Funding Opportunities

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

**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 26, 2019; Internal Proposal Due May 3, 2019

**Limited Submission** Pew Charitable Trusts Pew Biomedical Scholars – Email of Intent Due May 1, 2019; Internal Proposal Due May 8, 2019

**Limited Submission** NIH Data Science Research: Personal Health Libraries for Consumers and Patients – Email of Intent Due May 3, 2019; Internal Proposal Due May 10, 2019

**Limited Submission** Edward Mallinckrodt, Jr. Foundation Mallinckrodt Grants – Email of Intent Due May 17, 2019; Internal Proposal Due May 24, 2019

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**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.

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**Qatar National Research Fund**

**New** National Priorities Research Program (NPRP) – Cluster Track 12th Cycle (link) – The online submission channel (Q-Grants) for NPRP-C will open on April 30, 2019, 12:00 p.m., Doha time. Close of IRP submission by Program Director and RO vetting process: September 1, 2019, 12:00 p.m. Doha time.
Cancer Prevention and Research Institute of Texas (CPRIT)

- **Individual Investigator Research Awards** ([link](#)) – Applications Due March 7, 2019 - June 5, 2019 – Up to $300,000 per year. Exceptions permitted if extremely well justified; maximum duration: 3 years.
- **Individual Investigator Research Awards for Cancer in Children and Adolescents** ([link](#)) – Applications Due March 7, 2019 - June 5, 2019 – Up to $300,000 per year. Applicants that plan on conducting a clinical trial as part of the project may request up to $500,000 in total costs. Exceptions permitted if extremely well justified; maximum duration: 4 years.
- **Individual Investigator Research Awards for Clinical Translation** ([link](#)) – Applications Due March 7, 2019 - June 5, 2019 – Up to $400,000 per year. Maximum duration: 3 years. Applicants that plan on conducting a clinical trial as part of the project may request up to $600,000 in total costs and a maximum duration of 4 years.
- **Individual Investigator Research Awards for Prevention and Early Detection** ([link](#)) – Applications Due March 7, 2019 - June 5, 2019 – Up to $300,000 per year for laboratory and clinical research; Up to $500,000 per year for population-based research, including implementation research designed to accelerate the adoption and deployment of sustainable, evidence-based cancer prevention and screening interventions at multiple levels and in different clinical and community settings. Exceptions permitted if extremely well justified; maximum duration: 3 years.

Airbus

- **Airbus Quantum Computing Challenge** ([link](#)) – Submission Period Ends October 2019 – Winners will be offered unique opportunities for hardware access (scheduled for 2020 and after), and to work collaboratively with our industry experts from the flight physics sector. The exact nature of the prize for each of the 5 problem statements may vary.

DOC

- **NIST Cybersecurity for Defense Manufacturing** ([link](#)) – Due May 22, 2019 – NIST anticipates funding one (1) award to a MEP Center or consortium of Centers up to a total of $1,074,000. Eligible applicants for this funding opportunity are MEP Centers or consortia of Centers receiving current cooperative agreement base funding from NIST. Proposals may also include the participation of other collaborating entities such as local economic development organizations, universities, community colleges, technology incubator programs, private third-party service providers, and other organizations.

DOD

**DTRA Releases Three University Research Alliance Draft Solicitations**

The draft solicitations include:

- Adaptive Signature Discovery University Research Alliance
- Materials Science in Extreme Environments University Research Alliance
- Interaction of Ionizing Radiation with Matter University Research Alliance

For more information, please see the attached pdf (slide presentation) and the draft solicitations listed below.
**DOD Long-Term Opportunities**

**New DARPA Biological Technologies** ([link]) – Proposal Abstracts and Full Proposals will be accepted on a rolling basis until April 23, 2020, 4:00 PM ET. – Multiple awards are anticipated. The amount of resources made available under this BAA will depend on the quality of the proposals received and the availability of funds.

**ARL Broad Agency Announcement (BAA) for Basic and Applied Scientific Research for Fiscal Years 2017 through 2022 Amendment 7** ([link]) – This BAA is a continuously open announcement valid throughout the period from the date of issuance through March 31, 2022, unless announced otherwise. – The ACC-APG-RTP Division has the authority to award a variety of instruments on behalf of ARL. Anticipated awards will be made in the form of contracts, grants, cooperative agreements, technology investment agreements (TIAs), or other transactions for prototypes (OTAs).

**ARO Broad Agency Announcement (BAA) for Fundamental Research for 1 April 2017 - 31 March 2022 Amendment 3** ([link]) – This BAA is a continuously open announcement valid throughout the period from the date of issuance through 31 March 2022, unless announced otherwise. – The ACC-APG RTP Division has the authority to award a variety of instruments on behalf of ARO. Anticipated awards will be made in the form of contracts, grants, cooperative agreements, technology investment agreements (TIAs), or other transactions for prototypes (OTAs).

**DOE**

**New Predictive Science Academic Alliance Program III (PSAAP III)** ([link]) Search for DE-FOA-0002068 ([Also see attached]) – Due May 31, 2019 – An estimated total of approximately $20M per year, over a five year period, is anticipated to be available for the entire program, subject to annual appropriations. Years 1-5: MSC: Up to $2.5M; SDC: Up to $1.5M; FIC: $250K - 1M

**New Dark Matter New Initiatives** ([link]) – LOI Due April 30, 2019; Applications Due May 30, 2019 – Ceiling: Total award values (for all years of the request, and including all subawards) will not exceed: $1,500,000 per year; Floor: Total award values (for all years of the request, and including all subawards) will not be less than: $250,000 per year

**New Nuclear Data Interagency Working Group / Research Program** ([link]) – LOI Due May 15, 2019; Application Due June 28, 2019 – It is anticipated that award sizes may range from $150,000 per year to $1,000,000 per year, typically less than $500,000 per year, with a
median award size between $350,000 per year and $400,000 per year. Approximately 4 to 25 awards are expected.

**New** EERE Buildings Energy Efficiency Frontiers & Innovation Technologies (BENEFIT) – 2019 (link) – Concept Papers Due May 21, 2019; Full Due July 15, 2019 – Topic 1: Dynamic Buildings and Communities. EERE may issue approximately 7-16 awards in this topic area, with awards in the amount of $1,000,000 - $3,000,000. Topic 2: Heating Ventilation and Air Conditioning Technologies. EERE may issue approximately 6-18 awards in this topic area, with awards in the amount of $1,500,000 - $2,500,000. Topic 3: Solid-State Lighting. EERE may issue approximately 5-10 awards in this topic area, with awards in the amount of $1,500,000 - $6,000,000.

**Solar Energies Technologies Office Fiscal Year 2019 Funding Program** (link) – LOI Due May 7, 2019; Concept Papers Due May 14, 2019; Full Due July 25, 2019 – EERE expects to make a total of approximately $130 million of federal funding available for new awards under this FOA, subject to the availability of appropriated funds. EERE anticipates making approximately 55 to 84 awards under this FOA. EERE may issue one, multiple, or no awards. Individual awards may vary between $200,000 and $5 million. **Topic Areas:** Topic Area 1: Photovoltaics Research and Development; Topic Area 2: Concentrating Solar-Thermal Power Research and Development; Topic Area 3: Balance of Systems Soft Costs Reduction; Topic Area 4: Innovations in Manufacturing: Hardware Incubator; Topic Area 5: Advanced Solar Systems Integration Technologies

**American-Made Solar Prize Round 2 - Energy, Environment & Resources, Engineering, Government** (link) – Submit your idea by July 16, 2019 – $1,000,000 distributed equally with a range of $25,000 to $50,000 in cash per winner

**Office of Science Graduate Student Research (SCGSR) Program** (link) – Applications Due May 9, 2019 – The SCGSR program provides supplemental awards to support part of a graduate student’s thesis research to be conducted at a DOE laboratory/facility. Supplemental awards are intended to cover incremental costs associated with living and travel expenses during the award period. Each awardee is eligible to receive the following benefits: Living Stipend and Inbound and Outbound Transportation. The SCGSR program does not provide additional support for supplies, materials, or travel while conducting the SCGSR research project at the host DOE laboratory/facility during the award period.

**NIH**

**NIH Standard Due Dates**

**Microbial-based Cancer Therapy – Bugs as Drugs (R01 Clinical Trial Not Allowed)** (link) – LOI Due 30 Days Prior to Application; 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. Application budgets are not limited but need to reflect the actual needs of the proposed project. The maximum project period is 5 years.

**Microbial-based Cancer Therapy – Bugs as Drugs (R21 Clinical Trial Not Allowed)** (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. 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. The maximum project period is 2 years.

**NSF**

**NSF Announces FY 2020 EFRI Topics**

The National Science Foundation has concluded its FY 2020 topic selection process for the Emerging Frontiers in Research and Innovation (EFRI) program and plans to release a solicitation in summer 2019 on the following new topic areas:

- Distributed Chemical Manufacturing
- Engineering the Elimination of End-of-Life Plastics

For more information, please click on [this link](#).

**New** [Dear Colleague Letter: UKRI/BBSRC- NSF/BIO Lead Agency Opportunity in Bioinformatics, Microbiome, Quantum Biology and Synthetic Biology/Synthetic Cell](#) – LOI Due May 10, 2019; Full Due June 25, 2019 – Estimated Number of Awards: 6 to 9; Award Size: $750,000; up to a maximum of $1,250,000 for periods of up to 3 years.

**NSF PD Opportunities**

- **EEC Broadening Participation in Engineering (BPE)** ([link](#)) – Full Proposal Accepted Anytime – PD 19-7680 – The average award size for a BPE research grant is $350,000 for 36 months. Principal Investigators who wish to submit a proposal with a budget greater than $350,000 must contact the cognizant program officer prior to submission. The BPE program does not provide support for undergraduate tuition.

**Pew Charitable Trusts**

- **Limited Submission Pew Biomedical Scholars** ([link](#)) – Nominations Due to Sponsor on June 14, 2019; Full Proposal Due October 17, 2019 – An award of $75,000 per year will be provided to the sponsoring institution for use by the scholar over the four-year period, subject to annual review of the scholar’s progress. Grant agreements will be issued in August of the award year.

**Samsung**

- **New** [Global Collaboration](#) – Due June 25, 2019 (9:00 a.m. Korea Standard Time) – SAMSUNG will send signed GRO RA documents. The selected university will then sign and return the GRO RA documents before the funding process starts.

**Requests for Information/Notices of Intent**

- **New** [United States Army Medical Materiel Development Activity (USAMMDA) Request for Information: Portable Ocular Diagnostic System](#) – Responses Due May 6, 2019
**New** EERE Request for Information (RFI) on Research and Development Opportunities for Innovations in Sensors and Controls for Building Energy Management ([link](#)) – Responses Due June 3, 2019

**Student/Postdoctoral Opportunities**

DOE Office of Science Graduate Student Research (SCGSR) Program ([link](#)) – Applications Due May 9, 2019 – The SCGSR program provides supplemental awards to support part of a graduate student’s thesis research to be conducted at a DOE laboratory/facility. Supplemental awards are intended to cover incremental costs associated with living and travel expenses during the award period. Each awardee is eligible to receive the following benefits: Living Stipend and Inbound and Outbound Transportation. The SCGSR program does not provide additional support for supplies, materials, or travel while conducting the SCGSR research project at the host DOE laboratory/facility during the award period.

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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.

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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/)

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).

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**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 zjpei@tamu.edu for more information.

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**Funding Opportunities**

*Future Funding Opportunities will be posted here.*
Seminars/Events/Workshops

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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 (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)

NSF Convergence Overview – Presented by the Division of Research
April 26, 2019
10:00 a.m. - 11:00 a.m. CT
Session number: 928 478 615
Session password: aggies2019

To join the webinar:

1. Go to https://vpr-tamu.webex.com/vpr-tamu/k2/j.php?MTID=t1353f0a8e83d698341cf9465189db6cc
2. Enter your name and email address.
3. Enter the session password: aggies2019
4. Click “Join Now”.
5. Follow the instructions that appear on your screen.

Host’s name: TAMU Research
Host’s email: support@vpr.tamu.edu

DARPA Manta Ray Proposers Day
May 13, 2019
9:00 a.m. - 5:30 p.m. ET
DARPA Conference Center, 675 North Randolph Street, Arlington, VA
Information and Registration – Registration closes on May 6, 2019, or when capacity is reached.

DARPA Robotic Servicing of Geosynchronous Satellites (RSGS) Proposers Day
May 22, 2019
9:00 a.m. - 5:00 p.m. ET
The Naval Research Laboratory, 4555 Overlook Ave., Washington, DC
Information and Registration – Registration closes on May 6, 2019, or when capacity is reached.

Qatar National Research Fund National Priorities Research Program (NPRP) – Cluster Track 12th Cycle Webinar
May 23, 2019, at 11:00 a.m., Doha time
Registration

DARPA Discover DSO Day
June 18-19, 2019
Arlington, VA
Information and Registration – Registration information will be provided in a separate announcement anticipated for publication in late Spring 2019.

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

Microscopy and Imaging Center Scanning Electron Microscopy Workshop
June 10-12, 2019
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.

Save the Date
Texas A&M Conference on Energy
September 23-25, 2019
Information – The deadline for abstract submission is May 1, 2019.

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.