD) HDTRA1-14-24-FRCWMD-BAA Amendment 9 Synopsis 15 ([link](#)) – Pre-application white papers may be evaluated any time after receipt. Invitations for full proposal submission may occur any time after the pre-application white paper evaluation and will be limited to available program funds. This BAA is in effect from March 2015 through September 2024. – Grants 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.

**DOE**

**New** DOE Traineeship in Accelerator Science and Technology Synopsis 1 ([link](#)) – Due May 31, 2019 – DOE plans up to two awards from this FOA. The overall funding per award is anticipated to be $1.5-2.5 million. There is no upper limit on the number of students who
apply for traineeships who may be accepted at a particular University under these cooperative agreements (See Section I, Part C.).

**DOJ**

*Artificial Intelligence Research and Development to Support Community Supervision* (link)

– Applications Due May 13, 2019 – NIJ expects to make one or more awards with an estimated total amount awarded of up to $3 million in FY2019. Successful applicants will be expected to complete the work proposed within a five-year period of performance.

**NASA**

*New ROSES 2019: Instrument Incubator Program* (link) – Pre-proposal Bidders conference: May 15, 2019; NOIs Due May 31, 2019; Proposals Due July 12, 2019 - **Instrument Development and Demonstration Funding:** The total funding available for the Instrument Development and Demonstration sub-element of the program element will limit the number and magnitude of the proposals awarded. It is anticipated that a total of 12-16 proposals will be selected and the value of each will be approximately $1.5M per year.

**Instrument/Measurement Concept Demonstration Funding:** The total funding available for the Instrument/Measurement Concept Demonstration sub-element of the program element will limit the number and magnitude of the proposals awarded. It is anticipated that a total of 3-5 proposals will be selected and the value of each will be approximately $500K per year.

*Research Opportunities in Space and Earth Sciences 2019 (ROSES-2019)* (link) – Full (Step 2) proposals due no earlier than June 12, 2019, through no later than April 30, 2020. – The amount of funds expected to be available for new awards for proposals submitted in response to this NRA is given in the Summary Table of Key Information at the end of each program element in the appendices. ROSES is an omnibus solicitation, with many individual program elements, each with its own due dates and topics. Tables 2 and 3 of this NRA, at [http://solicitation.nasaprs.com/ROSES2019table2](http://solicitation.nasaprs.com/ROSES2019table2) and [http://solicitation.nasaprs.com/ROSES2019table3](http://solicitation.nasaprs.com/ROSES2019table3), respectively, provide proposal due dates and hypertext links to descriptions of the solicited program elements in the Appendices of this NRA.

**NIH**

*New BRAIN Initiative: Secondary Analysis and Archiving of BRAIN Initiative Data (R01 Clinical Trial Not Allowed)* (link) – LOI due 30 Days Prior to Application; Application Due September 9, 2019, and June 11, 2020 – Issuing IC and partner components intend to commit an estimated total of $4,000,000 to fund 8 awards in FY2020. Award Budget: Application budgets are limited to $300,000 (direct costs) each year but need to reflect the actual needs of the proposed project.

*New BRAIN Initiative: Tools to Facilitate High-Throughput Microconnectivity Analysis (R01 Clinical Trial Not Allowed)* (link) – LOI Due 30 Days Prior to Application; Application Due September 27, 2019, and September 30, 2020 – Issuing IC and partner components intend to commit an estimated total of $4 million to fund 3-7 awards in FY2020. Award Budget: Application budgets are not limited but need to reflect the actual needs of the proposed project.

**NIH Standard Due Dates**
New **Focused Technology Research and Development (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.

New **Exploratory Research for Technology Development (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: Application budgets are limited to a total of $275,000 Direct Costs over the two-year project period. No more than $200,000 Direct Costs may be requested in any single year. The budget must be well justified and reflect the actual needs of the proposed project.

**Initiative to Maximize Research Education in Genomics: Courses (R25 Clinical Trial Not Allowed)** ([link](#)) – LOI Due 30 Days Prior to Application; Standard Due Dates: January 25, May 25, September 25 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Short-Term Courses: Up to $75K direct cost per year may be requested. Long-Term Courses: Up to $150K direct cost per year may be requested.

**NSF**

**Real-Time Machine Learning (RTML)** ([link](#)) – Full Due June 6, 2019 – Estimated Number of Awards: 8 to 12; Anticipated Funding Amount: $10,000,000; Award size: Small Awards: up to $500,000 for 3 years; Large Awards: up to $1,500,000 for 3 years.

**Cyber-Physical Systems (CPS)** ([link](#)) – Submission Window: September 12-26, 2019 for Frontier projects – Estimated Number of Awards: 35 to 45; Subject to receipt of sufficient meritorious proposals and pending availability of funds. Anticipated Funding Amount: $51,500,000

**Quantum Leap Challenge Institutes (QLCI)** ([link](#)) – **Letter of Intent Due Dates:** June 3, 2019 (for Round I QLCI proposals); August 3, 2020 (for Round II QLCI proposals). **Preliminary Proposal Due Dates:** August 1, 2019 (for Round I QLCI proposals); September 01, 2020 (for Round II QLCI proposals). **Full Proposal Deadlines:** January 02, 2021 (for Round I QLCI full proposals by invitation only); February 1, 2021 (for Round II QLCI full proposals by invitation only). – An estimated 1 to 3 Challenge Institute (CI) awards will be granted in each of the two competition rounds. The QLCI program will support two types of awards: Conceptualization Grants (CGs) funded at a level of $100,000 - $150,000 for 12 months. Challenge Institute (CI) awards funded at a level of up to $5,000,000/year for 5 years.

**EHR Core Research: Production Engineering Education and Research (ECR: PEER)** ([link](#)) – Full Due May 15, 2019 – NSF expects to make up to five awards in Track 1 (Course, Curriculum and Evaluation) and five awards in Track 2 (Workforce Development Workshops). Maximum Amount Per Award: Track 1: $2,000,000 for a maximum of three years; Track 2: $100,000 for a maximum of one year.

**Signals in the Soil (SitS)** ([link](#)) – Full Due May 15, 2019 – Estimated Number of Awards: 5 to 10; The total amount available for this solicitation is $5,600,000 and £8,000,000. Of this amount, NSF anticipates contributing approximately $4,600,000 (for the US collaborators only), USDA NIFA anticipates contributing approximately $1,000,000 (for the US
collaborators only), and UKRI anticipates contributing £8,000,000 (for the UK collaborators only). These amounts are subject to the availability of funds. This program solicitation is being released prior to the passage of the relevant appropriations. Enactment of additional continuing resolutions or an appropriations act may affect the availability of funds or level of funding for this program. Projects will request three years of support with a total budget less than or equal to $800,000 per project for the US portion, and three years of support with a total budget less than or equal to £800,000 (at 80% full economic costs/FEC) per project for the UK portion.

Dear Colleague Letter: NSF Convergence Accelerator Pilot (NSF C-Accel) (link)

Requests for Information/Notices of Intent

New IARPA Request for Information: Camera Network Research Data Collection (link) – Responses Due May 10, 2019

New IARPA Request for Information: Innovative Technologies for Small Satellites (link) – Responses Due May 31, 2019

Student/Postdoctoral Opportunities

New NNSA Graduate Fellowship Program (NGFP) (link) – Applications Due October 2, 2019 – NGFP Fellows receive competitive salaries, benefits, and other incentives including: Annual salary: $53,300 ($63,550 for post-doctoral Fellows); Hiring incentive: $4,000 (taxed); Medical benefits; Vacation and holidays; Tuition reimbursement (criteria apply); Training, professional development, and networking opportunities; $10,000 travel/training allotment

This section contains resources, funding opportunities and seminars, events, and workshops of special interest to junior faculty. See Seminars/Events/Workshops below for more offerings.

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.

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.
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

Future Funding Opportunities will be posted here.

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)

NSF SBIR/STTR Project Pitch & Program Overview Webinar
April 24, 2019 – 2:00 p.m. - 3:30 p.m. ET
Information and Registration

NSF Convergence Overview – Presented by the Division of Research
April 26, 2019
10:00 a.m. - 11:00 a.m. CT
Session number: 928 478 615
Session password: aggies2019

To join the webinar:
1. Go to https://vpr-tamu.webex.com/vpr-tamu/k2/j.php?MTID=t1353f0a8e83d698341cf9465189db6cc
2. Enter your name and email address.
3. Enter the session password: aggies2019
4. Click “Join Now”.
5. Follow the instructions that appear on your screen.

Host’s name: TAMU Research
Host’s email: support@vpr.tamu.edu

DARPA Discover DSO Day
June 18-19, 2019
Arlington, VA
Information and Registration – Registration information will be provided in a separate announcement anticipated for publication in late Spring 2019.

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

TAMIDS Workshop on Data Science/AI/ML in Education – Call for Abstracts and Registration
April 24, 2019
MSC Room 2300
Registration for Attendance: All attendees including speakers are requested to register for the workshop. Registration is prioritized to faculty, researchers, and staff until April 14, 2019, and will be opened to students thereafter. Register to attend here.

Microscopy and Imaging Center Scanning Electron Microscopy Workshop
June 10-12, 2019
Information and Registration

DARPA Electronics Resurgence Initiative (ERI) Summit 2019
July 15-17, 2019
Detroit, MI
Information and Registration – Registration closes June 24 or when capacity is reached.

Save the Date
Texas A&M Conference on Energy
September 23-25, 2019
Information – The deadline for abstract submission is May 1, 2019.

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.