Funding Opportunities

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.

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.

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 Research Traineeship (NRT) Program – Email of Intent Due September 7, 2018; Internal Proposal Due September 14, 2018

Look for the following categories to help you scan the funding opportunities faster:

New = New posting
JF = Junior Faculty Opportunities
R = Repost from a previous Engineering Research Digest

DOD
New DARPA Searchlight (link) – Abstract Due September 6, 2018; Proposal Due October 17, 2018 – DARPA anticipates multiple awards for Technical Area 1 and a single award for Technical Area 2. The total funding amount for Searchlight is anticipated to be $18M.
DoD USAMRMC FY18-FY22 Broad Agency Announcement for Extramural Medical Research Synopsis 1 (link) – Continuously Open until September 30, 2022 – There are no specified funding limitations identified for a proposal/application submitted under this BAA. A budget should be commensurate with the nature and complexity of the proposed research.

Fundamental Research to Counter Weapons of Mass Destruction Synopsis 13 (Amendment 8) (link) – Continuously Open until 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.

Research Initiatives at the Naval Postgraduate School Synopsis 2 (link) – White Papers and Full Proposals may be submitted at any time until May 31, 2019. – The funded amount and period of performance of each proposal selected for award will vary depending on the research area and the technical approach to be pursued by the applicant selected.

IARPA

Mercury Challenge (link) – Registration and Algorithm Building Begins July 2, 2018; Scoring Begins August 1, 2018; Challenge Ends April 30, 2019 – Win prizes from a total prize purse of $100,000

NIH

New Research Supplements to Promote Diversity in Health-Related Research (Admin Supp - Clinical Trial Not Allowed) (link) – Submission dates vary by awarding IC. See Table of IC-Specific Information, Requirements and Staff Contacts for more details. – Application budgets are limited to no more than the amount of the current parent award, and must reflect the actual needs of the proposed project. Direct costs for individual administrative supplements vary from less than $5,000 to more than $100,000 depending on the career level of the candidate.

Novel Approaches for Relating Genetic Variation to Function and Disease (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.

Novel Approaches for Relating Genetic Variation to Function and Disease (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: The combined budget for direct costs for the two-year project period may be up to $275,000 (exclusive of subcontract F&A). Up to $200,000 may be requested in any single year.

BRAIN Initiative: Development Optimization, and Validation of Novel Tools and Technologies for Neuroscience Research (STTR) (R41/R42 - Clinical Trials 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: 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.

BRAIN Initiative: Development Optimization, and Validation of Novel Tools and Technologies for Neuroscience Research (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: 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.

**Investigator Initiated Research in Computational Genomics and Data Science (R01 Clinical Trial Not Allowed)** ([link](#)) – LOI Due 30 Days Prior to Application; Application Due November 16, 2018 and July 16, 2019 – 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.

**Investigator Initiated Research in Computational Genomics and Data Science (R21 Clinical Trial Not Allowed)** ([link](#)) – LOI Due 30 Days Prior to Application; Application Due November 16, 2018 and July 16, 2019 The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Application budgets need to reflect the actual needs of the proposed project. 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.

**Integration of Imaging and Fluid-Based Tumor Monitoring in Cancer Therapy (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 $499,999 (maximum) in direct costs per year and the requested amount in any year needs to reflect the actual needs of the proposed project.

**Synthetic Biology for Engineering Applications (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.

**NSF**

**Dear Colleague Letter: Non-Academic Research Internships for Graduate Students (INTERN) Supplemental Funding Opportunity** ([link](#))

**Graduate Research Fellowship Program (GRFP)** ([link](#)) – Due October 23, 2018 (CISE, Engineering, Materials Research) – Each Fellowship consists of three years of support during a five-year fellowship period. Currently, NSF provides a stipend of $34,000 to the Fellow and a cost-of-education allowance of $12,000 to the graduate degree-granting institution for each Fellow who uses the fellowship support in a fellowship year.

**NSF/FDA Scholar-in-Residence at FDA** ([link](#)) – Full Proposals Accepted Anytime – Estimated program budget of $750,000, estimate of 5-10 awards, average award size and duration (varies with funding opportunity outlined in Section II. Program Description) are subject to the availability of funds and the quality of proposals.

**Requests for Information/Notices of Intent**

**New** DARPA Request for Information: Ultra High Strength Materials Supporting Tactical Forces in Combat Zones (Rapunzel) ([link](#)) – Responses Due September 10, 2018; A workshop is planned for September 25, 2018 (subject to change).
Student/Postdoctoral Opportunities

**NSF/FDA Scholar-in-Residence at FDA** (link) – Full Proposals Accepted Anytime –
Estimated program budget of $750,000, estimate of 5-10 awards, average award size and
duration (varies with funding opportunity outlined in Section II. Program Description) are
subject to the availability of funds and the quality of proposals.

**EM Sample Preparation Workshop – High Pressure Freezing with Light and**
**Electrical Stimulation using the Leica EM ICE**
Microscopy and Imaging Center (MIC)
**September 11, 2018** – 9 a.m. - 11:30 a.m. – ILSB 1143 (presentation) and 1:00 p.m. - 4:00 p.m.
– ILSB 1127 (practical demonstration)
**September 12, 2018** – 9:00 a.m. - 3:00 p.m. – ILSB 1127 (sample presentation)
**Information** – For more information and to RSVP, please contact Michael May at 405-788-0775
or michaelm@ncimicro.com.

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/](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**

*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** – 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 the past year’s newsletter.

**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)

**DARPA Small Business Technology Transfer (STTR) Virtual Industry Day**
August 24, 2018 - September 24, 2018

Information – The purpose is to preview Small Business Innovation Research/Small Business Technology Transfer (SBIR/STTR) topics that DARPA anticipates publishing in the forthcoming DoD STTR 18.C announcement. Participants will be able to view topics, presentations, and submission instructions, as well as schedule one-on-one calls with the topic authors.

**DOE Innovative Design Concepts for Standard Modular Hydropower and Pumped-Storage Hydropower Webinar**

Information

FOA Informational Webinar – September 5, 2018 – 12:30 p.m. EST – Registration

Standard Modular Hydropower Resources Webinar (Topic Area 1 Only) – September 6, 2018 – 1:00 p.m. EST – Registration

**DARPA Polyplexus Pilot 2 Program Proposers Day and Webcast**
September 11, 2018
11:00 a.m. ET

Information and Registration – The Proposers Day will be held via a live webcast on September 11, 2018 at 11:00 a.m. ET with a repost on September 13, 2018 at 3:00 p.m. ET. **Proposers Day Registration closes on September 7, 2018, at 5:00 p.m. or when capacity is reached.** Advance registration is required for viewing the webcast and for participation in the Polyplexus Pilot 2. Since Proposers Day registration also serves as registration for participation on the Polyplexus Platform, the registration site will remain open after the Proposers Day webcast has been completed. Viewing the Proposers Day webcast is strongly encouraged but not mandatory.
DARPA Subterranean (SubT) Challenge Competitors Day and Webinar
September 27, 2018
8:00 a.m. - 5:00 p.m. EDT
Louisville Mega Cavern, 1841 Taylor Avenue, Louisville, KY

Information
Registration – Registration for physical participation will close on Thursday, September 13, 2018 at 12:00PM EDT or when venue capacity is reached. Registration for webinar participation will close on Wednesday, September 19, 2018 at 12:00PM EDT or when webinar capacity is reached.

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

EM Sample Preparation Workshop – High Pressure Freezing with Light and Electrical Stimulation using the Leica EM ICE
Microscopy and Imaging Center (MIC)
September 11, 2018 – 9 a.m. - 11:30 a.m. – ILSB 1143 (presentation) and 1:00 p.m. - 4:00 p.m. – ILSB 1127 (practical demonstration)
September 12, 2018 – 9:00 a.m. - 3:00 p.m. – ILSB 1127 (sample presentation)
Information – For more information and to RSVP, please contact Michael May at 405-788-0775 or michaelm@ncimicro.com.

Register Now
Success Strategies Workshop for DOE’s Early CAREER Research Program (See Research News below for more information)
Tuesday, September 18, 2018
8:30 a.m. - 11:30 a.m.
Heritage Place Room #714
Thomas G. Hildebrand, DVM ’56 Equine Complex
Registration – Registration closes September 12, 2018. For more information, please contact Shannon Eyre at seyre@tamu.edu.

Abstracts Due Today
3rd Annual Texas A&M University Postdoctoral Research Symposium
September 19, 2018
12:00-6:00 p.m.
Thomas G. Hildebrand Equine Complex
Information and Registration – Abstracts Due August 29, 2018; Registration Ends September 3, 2018. For more information, contact Shannon Eyre at seyre@tamu.edu.

IAMCS Workshop on Quantum Computation and Information
September 20-22, 2018
Rudder Tower, Room 701
Information and Registration
September 24-26, 2018
Memorial Student Center
Information and Registration

Defense TechConnect (DTC) Fall Summit & Expo (Co-located with the Fall SBIR/STTR Innovation Summit)
October 23-25, 2018
Tampa Convention Center, 333 S. Franklin Street, Tampa, FL
Information and Registration

NSF Grants Conference
November 8-9, 2018
New Orleans, LA
Information and Registration – Registration will open September 6 at 12:00 p.m. ET. It will sell out quickly.

Research News

Success Strategies Workshop for DOE’s Early CAREER Research Program

As a former DOE Office of Science program manager, KB Science’s (www.kbscience.com) Founder and Chief Executive Officer will host an interactive discussion with eligible faculty on how to submit a competitive ECR grant.

Tuesday, September 18, 2018
8:30–11:30 a.m.
Heritage Place Room #714
Thomas G. Hildebrand, DVM ’56 Equine Complex

The Department of Energy (DOE) solicits proposals for its Early Career Research (ECR) Program each year. It is anticipated to issue its Financial Opportunity Announcement (FOA) during the latter part of 2018 with the pre-application due in January 2019. If encouraged, DOE will have full applications due in early April 2019.

Agenda
• Introduction to the Department of Energy and “Demystifying the Maze”
• Comparison of DOE vs. National Science Foundation “Early CAREER” programs
• Review of the Early Career Program guidelines for 2018 and anticipated changes for 2019
• “Tricks of the Trade” for developing a competitive application (Strong vs. Weak examples)
• Question & Answer
Presenter
Kristin Bennett, Ph.D. brings over 25 years of technical & management experience to building partnerships and proposals that are competitive in the energy arena. Dr. Bennett served as a senior Program Manager for the DOE Office of Basic Energy Science that leads the DOE Early Career Research program. She managed programs ranging from the five DOE Nanoscale Science Research Centers (over $480 million in funding), neutron source instrumentation (over $100 million), to Experimental Program for Competitive Research.

Her extensive experience includes working across the full 17 DOE National Lab system serving as collaborator, technical staff, management, and now advisory capacities with a majority of them, including all major science-based agencies, such as DOE, DoD, DARPA, ARPA-E, Dept. of Transportation, USDA, NSF, and NASA.

To register, please visit the website. Registration closes September 12, 2018.

For more information, please contact Shannon Eyre at seyre@tamu.edu.

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.