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

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.

**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** **W.M. Keck Foundation Keck Research Program** – Email of Intent Due June 12, 2019; Internal Proposal Due June 19, 2019

**Limited Submission** **NSF Research Experiences for Teachers (RET) in Engineering and Computer Science Supplements and Sites** – Email of Intent Due June 20, 2019; Internal Proposal Due June 27, 2019

**Limited Submission** **Howard Hughes Medical Institute HHMI Inclusive Excellence Initiative (IE3)** – Email of Intent Due June 21, 2019; Internal Proposal Due June 28, 2019

**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** **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 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.

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

DOD Long-Term Opportunities

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. – 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.

Research Interests of the Air Force Office of Scientific Research Synopsis 6 (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.

DOE

Low Cost, Efficient Treatment Technologies for Produced Water (Search DE-FOA-0002004 on the FedConnect website) (link) – Full Due July 10, 2019 – Anticipated Number of Awards: 4; Estimated Federal Funding: $5,000,000

DOT
Integrated Mobility Innovation Demonstration Program (link) – Due August 6, 2019 – Estimated Total Program Funding: $15,000,000

EPA

Chemical Mechanisms to Address New Challenges in Air Quality Modeling (link) – Due June 24, 2019 – Estimated Number of Awards: Approximately 10 awards, 5 regular and 5 early career awards. Anticipated Funding Amount: Approximately $6 million total for all awards. Potential Funding per Award: Up to a total of $800,000 for regular awards, and up to a total of $400,000 for early career awards, including direct and indirect costs, with a maximum duration of three years.

Early Career: Chemical Mechanisms to Address New Challenges in Air Quality Modeling (link) – Due June 24, 2019 – Estimated Number of Awards: Approximately 10 awards, 5 regular and 5 early career awards. Anticipated Funding Amount: Approximately $6 million total for all awards. Potential Funding per Award: Up to a total of $800,000 for regular awards, and up to a total of $400,000 for early career awards, including direct and indirect costs, with a maximum duration of three years.

Kinship Foundation

Limited Submission Searle Scholars Program (link) – Full Due September 27, 2019 – Grants are $300,000 for a three-year term with $100,000 payable each year of the grant, subject to the receipt of acceptable progress reports. Generally, the program makes 15 new grants annually.

NASA

Research Opportunities in Space Biology (ROSBio) – Appendix C: Development of Microgravity Food Production: Plant Watering, Volume Management, and Novel Plant Research on the International Space Station (link) – Step 1 Proposals Due July 5, 2019; Invited Step 2 Proposals Due September 26, 2019 – Phase-A Awards will be made as cooperative agreements for up to $225,000 over a performance period of 18 months.

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 and 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

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.

**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 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.

NSF

New 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

Dear Colleague Letter: Request for Information on Future Topics for the NSF Convergence Accelerator (link) – Conference proposals may be submitted at any time, but only those that are received by June 24, 2019 and have a budget under $100,000 will be considered for support with FY2019 funds.

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NSF Invites Comments on Draft of PAPPG

NSF published a notice in the Federal Register announcing the availability of a “For comment” draft of the Proposal & Award Policies & Procedures Guide (PAPPG). The Foundation is accepting comments from the external community until COB July 29, 2019. The announcement is available at this link.

To facilitate review, revised text has been highlighted in yellow throughout the document and explanatory comments have been included in the margins, where appropriate. The draft PAPPG is available on the Policy Office website.

Any questions should be directed to the Policy Office at policy@nsf.gov.

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Requests for Information/Notices of Intent

New EERE Request for Information: Marine Sciences Laboratory (link) – Responses Due August 8, 2019

NIH Notice of Intent to Publish a Funding Opportunity Announcement for BRAIN Initiative: Proof of Concept Development of Early Stage Next Generation Human Brain Imaging (R01 Clinical Trial Not Allowed) (link) – Estimated Publication Date of Funding Opportunity Announcement: June 3, 2019; First Estimated Application Due Date: September 3, 2019

NIH Notice of Intent to Publish a Funding Opportunity Announcement for BRAIN Initiative: Development of Next Generation Human Brain Imaging Tools and Technologies (U01 Clinical Trial not allowed) (link) – Estimated Publication Date of Funding Opportunity Announcement: June 3, 2019; First Estimated Application Due Date: September 3, 2019
New **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.

New **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.

New **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

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**Junior Faculty Opportunities**

**Young Investigator Programs**

[http://tees.tamu.edu/researchsupport/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 zipei@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** [Limited Submission Kinship Foundation Searle Scholars Program](link) – Full Due September 27, 2019 – Grants are $300,000 for a three-year term with $100,000 payable each year of the grant, subject to the receipt of acceptable progress reports. Generally, the program makes 15 new grants annually.

**R** [Early Career: Chemical Mechanisms to Address New Challenges in Air Quality Modeling](link) – Due June 24, 2019 – Estimated Number of Awards: Approximately 10 awards, 5 regular and 5 early career awards. Anticipated Funding Amount: Approximately $6 million total for all awards. Potential Funding per Award: Up to a total of $800,000 for regular awards, and up to a total of $400,000 for early career awards, including direct and indirect costs, with a maximum duration of three years.

**R** [NIH Director’s New Innovator Award Program (DP2 Clinical Trial Optional)](link) – Due August 26, 2019 – NIH intends to commit approximately $80 million for approximately 33 awards in fiscal year 2019. The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Awards are multi-year funded with all funds disbursed in the first year of the award. Awards will be up to $1,500,000 in direct costs (the equivalent of $300,000 in Direct Costs each year for five years) plus applicable Facilities and Administrative (F&A) costs to be determined at the time of award.

Seminars/Events/Workshops


August 5-6, 2019
National Science Foundation, Alexandria, VA

Information – Note: Eligibility and submission instructions are on the website. Submissions Due June 20, 2019; Notification of Acceptance: June 30, 2019; Registration Deadline: July 10, 2019 – Interested participants should submit a document containing the following information: One-page research statement, two-page biosketch, one paragraph describing how attending the workshop would be beneficial to advance the applicant’s

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/](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)

June 25, 2019
More information will be posted shortly alongside the solicitation on NSPIRES.

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

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.

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
August 5-6, 2019
National Science Foundation, Alexandria, VA
Information – Note: Eligibility and submission instructions are on the website. Submissions Due June 20, 2019; Notification of Acceptance: June 30, 2019; Registration Deadline: July 10, 2019 – Interested participants should submit a document containing the following information: One-page research statement, two-page biosketch, one paragraph describing how attending the workshop would be beneficial to advance the applicant’s research career.

Texas A&M Conference on Energy
September 23-25, 2019
Information

Amazon Web Services – re:Invent Conference
December 2-6, 2019
Las Vegas, NV
Information and Registration

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.