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 Brain Research Foundation Scientific Innovations Award – Email of Intent Due April 24, 2018; Internal Proposal Due May 1, 2018
Limited Submission Conservation, Food, and Health Foundation Grants – Email of Intent Due May 4, 2018; Internal Proposal Due May 11, 2018

DOD

Special Notice: The Defense budget has been approved, and it is likely that various departments and agencies will be pursuing strategies to obligate funding by the end of the Fiscal Year. If you currently have a funded DOD project, this might be a good opportunity to discuss with your sponsor ways that additional funded effort could be added to your project.
DARPA - Information Innovation Office: Computers and Humans Exploring Software Security (CHESS) (link) to develop computer-human systems to rapidly discover all classes of vulnerability in complex software. Abstract Due: May 3, 2018; Full Proposal Due: June 15, 2018, Technical areas 1 (Human Collaboration) and 2 (Vulnerability Discovery) – multiple awards, Technical areas 3 (Voice of the Offense), 4 (Control Team), and 5 (Integration, Test, and Evaluation) – single awards.

DoD – Naval Surface Warfare Center Crane Division (NSWC) - CRANE - 3-Dimensional Modeling and Simulation for Lifetime Predictions (link) Estimated Award $40,000 for 3 months with 1 year option of $160,000. Multiple awards possible. Full Proposal Due May 16, 2018.

Fiscal Year (FY) 2019 Department of Defense Multidisciplinary Research Program of the University Research Initiative (link) – White Paper Due June 29, 2018; Application Due October 16, 2018 – The total amount of funding for the five years available for grants resulting from this MURI FOA is estimated to be approximately $170 million dollars pending out-year appropriations. MURI awards are contingent on availability of funds, the specific topic, and the scope of the proposed work. Typical annual funding per grant is in the $1.25M to $1.5M range. (ONR Announcement # N00014-18-S-F006; ARO Announcement # W911NF18S0003; AFOSR Announcement # FOA-AFRL-AFOSR-2018-0001)

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.

DTRA Fundamental Research to Counter Weapons of Mass Destruction Amendment 6 (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

Efficient Drilling for Geothermal Energy (EDGE) (link). Webinar May 2, 2018, Concept Papers May 31, 2018, Full Applications July 23, 2018. EERE expects to make approximately $14,500,000 of Federal funding available for new awards under this FOA, subject to the availability of appropriated funds. EERE anticipates making approximately 8 - 10 awards varying between $500,000 and $2,000,000 in the following topic areas: Reduce Non-Drilling Time, Advanced Drilling Technologies, Innovative Partnership Models.

Engineering and Physical Sciences Research Council (EPSRC)

International Centre-to-Centre Research Collaborations (link) – This call will operate through a two-stage assessment process, with the deadline for outline proposals on May 1, 2018. – Up to £15 million is available for this call, and we aim to support 10-15 research consortia.

NASA

ROSES 2018: Planetary Major Equipment and Facilities (link) – Due July 17, 2018 – Expected Annual Program Budget: Approximately, $2,000,000, but may be supplemented by target programs; 5-9 new awards.
D.4 University Leadership Initiative (ULI) (link) – Step-A proposals are required, in place of the NOI, and are due May 16, 2018; Step-B proposals will be due 60 days after the notification for Step-B proposals is issued. – The TAC Program anticipates investing in multiple awards with nominal budgets in the $1-2M range per award per year. Proposals are invited for the 2-4 year range. Maximum total budgets therefore range between $2-8M per award, depending on the award duration. Due to budget considerations, the TAC Program anticipates investing in three awards, with at least two having a duration of three-years or less. To promote ULI portfolio balance, the TAC Program anticipates issuing one award in Topic 6 (Assured Autonomy for Aviation Transformation), one award in Topic 7 (Aviation Manufacturing), and one other award in any of the seven topics (1-7).

NIH
NIH Director's Pioneer Award (DP1 - Clinical Trial Optional) (link) – Due September 14, 2018. Research must reflect substantially different scientific directions from those already being pursued in the investigators research program or elsewhere. NIH intends to commit approximately $8,000,000 in FY 2019 to fund approximately 7 awards. Awards will be for $700,000 in direct costs per year, plus applicable Facilities and Administrative (F&A) costs. The project period is limited to five years.

Summer Institute for Research Education in Biostatistics (R25 - Clinical Trials Not Allowed) (link) – Due June 28, 2018. Up to 6 awards at up to $240,000/year for up to 3 years.

In Vivo Synaptic Function in Alzheimers Disease and Related Dementias (R21 Clinical Trial Not Allowed) (link) – Standard Due Dates: March 16, July 16, November 16, Closing Date: January 7, 2021, Total Program Funding: $1,500,000, Award Ceiling: $200,000.

Assistant Secretary for Preparedness and Response (ASPR) Biomedical Advanced Research and Development Authority (BARDA) - Division of Research, Innovation and Ventures (DRIVe) Accelerator Network (link) – Due May 17, 2018, Funding: $1,500,000 per year for 5 years, Anticipated number of awards: 15-20.

In Vivo Synaptic Function in Alzheimers Disease and Related Dementias (R21 Clinical Trial Not Allowed) (link) – Standard Due Date: February 16, June 16, October 16; 3-5 awards for a total of $1.5 million FY2018. Two-year project period may not exceed $275,000.

BRAIN Initiative: Targeted BRAIN Circuits Projects- TargetedBCP (R01 Clinical Trial Not Allowed) (link) – Due Dates July 3, November 6, 2018. Estimated total of $15 M to fund 20 awards, no budget limit, 5 year project period.

Harnessing Big Data to Halt HIV (R01 Clinical Trial Optional) (link) – Standard AIDS Due Dates: May 7, September 7, January 7. 5 year maximum project period. The number of awards is contingent upon NIH appropriations. Application budgets are not limited but need to reflect the actual needs of the proposed project.

MD Anderson Cancer Center Prostate Cancer SPORE (link) – SPORE is the Specialized Program of Research Excellence funded by the National Cancer Institute. $11,700,000 is available for 2018-2020 Career Enhancement (2 year awards, $50,000 direct funds per year) and Developmental Research (1 year awards, $50,000 direct funds) Program awards. Due Date June 1, 2018. See attachments for additional information.

Enhancing Innovations in Emerging Technologies for Advanced Manufacturing of Complex Biologic Products (R01) (link) – Due June 25, 2018, Total funding $3,000,000 for fiscal year 2018, Awards up to $600,000 per year for 3 years.
Collaborative Innovation Award, Clinical and Translational Science Award (CTSA) Program (U01 Clinical Trial Optional) (link) – New due dates: March 8, 2018, July 11, 2018, November 9, 2018. For non-clinical projects, no more than $500,000 direct costs annual budget should be requested. Maximum project period: 5 years.

Limited Competition: Exploratory CTSA Collaborative Innovation Awards (R21 Clinical Trial Optional) (link) – Due March 29, July 30, November 29, 2018. 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. Up to 2 year project period.

NSF

Dear Colleague Letter: Proposal Due Date Changes for the Division of Mathematical Sciences (MPS) (link)
Dear Colleague Letter: BBSRC-NSF/BIO Lead Agency Opportunity in Bioinformatics and Synthetic Biology (link)
Dear Colleague Letter: Rules of Life (RoL): Design and Engineering of Synthetic Cells and Cell Components (DESYN-C3) (link)
Dear Colleague Letter: Special Guidelines for Submitting Collaborative Proposals under the Division of Chemical, Bioengineering, Environmental, and Transport Systems, the Division of Civil, Mechanical and Manufacturing Innovation, and the Division of Electrical, Communications and Cyber Systems - the UK Engineering and Physical Sciences Research Council (ENG-EPSRC) Lead Agency Activity (link)

United States-Israel Binational Science Foundation Call for Proposals in a Joint NSF-BSF Program in Chemical Engineering and Energy (link) – Full Due October 20, 2018 to NSF – The US PI submission to the NSF MUST include the BIOGRAPHY (in the NSF format), BUDGET (in the BSF format) of the Israeli partner and a collaboration plan as part of the auxiliary material.

Energy, Power, Control, and Networks (EPCN) (link) – Full Due October 1-November 1, 2018; Supplemental Due April 2, 2018 – PD 18-7607

USAID

The USAID BAA for Sustainable Development in Sub-Saharan Africa (link) – Expression of Interest Due May 14, 2918. Estimated total program funding: $3,000,000

USDA

National Institute of Food and Agriculture Higher Education Multicultural Scholars Program (MSP) (link) – Due June 201, 2018. $945,000 funds available FY 2018.

Agriculture and Food Research Initiative - Sustainable Agricultural Systems (link) – Letter of Intent Due June 27, 2018, Full proposal due October 10, 2018. Total Program Funding: $80,000,000. Maximum Award: $10,000,000.

Requests for Information/Notices of Intent
IARPA Request for Information (RFI) – Marine and Coastal Biosecurity (link) – Responses Due June 8, 2018

NASA Call for Ideas – 2018 NASA ITech Cycle II – Energy (link) – Responses due April 29, 2018

Student/Postdoctoral Opportunities

IEEE – Standards Education Grant for Student Application Papers Implementing Industry Standards (link) – June 15, October 15, January 30, $500 for student + $300 for faculty mentor.

NIH NINDS Ruth L. Kirschstein National Research Service Award (NRSA) for Training of Postdoctoral Fellows (F32) (link) – Due Dates June 20, 2018, October 18, 2018. Budget for stipend, tuitions and fees, institutional allowance.

ORNL 19th Annual ORISE/ORNL Graduate Student Recruitment Fair, August 9, 2018 (link) – Registration deadline for presenters July 26, 2018.

ORISE Research Fellowship at DHHS (link) – for post Master’s or postdoctoral level

Fellowship Opportunities in the HHS/OASH Chief Medical Office (link) - for post Master’s or postdoctoral level

Savannah River National Lab - Postdoc Opening - Data Science (link)

Neutron Scattering Post-Master’s Research Associate (link)

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

NIH - *MD Anderson Cancer Center Prostate Cancer SPORE* (link) – SPORE is the Specialized Program of Research Excellence funded by the National Cancer Institute. $11,700,000 are available for 2018-2020 Career Enhancement (2 year awards, $50,000 direct funds per year) Program awards. Due Date June 1, 2018. Candidates must be junior faculty members who would like to pursue a career in prostate cancer research. See attachments for additional information.

Seminars/Events/Workshops

**NSF CAREER Proposal Writing Workshop Featuring Dr. George Hazelrigg**
May 24-25, 2018
Emerging Technologies Building
[Information and Registration](#) - Registration deadline – April 27, 2018

**NSF 2018 CBET CAREER Proposal Webinar**
April 27, 2018
12:00 p.m. - 4:00 p.m. ET
[Information and Registration](#)

**NSF CAREER Program Webinar**
May 15, 2018
1:00 p.m. - 3:00 p.m. ET
[Information and Registration](#)

**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** – 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)

NSF 2018 CBET CAREER Proposal Webinar
April 27, 2018
12:00 p.m. - 4:00 p.m. ET
Information and Registration

NSF CAREER Program Webinar
May 15, 2018
1:00 p.m. - 3:00 p.m. ET
Information and Registration

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

Texas General Land Office University Systems meeting
For all PIs at Texas A&M University who submitted LOIs to the internal call for information and discussion. May 2, 8:30 -10:30 a.m., Center for Infrastructure Renewal, RELLIS campus.
Contact Dr. Laurie Garton, lsgarton@tamu.edu, for more information.

TGLO Texas Coastal Management Program Grant Proposal Workshops
South Padre Island – May 2, 9:30 a.m., South Padre Island Birding and Nature Center
Galveston – May 9, 9:30 a.m., Rosenberg Library
Information – Registration is not required.

2018 NSF Aspiring Computer Systems Research (CSR) PIs Workshop
May 11, 2018
2415 Eisenhower Ave., Alexandria, VA
Information and Registration – Application Deadline is April 20, 2018.

2018 DOE Cyber Conference
June 4-7, 2018
Austin, TX, Texas at the Renaissance Austin hotel
Information and Registration – Registration Deadline May 11, 2018

TEES Annual Research Conference
May 21-22, 2018
Center for Infrastructure Renewal – RELLIS campus (May 21); Memorial Student Center (May 22)
Information and Registration – The Registration Deadline is May 7, 2018.

NIST Atom Probe Tomography and Microscopy 2018 Symposium
June 10-15, 2018  
NIST, 100 Bureau Drive, Gaithersburg, MD  
Information and Registration – The Registration Deadline is June 1, 2018.

DARPA MTO Electronics Resurgence Initiative (ERI) Summit  
July 23-25, 2018  
San Francisco, CA  
Information and Registration – Registration Opens May 1, 2018

DARPA D60: Breakthrough Technology | Past, Present, Future  
September 5-7, 2018  
Gaylord National Resort and Convention Center, National Harbor Oxon Hill, MD  

September 24-26, 2018  
Memorial Student Center  
Information and Registration – Call for Abstracts: Deadline is May 13, 2018.

Research News

New NSF Research.gov Proposal Preparation and Submission Site Will Launch on April 30, 2018

Beginning on April 30, 2018, proposers will be able to prepare and submit full, research non-collaborative proposals in the National Science Foundation’s (NSF) Research.gov system. The initial release of this new Research.gov capability will run in parallel with existing FastLane proposal preparation and submission capabilities. As a result, proposers can choose to prepare and submit full, research non-collaborative proposals in Research.gov or in FastLane starting on April 30, 2018. Other proposal types will be added to Research.gov in the future. Please note, proposals initiated in the new system will not be available in FastLane and proposals prepared in FastLane will not be available in the new system. This new system is being developed incrementally and as capabilities are migrated from FastLane to Research.gov, the system features will expand until it eventually replaces FastLane for proposal preparation and submission. There will be no impact to Grants.gov and Application Submission Web Services (ASWS), and NSF will continue to fully support these proposal submission methods.

To view the complete story, please visit the website.

Prepared by TEES Research Development under the auspices of the Associate Agency Director for Strategic Initiatives and Centers. For questions, email researchnews@tees.tamu.edu.