Funding Opportunities

http://tees.tamu.edu/researchsupport/funding/

**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** NIH Bridges to the Baccalaureate (R25) – Email of Intent Due June 29, 2018; Internal Proposal Due July 9, 2018

**Limited Submission** NIH NINDS Neuroscience Development for Advancing the Careers of a Diverse Research Workforce (R25) – Email of Intent Due June 29, 2018; Internal Proposal Due July 9, 2018

**Limited Submission** NSF CISE Research Infrastructure (CRI) – Email of Intent Due August 10, 2018; Internal Proposal Due August 17, 2018

**Limited Submission** NSF Advancing Informal STEM Learning (AISL) – Email of Intent Due August 10, 2018; Internal Proposal Due August 17, 2018

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

Cancer Prevention & Research Institute of Texas (CPRIT)
**Recruitment of First-Time, Tenure-Track Faculty Members** (link) – The application period is June 21, 2018 through June 20, 2019. – Award: Up to $2 million up to a period of five years.

**Recruitment of Rising Stars** (link) – The application period is June 21, 2018 through June 20, 2019. – Award: Up to $4 million over a period of five years.

**Recruitment of Established Investigators** (link) – The application period is June 21, 2018 through June 20, 2019. – Award: Up to $6 million over a period of five years.

**DOD**

**Congressionally Directed Medical Research Programs (CDMRP) Peer Reviewed Medical Research Program** (link) – Parkinson’s Research Program, Lung Cancer Research Program – Due Dates and Awards Vary for Each Mechanism

**Fiscal Year 2018 – Fiscal Year 2022 (FY18-FY22) U.S. Army Medical Research and Materiel Command’s (USAMRMC) Broad Agency Announcement (BAA) for Extramural Medical Research** (link) – Continuously Open through September 30, 2022 – The funding amount for this BAA is unspecified, and the number of awards is indeterminate and contingent upon funding availability. Selection of research projects is a highly competitive process and is based on the evaluation of the proposal/application’s technical merit, programmatic considerations, and the availability of funds.

**2018 ERDC Broad Agency Announcement** (link) – Pre-Proposals Due January 31, 2019

**FY18 Funding Opportunity Announcement (FOA) for the Office of Naval Research (ONR) Navy and Marine Corps Science, Technology, Engineering & Mathematics (STEM), Education and Workforce Program** (link) – White Papers Due April 1-July 31, 2018; Applications Due September 28, 2018 – Each individual award will be up to a maximum of $250,000 per year, with one-year (1) option periods, for up to three (3) years.

**DOE**

**Integrated University Program (IUP): Enabling Technologies and Innovation (ETI) & Monitoring, Technology and Verification (MTV)** (link – Search FedConnect for DE-FOA-0001875) – Applications Due September 4, 2018 – Approximately $10 million a year is expected to be available for all awards under this announcement, contingent upon the availability of appropriated funds. DOE/NNSA may fund up to a total of $25 million for each award (estimated at two) under this FOA, contingent upon the availability of appropriate funds.

**The French Ministry of Higher Education and Research and the Franco-American Fulbright Commission**

**Fulbright-Tocqueville Distinguished Chair Award US Scholar Program** (link) – American Applications Due August 1, 2018 – €6,500 per month if in Paris. If outside Paris, between €6,100 per month and €6,300 per month depending on location. Additional travel allowance of €1,200.

**Fulbright Research Grants – Grand Est Regional Award** (link), **Nouvelle-Aquitaine Regional Award** (link), and **Hauts-de-France Regional Award** (link) (Grants lengths may vary depending on the regional award) – Applications Due August 1, 2018 – €2,400–€2,800 per month depending on the city of placement. There is no allocation for accompanying dependents. Applicants are responsible for finding their own housing, although some host
institutions may facilitate the process. International travel allowance provided for grantee only. All research scholars receive a travel allowance of €1,200.

**Fulbright-Paris Seine University Award** (link) – Applications Due August 1, 2018 - €2,800 per month. There is no allocation for accompanying dependents. International travel allowance provided for grantee only. All research scholars receive a travel allowance of €1,200.

**IARPA**

**Molecular Information Storage (MIST)** (link) – Proposal Due July 16, 2018 – Multiple awards anticipated. The amount of resources made available under this BAA shall depend on the quality of the proposals received and the availability of funds.

**Fusion of Face Recognition Algorithms (FOFRA) Prize Challenge** (link) – Registration Deadline: August 6, 2018 – The developers of the fusion methods with the greatest improvements in match accuracy will be eligible to win cash prizes from a total prize purse of $70,000. Prizes will be awarded in four categories: template- and score-level fusion applied to verification and identification, with extra awards to winners who opt to open-source their approaches.

**The Institution of Engineering and Technology (IET)**

**IET Innovation Awards – Manufacturing Technology and Emerging Technology Design** (link) – Self-Nomination and Nomination Deadline: July 6, 2018 – Each of the winning innovations will be automatically entered into the IET and E&T Magazine Innovation of the Year 2018 for the chance to be crowned the best of the best.

**NIH**

**NIH Director’s Transformative Research Award (R01 - Clinical Trial Optional)** (link) – Due September 21, 2018 – NIH Common Fund intends to commit approximately $8 million dollars in FY 2018 and make approximately 7 awards, depending on the size and scope of the most meritorious awards.

**NIH Director’s New Innovator Award Program (DP2 - Clinical Trial Optional)** (link) – Due September 10, 2018 – 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.

**Promoting Research in Basic Neuroscience (R01 Clinical Trial Not Allowed)** (link) – Standard Due Dates: February 5, June 5, October 5 – NINDS intends to fund up to 12 awards, corresponding to a total of $5.0 million for fiscal year 2019. Future year amounts will depend on annual appropriations. Award Budget: Application budgets are not limited but need to reflect the actual needs of the proposed project.

**Bioengineering Research Grants (BRG) (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. Application budgets are not limited but need to reflect the actual needs of the proposed project.

**NSF**
**Innovation Corps - National Innovation Network Teams Program (I-Corps™ Teams)** ([link](#))

- Full Proposals Accepted Anytime (with a cognizant NSF Program Officer’s invitation)
- Estimated Number of Awards: 255; Estimated program budget, and number of awards are subject to the availability of funds. Anticipated Funding Amount: $12,750,000; the anticipated funding amount is $12.75 million per year, pending availability of funds.

**ECCS Energy, Power, Control, and Networks (EPCN)** ([link](#)) – Full Proposals Accepted Anytime – PD 18-7607

**ECCS Electronics, Photonics and Magnetic Devices (EPMD)** ([link](#)) – Full Proposals Accepted Anytime – PD 18-1517

**ECCS Communications, Circuits, and Sensing-Systems (CCSS)** ([link](#)) – Full Proposals Accepted Anytime – PD 18-7564

**Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII)** ([link](#)) – Full Due August 8, 2018 – CISE expects to make 55 to 60 awards each year with the total funding to be up to $10,000,000 each year, subject to the availability of funds. Each award will be up to $175,000 for up to 24 months.

**Innovations at the Nexus of Food, Energy and Water Systems (INFEWS)** ([link](#)) – Full Due September 26, 2018 – Projects submitted to Tracks 1-2 (Track 1, modelling; Track 2, solutions) will request three to five years of support with a total budget less than or equal to $2,500,000 per project. Projects submitted to Track 3 (Track 3, RCN) will request four or five years of support with a total budget less than or equal to $750,000 per project.

**Re-entry to Active Research Program (RARE)** ([link](#)) – Full Proposals Accepted Anytime – A RARE proposal will typically be up to $100,000 per year, for a period of one to three years. It is anticipated that there will be up to $1,200,000.00 total funds available for this program, pending availability of appropriations.

**MS Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences (CDS&E-MSS)** ([link](#)) – Full Due September 1-17, 2018 – PD 18-8069

**UE Accelerating Discovery: Educating the Future STEM Workforce (AD)** ([link](#)) – Full Due April 2, 2018-January 16, 2019 – PD 18-1998

**MS Mathematical Biology** ([link](#)) – Full Due August 20-September 5, 2018 – PD 18-7334

**CMMI Dynamics, Control and Systems Diagnostics (DCSD)** ([link](#)) – Full Proposals Accepted Anytime – PD 19-7569

**PHY Computational and Data-Enabled Science and Engineering (CDS&E)** ([link](#)) – Full Proposal Window: September 1, 2017-August 31, 2018 (Check Directorate/Division information for exact dates) – PD 12-8084

**Requests for Information/Notices of Intent**

- DOE Notice of Intent: Innovative Design Concepts for Standard Modular Hydropower and Pumped Storage Hydropower ([link](#))
- DOE Notice of Intent: Energy-Water Desalination Hub ([link](#))
- DOE Notice of Intent: Advanced Wind R&D to Reduce Costs and Improve Environmental Performance ([link](#))

**Student/Postdoctoral Opportunities**

Translational Research Institute for Space Health (TRISH) Postdoctoral Fellowship Program ([link](#)) – Proposals Due July 31, 2018 – 2 years of salary plus medical (but not fringe benefits, ~$785/year at salary rate they fund) plus travel.
**Fulbright 2019-2020 U.S. Student Program** (link) – Due October 9, 2018 – Round-trip transportation to the host country; funding to cover room, board, and incidental costs, based on the cost of living in the host country; Accident & Sickness Health Benefits

**Fulbright Research Grants – Grand Est Regional Award** (link), **Nouvelle-Aquitaine Regional Award** (link), and **Hauts-de-France Regional Award** (link) (Grants lengths may vary depending on the regional award) – Applications Due August 1, 2018 – €2,400-€2,800 per month depending on the city of placement. There is no allocation for accompanying dependents. Applicants are responsible for finding their own housing, although some host institutions may facilitate the process. International travel allowance provided for grantees only. All research scholars receive a travel allowance of €1,200.

**Fulbright-Paris Seine University Award** (link) – Applications Due August 1, 2018 - €2,800 per month. There is no allocation for accompanying dependents. International travel allowance provided for grantees only. All research scholars receive a travel allowance of €1,200.

**IEEE The Bruce Hasegawa Young Investigator Medical Imaging Science Award** (link) – Nomination Deadline: July 15, 2018 – $1,500

**The Institution of Engineering and Technology (IET) Innovation Awards – Manufacturing Technology and Emerging Technology Design** (link) – Self-Nomination and Nomination Deadline: July 6, 2018 – Each of the winning innovations will be automatically entered into the IET and E&T Magazine Innovation of the Year 2018 for the chance to be crowned the best of the best.

**NNSA Graduate Fellowship Program** (link) – Applications Due October 3, 2018 – NGFP Fellows receive competitive salaries, benefits, and other incentives including: Annual salary: $52,000 ($62,000 for post-doctoral Fellows)

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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.

### 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**
**NIH Director's New Innovator Award Program (DP2 - Clinical Trial Optional) [link]** – Due September 10, 2018 – 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.

**Fulbright Research Grants – Grand Est Regional Award [link], Nouvelle-Aquitane Regional Award [link], and Hauts-de-France Regional Award [link]** (Grants lengths may vary depending on the regional award) – Applications Due August 1, 2018 – €2,400-€2,800 per month depending on the city of placement. There is no allocation for accompanying dependents. Applicants are responsible for finding their own housing, although some host institutions may facilitate the process. International travel allowance provided for grantee only. All research scholars receive a travel allowance of €1,200.

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**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/](http://jfa.tamu.edu/).

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**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)

TEES/Hanover Research Proposal Basics Webinar
June 29, 2018
11:00 a.m. - 1:00 p.m. CT
Information and Registration

Innovation Corps – National Innovation Network Teams Program (I-CorpsTM Teams) Teams Webinar Series
July 12, 2018, and August 9, 2018
2:00 p.m. ET
Information and Registration

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

DARPA MTO Electronics Resurgence Initiative (ERI) Summit
July 23-25, 2018
San Francisco, CA
Information and Registration – The Registration Deadline is June 29, 2018, or when capacity is reached.

2018 Natural Gas Utilization Workshop
August 12-14, 2018
Memorial Student Center
Information and Registration – Call for Abstracts Open until July 13, 2018.

DOE 2018 Energy Exchange and Better Buildings Summit
August 21-23, 2018
Huntington Convention Center, Cleveland, OH
Information and Registration – Deadline for Early Bird Registration is June 15, 2018

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

September 24-26, 2018
Memorial Student Center
Information and Registration
Research News

Engineering New Possibilities

For decades, biomedical engineers have used their acumen to revolutionize healthcare through the development of devices, tools, equipment, techniques, and pharmaceuticals that have advanced the medical field in ways previously unimaginable.

While patients around the world have benefited from this ingenuity, those patients almost exclusively have had one thing in common—they've all been human.

Researchers in the Texas A&M College of Veterinary Medicine & Biomedical Sciences (CVM) and the Texas A&M College of Engineering have teamed up to begin filling that gap in the biomedical engineering field--that of veterinary medicine--by exploring the possibilities of what can be accomplished when innovative minds come together.

To view the complete story, please visit the TEES website.

Mechanical Engineers Look for Innovative Ways to Build Microdevices

Dr. Andreas A. Polycarpou, Dr. John A. Rogers and mechanical engineering graduate teaching fellow Mohammad Humood from the Department of Mechanical Engineering at Texas A&M University are conducting research to help further the broader engineering goal to develop flexible, wearable electronic devices, which can be integrated into clothes, glasses, skin and even inside the human body.

“These devices are required to be mechanically robust and able to retain their performance and efficiency under different ranges of mechanical deformations, such as bending and twisting, without any failure in the rigid components of these devices, such as silicon and copper,” said Humood, who came onto the project after he was awarded the Hagler Institute for Advanced Study Fellowship and was assigned to work with faculty fellow Rogers.

To view the complete story, please visit the TEES website.

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.