Funding Opportunities

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

**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**  
**The Camille & Henry Dreyfus Foundation, Inc. Camille Dreyfus Teacher-Scholar Awards Program** – Email of Intent Due November 7, 2018; Internal Proposal Due November 14, 2018

**Limited Submission**  
**NSF Enabling Access to Cloud Computing Resources for CISE Research and Education (Cloud Access)** – Email of Intent Due November 7, 2018; Internal Proposal Due November 13, 2018

**Limited Submission**  
**NSF IUSE / Professional Formation of Engineers: Revolutionizing Engineering Departments (IUSE/PFE: RED)** – Email of Intent Due November 9, 2018; Internal Proposal Due November 14, 2018

**Limited Submission**  
**NSF Partnerships for Innovation – Research Partnerships** – Email of Intent Due November 12, 2018; Internal Proposal Due November 19, 2018

**Limited Submission**  
**NSF Cultivating Cultures for Ethical STEM (CCE STEM)** – Email of Intent Due November 28, 2018; Internal Proposal Due December 5, 2018

**Limited Submission**  
**NIH Outstanding New Environmental Scientist (ONES) Award** – Email of Intent Due December 5, 2018; Internal Proposal Due December 12, 2018

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**Engineering Research Digest**

A weekly newsletter for Engineering PIs interested in funding opportunities and news

Prepared by TEES Research Development

November 7, 2018  
http://teesresearch.tamu.edu/  
researchnews@tees.tamus.edu

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**TEES Research Development – Proposal Development Assistance**

**Assistance for Junior Faculty**

If you are junior faculty and would like help in submitting a proposal, please contact Dr. Laurie Garton at lsgarton@tamu.edu at least 4 weeks before your proposal is due. For the most assistance, please contact her 2-3 months in advance.

Also, see Junior Faculty Opportunities below.

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If you are working on a multidisciplinary and/or multi-university proposal and would like to use the services of TEES Research Development, please contact Dr. Laurie Garton at lsgarton@tamu.edu at least four weeks prior to the due date and after successfully negotiating the white paper or preproposal stage.
DOD

**New DARPA Photonics in the Package for Extreme Scalability (PIPES)** (link) – Abstract Due November 20, 2018; Full Due January 17, 2019 - Approximately $65M of funding is anticipated for awards made against this BAA, with a distribution of: $35M for Technical Area 1 (TA1) including Technical Area 1B (TA1B); $20M for Technical Area 2 (TA2); $10M for Technical Area 3 (TA3); Multiple awards are anticipated in each technical area. DARPA anticipates individual awards in TA1B not to exceed $600,000.

**New AFRL/RI Visiting Faculty Research Program (VFRP)** (link) – Applications Due January 11, 2019

**New AFRL/SFFP Summer Faculty Research Fellowship (SFFP)** (link) – Applications Due November 30, 2018 – Stipend, travel reimbursement

**New AFWERX Mixed Reality Platform Challenge** (link) – Challenge Open until November 30, 2018 – A chance to secure funding for prototype and experimentation; A chance to secure a government contract; A chance to promote your work with the USAF as a collaborator and/or customer; Official recognition for your company or idea

**New 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.

**New DARPA Biological Technologies** (link) – Proposal Abstracts and Full Proposals will be submitted on a rolling basis until April 25, 2019 – Multiple awards are possible. The amount of resources made available under this BAA will depend on the quality of the proposals received and the availability of funds.

**New 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.

**New 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.

DOE

**New FY 2019 Phase I Release 2** (link) – LOI Due December 17, 2018; Application Due February 4, 2019 – Maximum Award Amount: $200,000; Maximum Phase II Award Amount: $1,100,000

**New FY 2019 Research Opportunities in High Energy Physics** (link) – LOI Due December 5, 2018; Full Due January 22, 2019 – Ceiling: $5,000,000 per year; Floor: $20,000 per year. The award size will depend on the number of meritorious applications, the results of merit review, the program policy factors, and the availability of appropriated funds. Approximately 10 to 100 awards are expected.

NIH
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.

Wearable Alcohol Biosensors (STTR) (R41/R42- Clinical Trial Optional) ([link]) – Standard Due Dates: September 5, January 5, April 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: September 5, January 5, April 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.

NSF

New Limited Submission Materials Research Science and Engineering Centers (MRSEC) ([link]) – Prelim Due June 24, 2019; Full Due (by invitation only) November 26, 2019 – Estimated Number of Awards: 8 to 10; Anticipated Funding Amount: $31,500,000

New Limited Submission IUSE / Professional Formation of Engineers: Revolutionizing Engineering Departments (IUSE/PFE: RED) ([link]) – Full Due January 24, 2018 – 2-3 RED Innovation awards and 2-3 RED-A&I awards depending on funding availability and quality of proposals received. Anticipated Funding Amount: $8,000,000

New Limited Submission Partnerships for Innovation (PFI) – Research Partnerships ([link]) – Full Due January 17, 2019; July 10, 2019 - PFI-TT projects will be funded for up to $250,000 for 18-24 months per award; approximately 40-50 awards are anticipated. PFI-RP projects will be funded for up to $550,000 for 36 months. Approximately 10-15 awards are anticipated.

New Designing Materials to Revolutionize and Engineer our Future (DMREF) ([link]) – Submission Window: January 28, 2019 – February 4, 2019 - Estimated Number of Awards: 20 to 25; Anticipated Funding Amount: $36,000,000; These funds will be partitioned among the participating Divisions (funds are not pooled), each of which will support proposals of scientific interest to that Division. An additional $100,000 worth of Google credits will be made available to PIs through Google Cloud services by virtue of an MOU between NSF and Google. Once activated, Google credits will remain available through 4 years.

New Harnessing the Data Revolution (HDR): Data Science Corps (DSC) – Building Capacity for HDR ([link]) – Due January 28, 2019 - February 4, 2019 – Up to $10,000,000 is expected to be available for eight to eleven awards, for 3 years each, subject to the availability of funds. Awards will typically be in the range of $1,000,000 to $1,200,000 for 3 years.

New CyberCorps® Scholarship for Service (SFS) – Defending America’s Cyberspace ([link]) – Full Due February 4, 2019 and July 31, 2019 – Estimated Number of Awards: 8 to 12; Anticipated Funding Amount: $15,000,000

New Dear Colleague Letter: Fairness, Ethics, Accountability, and Transparency: Enabling Breakthrough Research to Expand Inclusivity in Computer and Information Science and Engineering Research ([link])
Accelerating Research through International Network-to-Network Collaborations (AccelNet) – LOI Due December 21, 2018; Full Due February 28, 2019 - Estimated Number of Awards: 7 to 9; Anticipated Funding Amount: $3,000,000 to $6,000,000

Joint DMS/NLM Initiative on Generalizable Data Science Methods for Biomedical Research (DMS/NLM) – Due January 2 - January 16, 2019 – Approximately 8 to 10 Awards from this competition may be made by either NSF or NIH at the option of the agencies, not the grantee. The number of awards will depend on the availability of funds and quality of proposals received. Anticipated Funding Amount: $4,000,000 per year for new applications ($2,000,000 from NSF, $2,000,000 from NIH), subject to availability of funds and receipt of proposals of adequate quality. Award sizes are expected to range from $200,000 to $300,000 (total costs) per year with durations of up to 3 years.

Small Business Innovation Research Program Phase I (SBIR) December 2018 Submission – Full Due December 4, 2018 – Estimated Number of Awards: 150 (pending the availability of funds); Anticipated Funding Amount: $33,750,000. For SBIR Phase I pending the availability of funds.

Small Business Technology Transfer Program Phase I (STTR) December 2018 Submission – Full Due December 4, 2018 – Estimated Number of Awards: 40; Anticipated Funding Amount: $9,000,000. For STTR Phase I pending the availability of funds.

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

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

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

Requests for Information/Notices of Intent

New IARPA Request for Information: Securing the SCIF of the Future – Responses Due December 31, 2018

NIH Blueprint Diversity Specialized Predoctoral to Postdoctoral Advancement in Neuroscience (D-SPAN) Award (F99/K00 Independent Clinical Trial Not Allowed) – LOI Due 30 Days Prior to Application; Application Due December 13, 2018; April 15, 2019 - The NIH Blueprint intends to commit $1,000,000 in FY2019 to fund approximately 20 awards. Award Budget: For the F99 phase award budgets are composed of stipends, tuition and fees, and institutional allowance, as described below. For the K00 phase, award budgets are composed of salaries and fringe benefits, research and career development support, and indirect costs.

Student/Postdoctoral Opportunities

New National Defense Science and Engineering Graduate (NDSEG) Fellowship Program – Open until December 7, 2018

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.

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

Junior Faculty Proposal Writing Academy: NSF Proposal Supplementary Documents
November 13, 2018
1:00 p.m. - 3:00 p.m.
MSC 1401
Registration is not required.

Save the Date
Junior Faculty Proposal Writing Academy: NSF Broader Impacts & Education Plan Seminar & Expo
February 6, 2019
1:00 p.m. - 5:00 p.m.
ILSB Auditorium and Lobby
Registration to come

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 – 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 Gen-4 Engineering Research Centers (ERC) Solicitation Webinar**
  November 7, 2018
  2:00 p.m. - 3:00 p.m. ET
  Information – Registration is not required.

- **NSF Revolutionizing Engineering Departments Webinar**
  November 7, 2018
  3:00 p.m. - 4:00 p.m. ET
  Information – Registration is not required.

- **NSF Quantum Computing & Information Science Faculty Fellows (QCIS-FF) Webinar**
  November 8, 2018
  2:00 p.m. - 3:00 p.m. ET
  Information and Registration

- **NSF SBIR/STTR Webinar Series**
  November 13, 2018
  2:00 p.m. - 4:00 p.m. ET
  Information and Registration

- **NSF Partnerships for Innovation Webinar**
  November 15, 2018 – 2:00 p.m. - 3:30 p.m. ET – Information and Registration
  November 29, 2018 – 2:00 p.m. - 3:30 p.m. ET – Information and Registration
  December 13, 2018 – 2:00 p.m. - 3:30 p.m. ET – Information and Registration

- **NSF Joint DMS/NLM Initiative on Generalizable Data Science Methods for Biomedical Research Webinar**
  November 19, 2018
  1:00 p.m. - 3:00 p.m. ET
  Information and Registration

- **NSF PAPPG Update Webinar 2019**
  November 27, 2018
  2:00 p.m. ET
  Information and Registration
Seminars/Events/Workshops for All Faculty

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

DARPA seL4 Summit
November 14-16, 2018
Hilton Washington Dulles Airport, 13869 Park Center Road, Herndon, VA 20171
Information and Registration

MCF & AggieFab Open House
November 15, 2018
9:00 a.m. - 4:00 p.m.
Giesecke Engineering Research Building (GERB), 1617 Research Parkway
Registration – Lunch provided and free parking.

STEM 4 Innovation Conference for K-12 Education
February 21-22, 2019
College Station – Lab tours are being held on February 21; Exhibitor Booths will be at the Texas A&M Hotel and Conference Center – Century Ballroom on February 22.
Information and Registration

Research News

COE and CEHD Collaborate to Offer Seed Grants to Utilize the Human Clinical Research Facility

The College of Engineering and the College of Education and Human Development are collaborating to provide seed grants to utilize the Human Clinical Research Facility (http://hcrf.tamu.edu/). The initial competition deadline is November 19, 2018 for awards starting December 2018. Applications for any remaining funds will be accepted after Dec. 1, 2018 and will be considered in the order they are received. Submit applications to COE/TEES Research Development, Dr. Laurie Garton, lsgarton@tamu.edu. The application form and HCRF fee rates are attached.

NSF Releases Revised PAPPG – Effective January 28, 2019

We are pleased to announce that a revised version of the NSF Proposal & Award Policies & Procedures Guide (PAPPG), (NSF 19-1) has been issued.

The new PAPPG will be effective for proposals submitted, or due, on or after January 28, 2019. Significant changes include:

- Addition of Research.gov as an option for proposal preparation and submission, and proposal file updates;
- Revision of eligibility standards for unaffiliated individuals;
• Specification that conference proposals over $50,000 and all equipment proposals must include the Collaborators and Other Affiliations information in the proposal submission;
• Revision of resubmission guidelines for NSF programs that accept proposals at any time;
• Implementation of NSF’s policy on sexual harassment and other forms of harassment, or sexual assault;
• Specification that proposers are required to have a policy or code-of-conduct that addresses sexual harassment, other forms of harassment, and sexual assault, and that includes clear and accessible means of reporting violations of the policy or code-of-conduct. This policy or code-of-conduct must be disseminated to conference participants prior to attendance at the conference as well as made available at the conference itself;
• Emphasis on the importance of training faculty in the responsible and ethical conduct of research;
• Incorporation of existing patent policy into the PAPPG. This policy was previously implemented by regulation at 45 CFR 650; and
• Numerous clarifications and other changes throughout the document.

You are encouraged to review the by-chapter summary of changes provided in the Introduction section of the PAPPG.

A webinar to brief the community on the new PAPPG will be held on November 27 at 2 PM EST. For additional information about the webinar, including how to register for it, visit: https://nsfgrantsconferences.com/pappg-webinar-19/.

While this version of the PAPPG becomes effective on January 28, 2019, in the interim, the guidelines contained in the current PAPPG (NSF 18-1) continue to apply. We will ensure that the current version of the PAPPG remains on the NSF website, with a notation to proposers that specifies when the new PAPPG (including a link to the new Guide) will become effective. If you have any questions regarding these changes, please contact the Policy Office at policy@nsf.gov.

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.