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 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** Alfred P. Sloan Foundation 2020 Sloan Research Fellowships – Email of Intent Due August 27, 2019; Internal Proposal Due August 27, 2019

**Limited Submission** NSF Critical-Zone Collaborative Network – Email of Intent Due September 4, 2019; Internal Proposal Due September 11, 2019

**Limited Submission** National Science Foundation Research Traineeship (NRT) Program – Email of Intent Due September 6, 2019; Internal Proposal Due September 13, 2019

Qatar National Research Fund
National Priorities Research Program-Standard (NPRP-S) 12th Cycle (link) – Close IRP submission by Program Director and RO vetting process: September 1, 2019

Cancer Prevention and Research Institute of Texas (CPRIT)
Evidence-Based Cancer Prevention Services (link) – Due September 4, 2019 – Award: Maximum of $1,000,000; maximum duration of 36 months
Expansion of Cancer Prevention Services to Rural and Medically Underserved Populations (link) – Due September 4, 2019 – Award: Maximum of $2,000,000; maximum duration of 36 months
Tobacco Control and Lung Cancer Screening (link) – Due September 4, 2019 – New Awards: Maximum of $1,000,000; maximum duration of 36 months. Expansion Awards: Maximum of $1,000,000; maximum duration of 36 months

DOD
New DARPA Polyplexus Pilot Topic Opportunity Notice for Rethink Physics Modeling (Topic 13) (link) – Abstracts Due August 30, 2019; Full Due October 14, 2019 – Abstracts and proposals submitted in response to the technical area description that emerges from the online interactions will be evaluated against the evaluation criteria in HR001119S0075. The process, evaluation criteria, abstract submission instructions, and proposal submission instructions are described in the BAA HR001119S0075, which is the companion document to this Polyplexus Pilot Topic Opportunity Notice.
New DARPA Polyplexus Pilot Topic Opportunity Notice for Hardware Trojan Identification (Topic 14) (link) – Abstracts Due September 9, 2019; Full Due October 21, 2019 – Abstracts and proposals submitted in response to the technical area description that emerges from the online interactions will be evaluated against the evaluation criteria in HR001119S0075. The process, evaluation criteria, abstract submission instructions, and proposal submission instructions are described in the BAA HR001119S0075, which is the companion document to this Polyplexus Pilot Topic Opportunity Notice.
New DARPA Polyplexus Pilot Topic Opportunity Notice for Quantum Bio-Computing (Topic 15) (link) – Abstracts Due September 16, 2019; Full Due October 29, 2019 – Abstracts and proposals submitted in response to the technical area description that emerges from the online interactions will be evaluated against the evaluation criteria in HR001119S0075. The process, evaluation criteria, abstract submission instructions, and proposal submission instructions are described in the BAA HR001119S0075, which is the companion document to this Polyplexus Pilot Topic Opportunity Notice.
New DARPA Polyplexus Pilot Topic Opportunity Notice for Cognitive Dissonance Detection (Topic 16) (link) – Abstract Due September 23, 2019; Full Due November 4, 2019 – Abstracts and proposals submitted in response to the technical area description that emerges from the online interactions will be evaluated against the evaluation criteria in HR001119S0075. The process, evaluation criteria, abstract submission instructions, and proposal submission instructions are described in the BAA HR001119S0075, which is the companion document to this Polyplexus Pilot Topic Opportunity Notice.
DARPA Polyplexus Pilot 3 (link) – BAA Closes July 2, 2020; Polyplexus Pilot Topic Opportunity Notices will be released on http://fbo.gov – Approximately 20 awards at the estimated $100,000 level are anticipated throughout the duration of this Broad Agency Announcement (BAA); however, the level of funding for individual awards has not been
predetermined and will depend on the scope and quality of the proposals received, as well as the availability of funds. Individual Polypexus Pilot Topic Opportunity Notices may provide additional guidance on award levels.

**DOD Long-Term Opportunities**

**Naval Air Warfare Center Aircraft Division (NAWCAD) Office-Wide BAA** ([link](#)) – This announcement will remain open for one (1) year from the date of publication, or until replaced by a successor BAA. Proposals may be submitted at any time during this period. Closes June 6, 2020 – Multiple awards are anticipated. The level of funding for individual awards made under this solicitation have not been predetermined and will depend on the quality of the white papers received and the availability of funds.

**NASA**

**New** **D.4 University Leadership Initiative 2 (ULI2)** ([link](#)) – Step-A proposals are required, in place of the NOI, and are due 08/27/2019. Step-B proposals will be due 60 days after the notification for Step-B proposals is issued. – The UI Project anticipates investing in four awards with nominal budgets in the $1-2M range per award per year. Proposals are invited for the 3-4 year range. Maximum total budgets must range between $3-8M per award, depending on the award duration.

**Human Exploration Research Opportunities (HERO) Overview** ([link](#)) – Please note that the HERO Overview document is not soliciting proposals or offering funding opportunities. It is an umbrella document that contains the program description and the requirements/rules for submissions to any of the appendices. The appendices contain the funding opportunities. Submissions are made in response to the topics listed in the specific appendices and must follow the rules and regulations outlined in the overview document unless the appendix says otherwise.

**New** **HERO Appendix A: NASA Research and Technology Development to Support Crew Health and Performance in Space Exploration Missions** ([link](#)) – Step 1 Proposals September 5, 2019; Step 2 Proposals Due December 2, 2019 – The selected proposals are expected to be funded as research grants in one-year increments. The mechanism for funding each successful proposal will be a single grant, with funding allocations to participating investigators based on the submitted budget, available funds, and project review.

**New** **HERO Appendix B: NASA Human Research Program Omnibus Opportunity** ([link](#)) – Step 1 Proposals Due September 5, 2019; Step 2 Proposals Due December 2, 2019 – NASA awards for this Omnibus opportunity can cost no more than $150,000 per award. NASA does not provide separate funding for direct and indirect costs; thus, the amount of the award requested is the total of all costs submitted in the proposed budget. It is estimated that the initial selections will be announced by April 2020, and the grant will be awarded in a reasonable timeframe thereafter.

**New** **NASA Innovative Advanced Concepts (NIAC) Phase I** ([link](#)) – Step A Proposal Due September 20, 2019; Step B Proposal by Invitation Due December 13, 2019 – NIAC Phase I awards will be up to $125,000 (including civil servant labor costs), for a typical duration of up to nine months. **Note:** The National Aeronautics and Space Administration (NASA) Headquarters, has released a solicitation, titled "NASA Innovative Advanced Concepts

**Research Opportunities in Space and Earth Sciences 2019 (ROSES-2019)** ([link](http://solicitation.nasaprs.com/ROSES2019table2)) – 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 Mechanism for Time-Sensitive Research Opportunities in Environmental Health Sciences (R21 Clinical Trial Not Allowed)** ([link](http://solicitation.nasaprs.com/ROSES2019table3)) – LOI Due 30 Days Prior to Application; Application Due November 1, 2019; December 2, 2019; January 2, 2020; February 3, 2020 (see solicitation for additional dates, which are monthly) – NIEHS intends to commit $800,000 per year for fiscal years 2020, 2021, 2022, 2023 to fund 4-5 awards each year. Future year amounts will depend on annual appropriations. Award Budget: The combined budget for direct costs for the 2-year project period may not exceed $275,000. No more than $200,000 may be requested in any single year.

**BRAIN Initiative: Secondary Analysis and Archiving of BRAIN Initiative Data (R01 Clinical Trial Not Allowed)** ([link](http://solicitation.nasaprs.com/ROSES2019table2)) – 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.

**BRAIN Initiative: Tools to Facilitate High-Throughput Microconnectivity Analysis (R01 Clinical Trial Not Allowed)** ([link](http://solicitation.nasaprs.com/ROSES2019table3)) – 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**

**Research to Understand and Inform Interventions that Promote the Research Careers of Individuals in the Biomedical Sciences (R01 - Clinical Trial Not Allowed)** ([link](http://solicitation.nasaprs.com/ROSES2019table2)) – LOI Due 30 Days Prior to Application; Standard Due Dates: March 5, July 5, November 5 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. The NIGMS expects to award 3-5 applications per fiscal year. Award Budget: Application budgets are limited to $250,000 direct costs per year.

**PHS 2019-02 Omnibus Solicitation of the NIH for Small Business Technology Transfer Grant Applications (Parent STTR [R41/R42] Clinical Trial Not Allowed** ([link](http://solicitation.nasaprs.com/ROSES2019table2)) – Standard
Due Dates: September 5, January 5, April 5 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Total funding support (direct costs, indirect costs, fee) normally may not exceed $252,131 for Phase I awards and $1,680,879 for Phase II awards.

**PHS 2019-02 Omnibus Solicitation of the NIH, CDC, and FDA for Small Business Innovation Research Grant Applications (Parent SBIR [R43/R44] Clinical Trial Not Allowed) [link]** – Standard Due Dates: September 5, January 5, April 5 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Total funding support (direct costs, indirect costs, fee) normally may not exceed $252,131 for Phase I awards and $1,680,879 for Phase II awards.

**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.

**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**

**New Limited Submission National Science Foundation Research Traineeship (NRT) Program** [link] – LOI Due November 25, 2019 - December 6, 2019; Full Due February 6, 2019 – $45,000,000 NRT Awards (14-15 anticipated each year) are expected to be up to five (5) years in duration with a total budget up to $3,000,000.

**New Dear Colleague Letter: Understanding the Overturning Circulation in the North Atlantic Ocean** [link] –

**Limited Submission Advanced Computing Systems & Services: Adapting to the Rapid Evolution of Science and Engineering Research** [link] – Full Due November 5, 2019 – Anticipated Funding Amount: $5,000,000 to $10,000,000 per award. A total of $30,000,000 is available for this solicitation, subject to the availability of funds. It is anticipated that 1-2 awards will be made in Category I at up to $10,000,000 per award for up to five years and up to 1-2 awards in Category II at up to $5,000,000 per award for up to five 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

Requests for Information/Notices of Intent

New NASA-Themed STEM Student Challenge Request for Information (RFI) (link) – Responses Due August 30, 2019
New EERE FY 2019 BETO-Wide Request for Information (link) – Responses Due September 6, 2019
EERE Request for Information: Marine Sciences Laboratory (link) – Responses Due August 8, 2019

Student/Postdoctoral Opportunities

Sandia National Laboratories Jill Hruby Fellowship in National Security Science and Engineering (see attached PDF) (link) – Application Deadline: November 1, 2019 – Sandia’s competitive wage and benefits package includes an annual salary of $111,200; flexible work arrangements; 11 paid holidays; three weeks of vacation; health, vision, and dental insurance; and a 401(k) saving plan with company match.
Sandia National Laboratories President Harry S. Truman Fellowship in National Security Science and Engineering (see attached PDF) (link) – Application Deadline: November 1, 2019 – The salary is $111,200 plus benefits and additional funding for the chosen proposal.
IEEE Division Student Achievement Award (link) – Nomination Deadline: September 15 (annual) – The award consists of a scroll and a $1,000 prize. One year after receiving the award, each recipient will be requested to submit to the Division Chair a written summary of the research accomplished during the year. The recipients will not be required to attend a Society meeting to receive their awards.
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

TAMU Datathon
October 19-20, 2019
Texas A&M Campus
Information and Registration – Register soon, limited to 300 attendees.

Capital of Texas Undergraduate Research Conference (CTURC)
November 16, 2019
University of Texas at Austin, Austin, TX
Information and Registration – The registration and abstract submission deadline is October 4, 2019. CTURC allows undergraduate researchers, from all majors and schools in Texas, to present their original research. The three different presentation styles will include a Poster Presentation, Oral Google Slides Presentation or an Oral Presentation of Creative Works.

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 – September 1 – Application period will close at midnight. Please complete the online submission form by then and include the link to your YouTube video. The PDF of your poster must be submitted to Box, no later than September 10.

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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.

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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.

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**Proposers Days/Webinars**

*(All times Central unless otherwise noted)*

**DARPA Symbiotic Design for Cyber Physical Systems Proposers Day**
August 12, 2019
8:30 a.m. - 1:00 p.m. ET
DARPA Conference Center, 675 N. Randolph Street, Arlington, VA
*Information and Registration* – Registration closes at 12:00 PM EDT on August 7, 2019, or when capacity is reached.

**DARPA FOcal arrays for Curved Infrared Imagers (FOCII) Proposers Day**
August 13, 2019
9:00 a.m. - 4:00 p.m. ET
Executive Conference Center, 4075 Wilson Blvd., Suite 300, Arlington, VA
*Information and Registration* – Registration closes on August 9, 2019, or when capacity is reached.

August 16, 2019
9:30 a.m. CT
*Information* – See Pre-Proposal Conference Information under Other Documents. Audio and video will be provided via Adobe Connect.

**NASA Innovative Advanced Concepts (NIAC) Phase I Proposer’s Virtual Forum**
August 22, 2019
1:00 p.m. - 3:00 p.m. ET (12:00 p.m. - 2:00 p.m. CT)
*Information* – See NIAC Proposers Virtual Forum Information under Other Documents. The forum will be held through WebEx.

**DARPA Control of Revolutionary Aircraft with Novel Effecters (CRANE) Proposers Day**
August 26, 2019
8:30 a.m. - 12:00 p.m. ET
Executive Conference Center, 4075 Wilson Blvd., Suite 300, Arlington, VA
Information and Registration – Registration closes on August 20, 2019, or when capacity is reached.

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

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

TAMU Datathon
October 19-20, 2019
Texas A&M Campus
Information and Registration – Register soon, limited to 300 attendees.

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

Association for the Advancement of Artificial Intelligence (AAAI) Fall Symposium on “AI in Government and Public Sector”
November 7-9, 2019
Arlington, VA
Information – Registration information will be available around August 20.

2019 Chemical and Biological Defense Science & Technology (CBD S&T) Conference
November 18-21, 2019
Duke energy Convention Center, Cincinnati, OH
Information and Registration

Amazon Web Services – re:Invent Conference