Funding Opportunities

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 IUSE/Professional Formation of Engineers: Revolutionizing Engineering Departments (IUSE/PFE: RED) – Email of Intent Due November 8, 2019; Internal Proposal Due November 15, 2019

Limited Submission NSF Ethical and Responsible Research – Email of Intent Due November 14, 2019; Internal Proposal Due November 18, 2019

The Texas A&M University System National Laboratories Office has extended the deadline to Friday, November 15, 2019, for applications to receive Development Fellowship Grants and Research Project Grants through the collaborative research program with Los Alamos National Laboratory.
DOD

**New** CTR Countering the Proliferation of Advanced Conventional Weapons to States of Proliferation Concern ([link](#)) – Due January 31, 2020. Award Amount: ISN/CTR prefers projects that cost less than $300,000 though awards may involve multiple projects that cumulatively exceed $500,000. CTR will prioritize proposals that efficiently meet NOFO and programmatic goals at the lowest technically acceptable cost.

**New** DARPA Bridging the Gap Plus ([link](#)) – Abstract Due November 25, 2019 Full Due January 22, 2020. 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.

**DOD Long-Term Opportunities**

**New** Air Force Broad Agency Announcement (BAA) Air Superiority Technology ([link](#)) – White papers may be submitted anytime between now and October 31, 2024. Note there is no funding associated with this Basic Open BAA. All funding is subject to change due to Government discretion and availability. Each CALL will have funding profiles specific to that effort. However, similarly, all offerors should be aware that due to unanticipated budget fluctuations, funding in any or all areas may change with little or no notice.

**New** 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.

**New** DARPA PolyplexusPilot 3 ([link](#)) – BAA Closes July 2, 2020; Polyplexus Pilot Topic Opportunity Notices will be released on [http://fbo.gov](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 Polyplexus Pilot Topic Opportunity Notices may provide additional guidance on award levels.

**DOE**

BES Advisory Committee Meeting Slides in attached pdf.

**New** HPC Energy Innovation (with the themes of: Manufacturing, Materials, and Mobility) ([link](#)) – Informational Webinars on November 13, 2019 at noon CST, and November 21 at 10 am CST. Concept Paper Due December 10, 2019. Request for Full Proposals sent at the end of January 2020, and Full Proposals Due end of February 2020. Up to $4 million will be budgeted for this program to support manufacturers in improving energy efficiency, increasing productivity, and accelerating manufacturing innovation.

**DOT**

**New** Mobility for All Pilot Program Grants ([link](#)) – Due January 06, 2020. Section 3006(b) of the FAST Act (Pub. L. 114–94) authorizes $3,500,000 in FY 2020 for grants under the Mobility for All pilot program. FTA may cap the amount a single recipient or State may receive as part of the selection process.
EPA

**New Global Nuclear Threat Reduction Activities** ([link](#)) – Due January 31, 2020. Multiple awards will be granted, with the maximum amount per award determined by the number of discrete projects funded. ISN/CTR prefers projects that cost less than $250,000, though awards may involve multiple projects that cumulatively exceed $250,000. CTR will prioritize proposals that efficiently meet programmatic goals at the lowest technically acceptable cost.

**New FY Global Biosecurity Engagement Activities** ([link](#)) – Due January 31, 2020. ISN/CTR prefers projects that cost less than $300,000 though awards may involve multiple projects that cumulatively exceed $500,000. ISN/CTR will prioritize proposals that efficiently meet NOFO and programmatic goals at the lowest technically acceptable cost.

**New Global Chemical Security Engagement Activities** ([link](#)) – Due January 31, 2020. Multiple awards will be granted, with the maximum amount per award determined by the number of discrete projects funded. ISN/CTR prefers projects that cost less than $250,000, though awards may involve multiple projects that cumulatively exceed $250,000. CTR will prioritize proposals that efficiently meet programmatic goals at the lowest technically acceptable cost.

NASA

**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.

**Advancing Collaborative Connections for Earth System Science** ([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

**Perception and Cognition Research to Inform Cancer Image Interpretation (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.

**Perception and Cognition Research to Inform Cancer Image Interpretation (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.

**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](#)) – 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](#)) – 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.
**New Addressing Systems Challenges through Engineering Teams (ASCENT) (link)** – Letter of Intent Due January 7, 2020 Full Due February 19, 2020 – $6,000,000 to $6,500,000 Estimated program budget, number of awards and average award size/duration are subject to the availability of funds.

**New Directorate for Engineering – UKRI Engineering and Physical Sciences Research Council Lead Agency Opportunity (ENG-EPSRC) (link)** – A Research Concept Outline (RCO) must be submitted to ENGUUKRI@nsf.gov at least 60 days prior to the submission of a full proposal. A proposal that is submitted without a previously approved RCO will be returned without review (RWR).– $6,000,000 program budget, number of awards and average award size/duration are subject to the availability of funds.

**New Dear Colleague Letter: Research Experiences for Undergraduates (REU) and Research Experiences for Teachers (RET) Supplemental Funding in Computer and Information Science and Engineering (link)** – A Research Concept Outline (RCO) must be submitted to ENGUUKRI@nsf.gov at least 60 days prior to the submission of a full proposal. A proposal that is submitted without a previously approved RCO will be returned without review (RWR).– $6,000,000 program budget, number of awards and average award size/duration are subject to the availability of funds.

**National Artificial Intelligence (AI) Research Institutes: Accelerating Research, Transforming Society, and Growing the American Workforce (link)** – Full Due January 28, 2020 for Institute proposals in one of the six specified themes; Full Due January 30, 2020 for Planning proposals – NSF plans to make 1-6 Institute Awards and approximately 8 Planning Grants. Anticipated Funding Amount: $24,000,000 to $124,000,000.

**NSF/CASIS Collaboration on Transport Phenomena Research on the International Space Station (ISS) to Benefit Life on Earth (link)** – Submission Window: December 9, 2019 - March 2, 2020. Final Deadline for Submitting the Feasibility Review Form to CASIS: January 10, 2020. – NSF Funding (total) available under this solicitation is up to $3 million to be distributed in FY 2020. Budget requests may be for up to $400,000 total, direct and indirect costs, and up to four years in duration. The award size and duration should be consistent with the project scope.

**NSF/CASIS Collaboration on Tissue Engineering and Mechanobiology on the International Space Station (ISS) to Benefit Life on Earth (link)** – Submission Window: December 9, 2019 - March 2, 2020. Final Deadline for Submitting the Feasibility Review Form to CASIS: January 10, 2020. – NSF Funding (total) available under this solicitation is up to $2.0 million to be distributed in FY 2020. Budget requests may be for up to $400,000 total, direct and indirect costs, and up to three years in duration. The award size and duration should be consistent with the project scope.

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**FastLane and Research.gov will be unavailable from Friday, November 8 at 8:00 PM EST until Tuesday, November 12 at 6:00 AM EST.**

During this outage, there will be no access to these websites, proposals cannot be prepared or submitted in FastLane and Research.gov, and project reports and cash requests cannot be submitted in Research.gov. However, previously saved information and uploaded documents in FastLane and Research.gov, including in-progress proposals and project reports, will be accessible after the migration is completed.

For IT system-related questions, please contact the NSF Help Desk at 1-800-381-1532 or rgov@nsf.gov. Any policy-related questions should be directed to policy@nsf.gov.
should be consistent with the project scope. Collaborative proposals from multiple organizations are accepted, according to standard NSF procedures. Proposals with budgets significantly outside of the guidelines should be discussed with the NSF Program Director prior to submission, or the proposal may be returned without review.

**USGS**

**New** *2020 Water Use Data and Research Program* ([link]) – Due January 30, 2020 at 3pm CST. Applications are restricted to a minimum federal funding level of $24,000 and a maximum federal funding level of $125,000 for work to improve the availability, quality, compatibility, and transfer of water use data that is collected and/or estimated by States.

**Requests for Information/Notices of Intent**

**New** *Lighting R&D Opportunities* ([link])

**New** *NIH: Input on Research Opportunities on the Anterior Segment of the Eye* ([link])

**Student/Postdoctoral Opportunities**

**New** *AFCEA ROTC Scholarships* ([link]) – Deadline: April 10, 2020 – Scholarship amount between $2,000 and $3,000 sponsored by the Armed Forces Communications and Electronics Association (AFCEA) Educational Foundation.

**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* – If you’re unable to attend in person, you can register for a [free webcast](#).

**Junior Faculty Opportunities**

**Young Investigator Programs**

[http://tees.tamu.edu/researchsupport/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 zipei@tamu.edu for information and registration.

### Funding Opportunities

*Future Funding Opportunities will be posted here.*

### Seminars/Events/Workshops

**Today: Junior Faculty Proposal Writing Academy: NSF CAREER and Other Young Investigators Program Workshop**

1:00 p.m. - 4:30 p.m.
Texas A&M Hotel and Conference Center, Hullabaloo Room (2nd Floor)
[Information and Registration](#)

**Junior Faculty Proposal Writing Academy: KB Science Webinar: DOE Early Career**

November 19, 2019
11:00 a.m. - 12:00 p.m.
Location: TBD
[Information and Registration](#)

**Junior Faculty Proposal Writing Academy: NSF Proposal Supplementary Documents**

November 20, 2019
1:00 p.m. - 3:00 p.m.
Location: TBD
[Information](#)

**2020 NSF ENG CAREER Proposal Writing Workshop**

March 31 - April 2, 2020
Location: Arlington, VA
[Information](#)
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)*

- **NIH Specific Aims Virtual Workshop**
  November 6, 2019
  12:00 p.m. - 1:30 p.m.
  Via Zoom
  [Information and Registration](#)

- **NSF Fall 2019 Grants Conference Webcast**
  November 18-19, 2019
  Begins at 8:00 a.m. ET
  [Registration](#) – See also Virtual Agenda and Speakers.

- **Junior Faculty Proposal Writing Academy: KB Science Webinar: DOE Early Career Webinar** (Presented by Division of Research)
  November 19, 2019
  11:00 a.m. - 12:00 p.m.
  Location: TBD
  [Information and Registration](#)

Seminars/Events/Workshops for All Faculty

[http://tees.tamu.edu/researchsupport/events/](http://tees.tamu.edu/researchsupport/events/)
Today: Junior Faculty Proposal Writing Academy: NSF CAREER and Other Young Investigators Program Workshop
1:00 p.m. - 4:30 p.m.
Texas A&M Hotel and Conference Center, Hullabaloo Room (2nd Floor)
Information and Registration

NIH Regional Seminar on Program Funding and Grants Administration
November 6-8, 2019
Phoenix, AZ
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 and Registration – Registration is now open.

Junior Faculty Proposal Writing Academy: NSF Proposal Supplementary Documents
November 20, 2019
1:00 p.m. - 3:00 p.m.
Location: TBD
Information

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.