Potential Opportunity for NSF and NIH Supplements to Existing Grants

Because FY18 appropriations were approved late in the cycle, there are some indications that funding agencies, such as NSF and NIH, will rely on distributing some money through supplements to existing grants. Faculty with existing NSF and NIH grants are encouraged to contact their program officers very soon to inquire about supplements (up to $1 million) to either buy a piece of equipment that had to be eliminated from a previous project budget or to expand the scope of the project to include another element/facet, and to add on REUs and RETs.

For those faculty who are unsure how to begin the conversation, it could be as simple as calling them and letting them know how the project is going (let them know about any recent successes from the project) and then telling them that it would be great to do “x or y” to augment these findings, etc.

Funding Opportunities

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

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.
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** *Edward Mallinckrodt, Jr. Foundation Mallinckrodt Grants* – Email of Intent Due May 30, 2018; Internal Proposal Due June 6, 2018

**Limited Submission** *W.M. Keck Foundation Undergraduate Education Program* – Email of Intent June 12, 2018; Internal Proposal Due June 19, 2018

**Limited Submission** *W.M. Keck Foundation Keck Research Program* – Email of Intent Due June 12, 2018; Internal Proposal Due June 19, 2018

**Limited Submission** *NSF Research Experiences for Teachers (RET) in Engineering and Computer Science Supplements and Sites* – Email of Intent Due June 21, 2018; Internal Proposal June 28, 2018

**Limited Submission** *NIH Institutional Research and Academic Career Development Awards (IRACDA) (K12)* – Email of Intent Due June 21, 2018; Internal Proposal Due June 28, 2018

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

**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

---

**TAMU CTE, Associate Provost for Undergraduate Studies, Student Activities, Solved Institute, and Office of Sustainability**

**Service-Learning Faculty Fellows Program** (link) – Applications Due June 15, 2018 – Up to six (6) Service-Learning Fellows will be selected for the 2018-2019 cohort in a competitive review process and will be awarded a $2,000 faculty development award.

**Southwest I-Corps**

**Regional NSF I-Corps Programs** – **Program Dates:** June 13, 2018 - July 11, 2018 – Southwest I-Corps is offering a regional NSF I-Corps program to facilitate the commercial evaluation of academic research and innovation, and develop eligible teams for the national NSF I-Corps program and a $50,000 I-Corps team grant. During the program, teams will be introduced to the fundamental I-Corps principles, helping teams explore the potential value of their research or innovation, and quickly and effectively validate their commercialization strategy. **When & Where:** Wednesday, June 6 – Pre-Launch (virtual); Wednesday, June 13 – Networking Reception (optional); Thursday, June 14 & Friday, June 15 – Opening Workshop in Houston; Friday, June 29 – Midterm Review (virtual); Wednesday, July 11 – Closing
Workshop in Houston.

**Information and Application:** [https://mays.qualtrics.com/jfe/form/SV_24Z4clnbgPorabb](https://mays.qualtrics.com/jfe/form/SV_24Z4clnbgPorabb)

**DOD**

**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](https://mays.qualtrics.com/jfe/form/SV_24Z4clnbgPorabb)) – 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](https://mays.qualtrics.com/jfe/form/SV_24Z4clnbgPorabb)) – 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](https://mays.qualtrics.com/jfe/form/SV_24Z4clnbgPorabb)) – 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](https://mays.qualtrics.com/jfe/form/SV_24Z4clnbgPorabb)) – 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.

**Buildings Energy Efficiency Frontiers & Innovation Technologies (BENEFIT) 2018** ([link](https://mays.qualtrics.com/jfe/form/SV_24Z4clnbgPorabb)) – Concept Papers Due June 8, 2018; Full Due August 23, 2018 – EERE expects to make approximately $19.5 million of Federal funding available for new awards under this FOA, subject to the availability of appropriated funds. EERE anticipates making approximately 14 to 24 awards under this FOA. EERE may issue one, multiple, or no awards.

**Solid-State Lighting Advanced Technology R&D – 2018** ([link](https://mays.qualtrics.com/jfe/form/SV_24Z4clnbgPorabb)) – Full Due June 18, 2018 – EERE expects to make approximately $15 Million of Federal funding available for new awards under this FOA, subject to the availability of appropriated funds. EERE anticipates making up to 16 awards under this FOA. EERE may issue one, multiple, or no awards. Individual awards may vary between $500,000 and $1.5 million.

**Research, Development and Training in Isotrope Production** ([link](https://mays.qualtrics.com/jfe/form/SV_24Z4clnbgPorabb)) – Due June 15, 2018 – It is anticipated that award sizes may range from $100,000 per year to $750,000 per year.

**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-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.

**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](#)) – Deadline for comments on API and other documents: June 6, 2018; 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.

**Training Modules to Enhance the Rigor and Reproducibility of Biomedical Research (R25 Clinical Trial Not Allowed)** ([link](#)) – Due June 29, 2018 – The following NIH components intend to commit the following amounts in FY 2019: NIGMS: $1,500,000, 4-6 awards;
NCCIH: $150,000, 1 award; NIDA, $300,000, 1-2 awards; NIDCR: $100,000, 1 award; NINDS: $150,000, 1 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**

With the release of the revised PAPPG (18-1) ([link](#)), effective January 29, 2018, there is also a revised Collaborators and Other Affiliations (COA) spreadsheet. Click on this ([link](#)) to find more information about the COA and to download the spreadsheet.

The latest NSF Proposal and Award Policy newsletter features an article about a draft version of the PAPPG is available for comment in the Federal Register. To view the newsletter, click on this ([link](#)).

**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.

**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

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

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

**CMMI Manufacturing Machines and Equipment (MME)** ([link](#)) – Full Proposal Window: September 1, 2018-September 17, 2018 – PD 17-1468

**CMMI Dynamics, Control and Systems Diagnostics (DCSD)** ([link](#)) – Full Proposal Window: September 1, 2018-September 17, 2018 – PD 17-7569
**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

**W.M. Keck Foundation**

*Limited Submission* Undergraduate Education Program ([link]) – Due November 1, 2018, for Phase 1 applications – Historically, grants range from $200,000 to $1,000,000 and are typically under $500,000.

*Limited Submission* Keck Research Program ([link]) – Due November 1, 2018, for Phase 1 applications – Historically, grants range from $500,000 to $5,000,000 and are typically $2,000,000 or less.

**Requests for Information/Notices of Intent**

**DARPA** Request for Information (RFI) – RFMLS (RF Machine Learning Systems) Program ([link]) – Responses Due June 1, 2018

**IARPA** Request for Information (RFI) – Credibility Assessment Datasets ([link]) – Responses Due May 31, 2018

**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]) – October 3, 2018 – NGFP Fellows receive competitive salaries, benefits, and other incentives including: Annual salary: $52,000 ($62,000 for post-doctoral Fellows)
The Marconi Society *Paul Baran Young Scholar Award* ([link]) – Nominations Accepted until June 30, 2018 – Awardees receive a $5,000 cash prize and $1,000 in expenses to attend the annual symposium and award recognition dinner.

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-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.

**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.

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/).

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)*

**Today**

**UIDP Webinar: National Science Foundation’s GOALI Program**

May 30, 2018

2:00 p.m. - 3:00 p.m. ET

[Information and Registration](#)

**PReemptive Expression of Protective Alleles and Response Elements (PREPARE) Proposers Day**

June 13, 2018

8:00 a.m. - 5:00 p.m. ET

Westin Arlington Gateway Hotel, Arlington, VA

[Information and Registration](#) – Registration Closes June 10, 2018, or when capacity is reached.

Seminars/Events/Workshops for All Faculty

[http://tees.tamu.edu/researchsupport/events/](http://tees.tamu.edu/researchsupport/events/)
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.

Chancellor’s Summit of Academic Technology 2018 (CSAT) (Sponsored by A&M System Council for Academic Technology and Innovative Education (CATIE)  
June 13-14, 2018  
Hilton College Station Hotel and Conference Center  
Information and Registration

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 Deadline is June 13, 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 – Call for Abstracts Deadline has been extended to June 4, 2018.

Defense TechConnect Fall Summit & Expo  
October 23-25, 2018  
Tampa, FL  
Information and Registration – The Call for Innovations deadline is June 29, 2018. The Call for Panels and Call for Posters deadline is June 8, 2018.

Research News

Collaborating to solve problems of ‘scaling up’ stem cell technology
How researchers in medicine and engineering are moving a bone-healing technology forward

When biomedical researchers have a technology they believe can help patients, they want to get it into the clinic as soon as possible. However, some therapies that look promising in the lab are challenging to “scale up” and produce in sufficient quantities to test in a larger group, or eventually make broadly available to patients.

Dr. Carl Gregory, an associate professor in the Institute for Regenerative Medicine at the Texas A&M College of Medicine, found this out firsthand with his research using adult stem cells to repair bone. Gregory’s earlier work found that injecting mesenchymal stem cells from donated human bone marrow—and an accompanying “biomatrix” of proteins that are usually found in young bone tissue—at the site of the injury could help healing.

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.