Attention - COVID-19 guidance and opportunities from federal sponsors

Texas A&M University Division of Research
Research Guidance During COVID-19 (link)

BARDA
2019 Novel Coronavirus Medical Countermeasure Partnership Opportunities (link)

COGR
Institutional and Agency Responses to COVID-19 and Additional Resources (link)

DOE
DOE Coronavirus Hub (Please see attached document for further information) (link)

NASA
Letter to the NASA Contractor Community (link)

NIH
- General Frequently Asked Questions (FAQs) – Proposal Submission and Award Management Related to COVID-19 (link)
- Coronavirus Disease 2019 (COVID-19): Information for NIH Applications and Recipients of NIH Funding (link)
- NIH Late Application Policy Due to Public Health Emergency for United States for 2019 Novel Coronavirus (COVID-19) (link)
- Flexibilities Available to Applicants and Recipients of Federal Financial Assistance Affected by COVID-19 (link)
- Notice of Special Interest (NOSI) Regarding the Availability of Urgent Competitive Revisions for Research on the 2019 Novel Coronavirus (2019-nCOV) (link)
- NIH Guidance on Travel and Meetings (link)

NSF
- Special Report: Coronavirus Information (link)
- Dear Colleague Letter: Provisioning Advanced Cyberinfrastructure to Further Research on the Coronavirus Disease 2019 (COVID-19) (link)
- Frequently Asked Questions (FAQs) about the Coronavirus Disease 2019 (COVID-19) for National Science Foundation and Awardees (link)

Bill & Melinda Gates Foundation
Bill & Melinda Gates Foundation, Wellcome, and Mastercard Launch Initiative to Speed Development and Access to Therapies for COVOID-19 (link)

Naval Research Lab
NRL Contractor OCONUS Travel and Telework Guidance (link)
TEES Research Development
Proposal Development Assistance

For assistance, please contact TEES Research Development at proposalsupport@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**

**Graphics for a Proposal Being Submitted to Federal Agencies** – Preference will be given to large proposals and NSF CAREER proposals.

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**Funding Opportunities**

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

**LIMITED SUBMISSIONS**

[https://tamu.infoready4.com/#limitedsubmissions](https://tamu.infoready4.com/#limitedsubmissions)

The Division of Research has implemented a brand new proposal submission and review portal. The system will be used for limited submissions and most internal grant programs. You will find available opportunities at: [https://tamu.infoready4.com/#limitedsubmissions](https://tamu.infoready4.com/#limitedsubmissions).

The limited submission office will be phasing in the portal as new limited submission opportunities arise. If you have any questions, please contact limitedsubmissions@tamu.edu or Shelly Martin at 979-862-2233.

- **Limited Submission** Cancer Prevention & Research Institute of Texas (CPRIT) Research Training Awards – Internal Proposal Due March 25, 2020
- **Limited Submission** Pew Biomedical Scholars – Internal Proposal Due April 16, 2020
- **Limited Submission** NIH Personal Health Libraries for Consumers and Patients (R01 Clinical Trial Optional) – Internal Letter of Intent Due April 31, 2020
- **Limited Submission** NIH Shared Instrumentation for Animal Research (SIFAR) Grant Program – Internal Letter of Intent Due April 1, 2020
TEXAS A&M OPPORTUNITIES

TAMU/São Paulo FAPESP

SPRINT Call for Proposals – 1st Edition 2020 São Paulo Researchers in International Collaboration (SPRINT) (link) – Full Due April 27, 2020 – Funds can be requested for the mobility of researchers, according to FAPESP standards, to accomplish the purposes set forth under item 1 of this Call for Proposals and must be requested individually for each researcher and per scientific mission.

Qatar National Research Fund (QNRF)

Path towards Precision Medicine (PPM) – 4th Cycle (link) – Opening of the online proposal submission: January 15, 2020; Closing of the online proposal submission by LPI: March 25, 2020; Closing of the online Research Office Vetting: April 1, 2020 – For up to four-year awards, application budget may not exceed US $200K for a one-year project, US $400K for a two-year project, US $600K for a three-year project and US $700K for a four-year project. For projects of more than one year, the budget may not exceed US $250K in any year.

FEDERAL AND OTHER FUNDERS

Cancer Prevention & Research Institute of Texas (CPRIT)

Limited Submission Research Training Awards (link) – Application Window: March 4, 2020 - June 3, 2020 – Applicants may request a maximum of $800,000 in total costs per year for up to 5 years.

DARPA

New Acceleration of Quantum Dot Device Development (Topic 20) (link) Abstracts Requested by: April 17, 2020, 4:00 p.m. Eastern. Full Proposal due: May 29, 2020, 4:00 p.m. Eastern – DARPA DSO intends to make at least one award of up to $100,000 and one year duration as a result of this process.

New Detecting the Presence of Artificially Intelligent Systems (Topic 21) (link) - Abstracts Requested by: April 20, 2020, 4:00 p.m. Eastern. Full Proposal due: June 04, 2020, 4.00 p.m. Eastern – DARPA DSO intends to make at least one award of up to $100,000 and one year duration as a result of this process.

New Atmosphere as a Sensor (AtmoSense) (link) - Abstract Due Date: March 13, 2020, 4:00 p.m. Eastern. Full proposal due: April 22, 2020, 4.00 p.m. Eastern - DARPA anticipates multiple awards. The level of funding for individual awards made under this BAA will depend on the quality of the proposals received and the availability of funds. Awards will be made to proposers whose proposals are determined to be the most advantageous to the Government, all evaluation factors considered.

New Rational Integrated Design of Energetics (RIDE) (link) - Abstract Due Date: March 25, 2020, 4:00 p.m. Eastern. Full Proposal due: May 08, 2020, 4.00 p.m. Eastern - DARPA anticipates multiple awards. The level of funding for individual awards made under this BAA will depend on the quality of the proposals received and the availability of funds.

New Microsystems Technology Office (MTO) Office-wide (link) - Abstract Due Date: Abstracts may be submitted on a rolling basis until 1:00 PM on January 3, 2022. Full Proposal Due: March 13, 2022 - 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.

**NIST Measurement Science and Engineering (MSE) Research Grant Programs** ([link]) – Applications will be accepted and considered on a rolling basis as they are received. The announcement remains active until a new announcement is issued. – Funding amounts vary by program.

**DOC**

New **National Institute of Standards and Technology Center for Neutron Research (NCNR) Comprehensive Cooperative Agreement Program** ([link]) - Full Proposal due May 8, 2020. NIST anticipates funding one (1) – three (3) awards pursuant to this NOFO, with each award having a total project performance period of up to five (5) years and federal funding of approximately $1,000,000 - $3,000,000 per year. See Section II.2. of this NOFO for more information regarding the availability of NIST funding for this funding opportunity.

**NOAA FY 2018-2020 – Broad Agency Announcement (BAA)** Announcement Type: Initial ([link]) – Due September 30, 2020 – There are no funds specifically appropriated by Congress for this BAA. Funding for potential projects in this notice is contingent upon the availability of Fiscal Year 2018, Fiscal Year 2019, and Fiscal Year 2020 appropriations.

New **National Sea Grant College Program 2020 Special Projects** ([link]) – September 30, 2020 Funding availability may change during the time this competition is open. When updated information about funding becomes available, individual competition announcements will be sent by electronic mail to eligible applicants, and posted under “2020 Special Projects Competition” on the Sea Grant website at [http://seagrant.noaa.gov/Funding](http://seagrant.noaa.gov/Funding).

**DOD**

New **Innovation Corps @ Department of Defense Program (I-Corps @ DoD Program) Fiscal Year 2020** ([link]) - Full Proposal due: June 15, 2020. DoD intends to award roughly $700,000 under this Program Announcement (PA), subject to the availability of funds.

New **Congressionally Directed Medical Research Programs (CDMRP) Funding Opportunities and Pre-announcements** ([link]) – Bone Marrow Failure Research Program, Lung Cancer Research Program – Due Dates and Awards Can Vary for Each Mechanism

New **Applying Engineering With Nature® (EWN) Techniques, Approaches and Practice on a Regional Scale** ([link]) - Full Proposal due: May 11, 2020 - Estimated Total Program Funding $7,500,000.00 total over 3 years; $2,500,000.00 for base and each option year.

New **2020 U.S. Army Engineer Research and Development Center (ERDC) Broad Agency Announcement (BAA) Synopsis 4** ([link]) – Pre-proposals will be accepted anytime; Full proposals by invitation. A one-page Executive Summary will be required for both. The BAA closes on February 05, 2021 – This BAA affords the offeror the option of submitting proposals for the award of a contract, grant, cooperative agreement, or other transaction.

New **DTRA Strategic Trends Division Broad Agency Announcement (BAA)** ([link]) – Phase 1: White papers accepted anytime; Phase 2 by invitation. The BAA closes March 02, 2025 –
DTRA SI-STT estimates the total program budget divided among multiple awardees at approximately $1,950,000 per year.

**Hydrogen Fuel Cell-Battery Powered Hybrid Emergency Relief Truck: ‘H2Rescue’** (link) – Full Due March 31, 2020 – The maximum federal outlay for this award is $1,100,000. With 1:1 cost share, this provides $2,200,000, (or more with additional industry cost share), to be applied to the overall project.

**DARPA Microsystems Technology Office (MTO) Office-Wide** (link) – Abstracts may be submitted on a rolling basis until 1:00 p.m. on May 26, 2020; Proposals Due June 26, 2020 – Multiple awards are anticipated.

**Broad Agency Announcement (BAA): C4ISR, Information Operations, Cyberspace Operations and Information Technology System Research** (link) – White Papers and Proposals are Due by closing date on May 13, 2020 (see Section IV for application and submission information) – Multiple awards are anticipated.

**DOD Long-Term Opportunities**

**DTRA Fundamental Research to Counter Weapons of Mass Destruction Amendment 9** (link) – Due September 2024 – 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.

**ARO Broad Agency Announcement (BAA) for Fundamental Research for 1 April 2017 - 31 March 2022 Amendment 6** (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).

**National Geospatial-Intelligence Agency Academic Research Program (NARP) Amendment 2** (link) – White papers will be accepted on a continuous, rolling basis and may be submitted at any time before 11:59 p.m. EDT on 31 September 2021. Proposals, if requested, may be submitted at any time until the closing date of 31 December 2021 at 11:59 p.m. EST. – NURI awards are expected to have not more than a 24-month base period and a value of up to $400,000, with up to three one-year options valued at up to $200,000 per option year. NIP award grants are expected to have a 24-month base period valued up to $200,000, with up to one-year option valued at $100,000. NRCF grants are normally less than $30,000 per event based on merit.

**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.

**United States Special Operations Command Broad Agency Announcement (BAA) for Extramural Biomedical Research and Development** (link) – It is continuously open for a 5-year period, from 1 August 2018 closing 31 July 2023, 11:59 p.m. Eastern Time. – The Anticipated total costs budgeted for the entire period of performance will not exceed $3 Million annually. The number of awards is indeterminate and contingent upon funding availability.
DoD USAMRMC FY18-FY22 Broad Agency Announcement for Extramural Medical Research Synopsis 3 (link) – This Funding Opportunity Announcement is a Broad Agency Announcement. It is continuously open for a 5-year period, from October 1, 2017 through September 30, 2022, 11:59 p.m. Eastern Time. – The funding amount for this BAA is unspecified, and the number of awards is indeterminate and contingent upon funding availability.

AFRL RV-RD Assistance Instruments Announcement (link) – Closes December 19, 2023. Proposals may be submitted any time during this 5 year period and are evaluated as they are received. – The Government anticipates awarding multiple assistance instruments of various values and periods of performance under this FOA.

Research for Integrated Vehicle Aerodynamic Technologies (RIVAT) (link) – The BAA is open and effective until May 9, 2023. White Papers will be considered if received prior to 1400 EST on May 9, 2023. – The total program value is $4,900,000 with multiple awards ranging from $50,000 to $250,000 (the Government reserves the right to exceed this amount if necessary).

Army Applications Lab BAA for Disruptive Applications Synopsis 2 (link) – This BAA is a continuously open announcement valid throughout the period from the date of issuance through May 1, 2024, unless announced otherwise. – The DoD agencies involved in this program reserve the right to select for award all, some, or none of the proposals submitted in response to this announcement. Due to Government budget uncertainties, no specific dollars have been reserved for awards under this BAA.

AFRL/RXC Structural Materials Open BAA (link) – White Papers may be submitted any time until September 20, 2023; Proposal Due Date to be provided in the Requests for Proposals sent to offerors – The total estimated program value is $99,500,000, with multiple awards ranging from $100,000 to $5,000,000.

DOE

Opportunities in Frontier Plasma Science (link) – Letter of intent due April 6, 2020. Full proposal due May 8, 2020. A total of $10,000,000 in current and anticipated future fiscal year funding will be used to support up to 20 awards between $20,000 and $120,000 per year

Measurement Innovations for Fusion Energy and Plasmas (link) - Pre-Application due: March 20, 2020. Full proposal due May 6, 2020. A total of $3,000,000 in Fiscal Year 2020 appropriated funds will be used to support all years of up to 3 awards totaling between $60,000 and $1,200,000.

Theoretical Research in Magnetic Fusion Energy Science (link) - Letter of intent due March 27, 2020. Full proposal due May 1, 2020. Total funding up to $13,000,000 (three-year total) is expected to be available to support this FOA subject to appropriation of funds by the Congress. In FY 2020, up to $7,000,000 of FY 2020 appropriated funds will be made available for up to 3 awards not to exceed $7,500,000 each.

Scientific Discovery through Advanced Computing: Scientific Machine Learning and Artificial Intelligence for Fusion Energy Sciences (link) Letter of intent due March 30, 2020. Full due April 30, 2020. A total of $21,000,000 in current and future fiscal year funds is expected to be available to support up to 7 awards totaling between $50,000 and $3,000,000.

Joint FY20 Bioenergy and Advanced Manufacturing FOA BOTTLE: Bio-Optimized Technologies to keep Thermoplastics out of Landfills and the Environment (link) -
Concept Papers due: April 22, 2020; Full Proposal due: June 18, 2020 - A total of $25,000,000 in current and future fiscal year funds is expected to be available to support up to 10 awards totaling between $1,500,000 and $2,500,000.

**New Workforce Development in Emerging Fields** ([link](#)) - April 13, 2020 - This FOA seeks to fund a land-grant university to pursue leading-edge interdisciplinary research that promotes workforce development in emerging fields within EERE-related disciplines and technologies, by supporting a coordinated expansion of existing joint graduate education programs with DOE National Laboratories to prepare the next generation of scientists and engineers.

**New Joint FY20 Bioenergy and Advanced Manufacturing FOA Bottle: Bio-Optimized Technologies to keep Thermoplastics out of Landfills and the Environment** ([link](#)) – Concept paper due April 2, 2020. Full Application due June 18, 2020. EERE anticipates awards to be between $1,500,000 and $2,500,000.

**Geothermal Wells of Opportunity (WOO)** ([link](#)) – Full Due April 6, 2020 – EERE expects to make a total of up to $25,000,000 of federal funding available for new awards under this FOA, subject to the availability of appropriated funds. EERE anticipates making approximately 6-28 awards under this FOA. EERE may issue one, multiple, or no awards. Individual awards may vary between $450,000 and $2,500,000.

**American-Made Challenges: Water Resource Recovery Prize** ([link](#)) – A two-phase competition, the Water Resource Recovery prize offers up to $1 million in cash prizes and is designed to develop innovative, cutting-edge water treatment technology system configurations and business plans that will help lower the ultimate cost of treatment by extracting additional value from wastewater.

**DOT**

**New Pipeline Safety Rresearch Competitive Academic Agreement Program (CAAP)** ([link](#)) – Full Due March 23, 2020 at 11:59 pm ET – Applicants may submit more than one application, but each individual application must not exceed $250,000 in federal funding.

**IARPA**

**Space-based Machine Automated Recognition Technique (SMART)** ([link](#)) – Full Due April 7, 2020 – Multiple awards are anticipated. The amount of resources made available under this BAA shall depend on the quality of the proposals received and the availability of funds.

**HHS**

**New Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health.** ([link](#)) Full proposal due April 29, 2020. Up to 40 awards ranging between $25,000 and $3,500,000 are expected to be awarded.

**New Integrated Viral Hepatitis Surveillance and Prevention Funding for Health Departments** ([link](#)) Letter of intent due March 25, 2020. Full proposal due May 11, 2020 at 11:59 pm ET. Approximate Average Award: $315,000 Per Budget Period

**New Community-Based Approaches to Reducing Sexually Transmitted Diseases (CARS)** ([link](#)) Letter of intent due April 13, 2020. Full proposal due May 11, 2020 at 11:59 pm ET. Approximate Average Award: $312,500 Per Budget Period.
Enhancing Disease Detection in Newborns: Building Capacity in Public Health Laboratories (link) Full proposal due May 14, 2020 at 11:59 pm ET. Approximately 8 proposals ranging between $250,000 and $500,000 per budget period will be awarded.

National Public Health Surveillance for Chemical and Radiologic Exposures and Emerging Drug Threats (link) Full proposal due May 15, 2020 at 11:59 pm ET. Award Ceiling: $2,000,000 per budget period, this amount is subject to the availability of funds.

Developing and Disseminating Programs to Build Sustainable Lupus Awareness, Knowledge, Skills and Partnerships (link) Full proposal due June 19, 2020 at 11:59 pm ET. Award Ceiling: $2,000,000 per budget period, this amount is subject to the availability of funds.

Sickle Cell Data Collection Program (link) Letter of intent due April 6, 2020. Full proposal due May 11, 2020 11:59 pm ET. Award Ceiling: $500,000 per budget period This amount is subject to the availability of funds.

Global Health Security Partnerships: Expanding and Improving Public Health Laboratory Strategies and Systems (link): Full proposal due: May 04, 2020, 11.59 p.m. Eastern. Approximate average award of $5,000,000 per budget period, this amount is subject to the availability of funds.

Global Health Security through Strengthened Community Based Surveillance (link): Full proposal due: May 11, 2020 - Approximate average award of $1,000,000 per budget period, this amount is subject to the availability of funds.

ROSES 2020: Interdisciplinary Science for Eclipse Amendment 5 (link) – Step-1 Due April 15, 2020; Step-2 Due June 15, 2020. – Expected annual program budget: Approx. $1,000,000; 8-10 awards.

D.2 Transformational Tools and Technologies (TTT) Project (link) – Notice of Intent Due April 2, 2020; Full Due April 27, 2020. – The Transformational Tools and Technologies Project anticipates investing a total of $1.5-$2.0M per year in the solicited subtopics over the next three years. The maximum period of performance will be three years, with nominal budgets in the range of $150K- $250K per year.

MUREP Institutional Research Opportunity (MIRO) Group 6R (link) – Notice of Intent Due March 24, 2020; Full Due May 8, 2020 – Funding for each MIRO opportunity will not exceed $1,000,000/per year in any given year, and submitters may propose up to $2,000,000 for the two-year period.

Limited Submission NIH Shared Instrumentation for Animal Research (SIFAR) Grant Program – Internal Letter of Intent Due April 1, 2020; Full Due June 1, 2020. Applications will be accepted for commercially available instruments only. At least one item of the requested instrumentation must cost at least $50,000, after all applicable discounts. No instrument in a cluster can cost less than $20,000, after all applicable discounts. There is no upper limit on the cost of each instrument, but the maximum award is $750,000 of direct costs. Since the cost of the various instruments will vary, it is anticipated that the amount of the award will also vary. S10 awards do not allow indirect costs.
New Limited Submission NIH Personal Health Libraries for Consumers and Patients (R01 Clinical Trial Optional) – Internal Letter of Intent Due April 31, 2020; Full Due July 31, 2020. Up to $250K direct costs may be requested in any single year.

New Partnerships for Countermeasures against Select Pathogens (R01 Clinical Trials Not Allowed) (link) Letter of intent due 30 days prior to application due date. Full application due June 29, 2020. Recommended budget for direct costs of up to $750,000 per year may be requested. Applicants may also request up to an additional $300,000 in the first year of the award for major equipment to ensure that research objectives can be met and biohazards can be contained, totaling $1,050,000 direct costs for Year 1 only.

New Artificial Intelligence and Technology Collaboratories for Aging Research Coordinating Center (AITCC) (R24 Clinical Trial Not Allowed) (link) Letter of intent due September 1, 2020. Full application due October 1, 2020. NIA intends to commit $875,000 in FY 2021 to fund 1 award.

New Artificial Intelligence and Technology Collaboratories for Aging Research (P30 Clinical Trial Optional) (link) Letter of intent due September 1, 2020. Full application due October 1, 2020. The National Institute on Aging (NIA) intends to commit $7 million in FY 2021 to fund 2 awards. Application budgets are limited to $2.5 million in direct costs per year.

New Center of Excellence for Research on Complementary and Integrative Health (P01, Clinical Trial Optional) (link) Letter of intent due 30 days prior to application due date. Full application due May 25, 2020. Application budgets are not limited, but it is strongly recommended that applicants not request a budget of more than $1,250,000 in direct costs per year. These costs are exclusive of subcontract facilities and administrative costs. Regardless of the budget requested, costs need to reflect the actual needs of the proposed project. No annual increases in noncompeting years may be requested.

New Core Infrastructure Support for Cancer Epidemiology Cohorts (U01 Clinical Trial Not Allowed) (link) Full application due April 7, 2020; November 9, 2020; April 9, 2021; November 9, 2021; April 7, 2022; November 9, 2022. The direct costs for any year may not exceed $500,000.

New Development of Wearable Smart Devices for Continuous Monitoring of Circulating Nutrients, Metabolites and Hormones (R21/R33 Clinical Trial Required) (link) Letter of intent due May 18, 2020/May 8, 2021. Full application due June 18, 2020/June 8, 2021. In the R21 phase, 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 R33 phase can propose budgets not exceeding $500,000 in direct costs per year. The maximum project for the R21 phase is awarded for two years. The maximum project for the R33 phase is for three years, based on interim progress achieved in the R21 phase.

New Gastrointestinal (GI) and Microbiome Explorers: Development of Swallowable Smart Pills or Devices for Precision Nutrition, Microbiome and Digestive Disease Applications (R21/R33 Clinical Trial Required) (link) Letter of intent due May 18, 2020/May 8, 2021. Full application due June 18, 2020/June 8, 2021. In the R21 phase; 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 R33 phase can propose budgets not exceeding $500,000 in direct costs per year. Initial R21 phase is awarded for two years. The R33 phase will be awarded for three years, based on interim progress achieved in the R21 phase.
**New** NICHHD Biomedical Informatic Resource Centers Grants (P41 Clinical Trial Not Allowed) [(link)](link) Letter of intent due 30 days prior to full application. Full application due May 24, 2020. Requested direct costs cannot exceed $1,750,000 per year, are expected to range from $500,000 to no more than $1,750,000 per year and need to reflect the actual needs of the proposed project. The scope of the proposed project should determine the project period. The maximum project period is 5 years.

**New** Blueprint Neurotherapeutics Network (BPN): Small Molecule Drug Discovery and Development of Disorders of the Nervous System (UG3/UH3 Clinical Trial Optional) [(link)](link) 30 days prior to application due date. Full application due August 11, 2020, February 9, 2021, August 10, 2022, August 9, 2022, February 9, 2023. 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. Applicants may seek up to one year of UG3 funding. The UH3 phase cannot exceed four years. The actual duration of individual projects will depend on successful achievement of milestones and conditions as described in Milestones Section of the program overview.

**Limited Submission** Team Based Design in Biomedical Engineering Education [(link)](link) – LOI Due April 27, 2020; Application Due May 28, 2020 – Direct costs of up to $20,000 per year may be requested. Programs that include a clinical immersion program outside the academic year and lasting 6 to 10 weeks may request an additional $20,000 to cover participant costs (see Participant Costs section below), yielding a total of $40,000 in direct costs.

**NIH Standard Due Dates**

**Wearable Alcohol Biosensors (STTR) (R41/R42- Clinical Trial Optional)** [(link)](link) – Standard Due Dates: January 5, April 5, September 5 – 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.

**Wearable Alcohol Biosensors (SBIR) (R43/R44- Clinical Trial Optional)** [(link)](link) – Standard Due Dates: January 5, April 5, September 5 – 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.

**NLM Research Grants in Biomedical Informatics and Data Science (R01 Clinical Trial Optional)** [(link)](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 $250,000 per year in direct costs and need to reflect the actual needs of the proposed project.

**Mentored Quantitative Research Development Award (Parent K25 - Independent Clinical Trial Not Allowed)** [(link)](link) – Standard Due Dates: February 12, June 16, October 12 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Award budgets are composed of salary and other program-related expenses, as described below.

**Mentored Quantitative Research Development Award (Parent K25 - Independent Clinical Trial Required)** [(link)](link) – Standard Due Dates: February 12, June 16, October 12 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient...
number of meritorious applications. Award Budget: Award budgets are composed of salary and other program-related expenses, as described below.

**NHLBI Career Transition Award for Intramural Postdoctoral Fellows and Research Trainees (K22 Independent Clinical Trial Not Allowed) (link)** – Standard Due Dates: February 12, June 12, October 12 – The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications. Award Budget: Award budgets are composed of salary and other program-related expenses, as described in the solicitation.

**Program to Assess the Rigor and Reproducibility of Extracellular Vesicle-Derived Analytes for Cancer Detection (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.

**Stimulating Innovations in Behavioral Intervention Research for Cancer Prevention and Control (R21 Clinical Trial Optional) (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. Award Budget: 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.

**Exploratory/Developmental Bioengineering Research Grants (EBRG) (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: Application budgets are not limited but need to reflect the actual needs of the proposed project.

**Bioengineering Research Partnerships (U01 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. 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 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.

**Medical Simulators for Practicing Patient Care Providers Skill Acquisition, Outcomes Assessment and Technology Development (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. Award Budget: Application budgets are not limited but need 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.
applications. Award Budget: Application budgets are not limited but need to reflect the actual needs of the proposed project.

**NIH Exploratory/Developmental Research Grant Program (Parent 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 not exceed $275,000. No more than $200,000 may be requested in any single year.

**NIH Research Project Grant (Parent 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.

**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.

**NIBIB Trailblazer Award for New and Early Stage Investigators (R21 Clinical Trial Optional)** (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. Application budgets may not exceed $400,000 direct costs over a maximum three-year funding period. No more than $200,000 direct costs may be requested in any single year.

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**NSF**

A cross-cutting core program entitled **Foundational Research in Robotics (Robotics)** has been freshly minted. It is a uniquely interdisciplinary program with several divisional partners from the ENG and CISE directorates. Full proposals for program will be accepted beginning August 1, 2020.

Note that like any other core program, all applicable proposal vehicles are applicable, e.g., Unsolicited, CAREER, and EAGER proposals.

Other relevant links: [Dear Colleague Letter](#) and [Robotics at NSF](#).

**New** **Future Manufacturing (FM)** (link) – LOI Due April 10, 2020; Full Due June 5, 2020 – NSF estimates $40,000,000 will be allocated for up to 20 awards ranging from 2-5 years.

**New** **Computer Science for All (CS forAll: Research and RPPs)** (link) – Full proposal due April 13, 2020. NSF estimates $240,000,000 will be allocated for up to 27 awards. Estimated program budget, number of awards and average award size/duration are subject to the availability of funds.

**New** **Dear Colleague Letter: Provisioning Advanced Cyberinfrastructure to Further Research on the Coronavirus Disease 2019 (COVID-19)** (link)

**New** **PFE: Research Initiation in Engineering Formation** (link) Full proposal due November 10, 2020. Anticipated Funding Amount: $3,000,000 Estimated program budget, number of awards and average award size/duration are subject to the availability of funds.
**New Spectrum Innovation Initiative: National Center for Wireless Spectrum Research** (link)
Full proposal due June 12, 2020. SII-Center Planning Grant Awards: Award amount is up to $300,000 per award for up to one year. SII-Center Planning Grant awards will be made as Standard Grants. SII-Center Award: Funding anticipated for the SII-Center award is up to $5,000,000 per year for five years. The award is potentially renewable for an additional 5-years, depending on performance and the availability of funds. The SII-Center award will be made through a Cooperative Agreement.

**New Multimodal Sensor Systems for Precision Health Enabled by Data Harnessing, Artificial Intelligence, and Learning** (link) Full proposal due June 8, 2020. Approximately, 8 to 10 multidisciplinary awards will be made in FY 2020, subject to the availability of funds and quality of proposals. Individual projects will be funded at up to $750,000 for three years depending on the availability of funds.

**New NSF Convergence Accelerator Pilot Phase II** (link) Full proposal due May 11, 2020. Anticipated funding is $30,000,000, for up to 10 awards pending availability of funds, to support the first year of proposals selected for an award. The total amount awarded in future years will depend on the availability of funds and the number of awards advancing to year 2. Proposers may request up to $3,000,000 for year 1 and up to $5,000,000 in total for the two-year project. This solicitation is limited to proposers who received a Phase I Award under Dear Colleague Letter (DCL) NSF 19-050 and wish to advance to Phase II.

**New ADVANCE: Organizational Change for Gender Equity in STEM Academic Professions** (link) Letter of intent due August 3, 2020, full proposals due November 4, 2020. If a team is wanting to submit a full Institutional Transformation Proposal the IT-preliminary proposal is due April 22, 2021, and the full proposal target date is October 7, 2021. The total number of awards to be made under this solicitation is estimated to be between 18 and 36 over two fiscal years. In each year, NSF expects to make approximately: six Adaptation awards up to $1,000,000 for three-year long projects six Partnership awards up to $1,000,000 for up to five-year long projects four Catalyst awards up to $300K for two years.

**New Gen-4 Engineering Research Centers** (link) Letter of intent due September 2, 2020, preliminary proposals doctober 2, 2020, full proposals due May 7, 2021. Up to 5 depending on the quality of the proposals and the availability of funds. ERCs are generally funded for ten years, with an initial award for the first five years and second award based on performance and review of a renewal proposal. This solicitation seeks to make awards for the first five years for up to 5 new ERCs. This would be equivalent to a maximum of $17,500,000 for the first year.

**New Future Manufacturing** (link) Letter of intent due April 10, 2020, full proposal due June 5, 2020. In FY 2020, depending on the quality of submissions and the availability of funds: approximately five Type I FM Research Grants will be awarded as Standard awards or Continuing grants for a period up to five years; approximately two Type II FM Research Grants will be awarded as Standard awards or Continuing grants for a period up to five years; approximately ten FM Seed Grants will be awarded as Standard awards or Continuing grants for a period up to two years; and approximately three FM Network Grants will be awarded as Standard awards or Continuing grants for a period up to five years. The budget for this entire program is $40,000,000.

**New Limited Submission Engineering Research Visioning Alliance (ERVA): Future Research Directions for the Engineering Research Community** (link) Letter of intent due July 8, 2020. Full proposal due August 12, 2020. NSF anticipates funding a single award for 5 years,
subject to the availability of funds, with the funding for each year of the award in the range of $1,000,000 to $2,000,000, not to exceed $2,000,000 in any one year.

**NSF-Simons Research Collaborations on the Mathematical and Scientific Foundations of Deep Learning (MoDL)** [link] – LOI Intent Due March 20, 2020; Full Due April 30, 2020 – NSF estimates that $10,000,000 will be available to support two projects of five years duration each. The Simons Foundation will contribute up to $10,000,000 to support the same two projects over the five-year duration of the awards. NSF and the Simons Foundation expect to co-fund each of the two projects, and that each project will have an annual budget of up to $2,000,000 combined from both sources.

**Principles and Practice of Scalable Systems (PPoSS)** [link] – Due Dates: March 30, 2020 (Planning grants only); January 25, 2021 (Planning grants and LARGE grants); January 24, 2022 (Planning grants and LARGE grants); January 23, 2023 (LARGE grants only); January 22, 2024 (LARGE grants only) – Planning Grants: Up to $250,000 per award with duration up to 1 year; LARGE Grants: Up to $1,000,000 per year with duration up to 5 years.

**International Research and Education Network Connections (IRNC)** [link] – Full Due April 1, 2020 – IRNC: Core awards will be supported at up to $1,400,000 per year for up to 5 years; IRNC: Testbed awards will be supported at up to $1,000,000 per year for up to 3 years; and IRNC: ENgage awards will be supported at up to $1,000,000 per year for up to 5 years.

**Spectrum and Wireless Innovation Enabled by Future Technologies (SWIFT)** [link] – Full Due April 3, 2020 – Approximately 6 awards of up to $500,000 each for 3 years for SMALL team efforts; Approximately 6 awards of up to $1,500,000 each for 3 years for LARGE team efforts.

**Faculty Early Career Development Program (CAREER)** [link] – Full (for All Directorates) Due July 27, 2020 – Estimated Number of Awards: 500 per year; Anticipated Funding Amount: $250,000,000. This annual amount is approximate, includes new and continuing increments, and is subject to availability of funds.

**Small Business Innovation Research Program Phase I (SBIR)** [link] – Full Due December 18, 2019 - March 5, 2020 – Small businesses can submit a Project Pitch at any time. Small businesses that have been invited to submit a full proposal can submit a proposal.

**NSF Dynamic Language Infrastructure – NEH Documenting Endangered Languages (DLI-DEL) (data, infrastructure and computational methods)** [link] – Full Due September 15, 2020 – Estimated Number of Awards: 20 to 30: 20-30 including 5 Fellowships. Approximately $4.8 million (approximately $3.8 million from NSF and up to $1 million from NEH); this is the total for awards to be made annually, pending availability of funds.

### NSF PD Opportunities

**New** ADVANCE: Organizational Change for Gender Equity in STEM Academic Professions [link] Letter of intent due first Monday in August, annually and full proposals will be due the first Wednesday in November annually. If a team is wanting to submit a full Institutional Transformation Proposal the IT-preliminary proposal will be due the fourth Thursday in April annually, and the full proposal target date is the first Thursday in October annually. The total number of awards to be made under this solicitation is estimated to be between 18 and 36 over two fiscal years. In each year, NSF expects to make approximately: six Adaptation awards up to $1,000,000 for three-year long projects, six Partnership awards up
to $1,000,000 for up to five-year long projects, four Catalyst awards up to $300K for two
years.

**OAC Cyberinfrastructure Centers of Excellence (CI CoE) (link)** – Full Proposal Accepted
Anytime – PD 20-139Y

**CBET Biosensing (link)** – Full Proposal Accepted Anytime – PD 20-7909

**CBET Engineering of Biomedical Systems (link)** – Full Proposal Accepted Anytime – PD 20-
5345

**OAC Cyberinfrastructure for Emerging Science and Engineering Research (CESER) (link)**
– Full Proposals Accepted Anytime – PD 19-7684

**DMR Crosscutting Activities in Materials Research (link)** – Full Proposal Accepted Anytime
– PD 18-7222

**CBET Interfacial Engineering (link)** – Full Proposal Accepted Anytime – PD 20-1417

**CBET Nanoscale Interactions (link)** – Full Proposal Accepted Anytime – PD 20-1179

**EEC Research in the Formation of Engineers (RFE) (link)** – Full Proposal Accepted
Anytime – PD 19-1340

**Critical Aspects of Sustainability (CAS) (link)** – Full Proposal Accepted Anytime –
PD 19-9102

**Nuclear Regulatory Commission (NRC)**

**Funding Opportunity Announcement (FOA), Research and Development Grant, Fiscal Year
(FY) 2020 (link)** – Due April 10, 2020 – The estimated budget for this program is
$5,000,000.00. The NRC anticipates that there may be up to 10 grants awarded as a result of
this FOA.

**Oak Ridge Institute for Science and Education (ORISE)**

**EERE Science, Technology and Policy Opportunity (link)** – Application Due June 15, 2020 –
Selected candidates will receive a stipend as support for their living and other expenses
during this appointment.

**Requests for Information/Notices of Intent**

**DARPA Request for Information: Virtual Models, Controllers, and Subterranean Assets**
(link) – Responses Due March 31, 2020

**DOE Notice of Intent to Issue a Funding Opportunity for “Solid Oxide Fuel Cell (SOFC),
Electrolyzer and Hybrid Technology Development” (link)** – Search for DE-FOA-0002293.

**Student/Postdoctoral Opportunities**

*New* **Dwight David Eisenhower Transportation Fellowship Program (DDETFP) Grants for
Research Fellowship (GRF) (link):** Full Due April 27, 2020 – The grant may cover a
combination of the following: Tuition and fees, Monthly stipend, and Transportation Research Board (TRB) Annual Meeting travel.

AFCEA STEM Major Scholarships for Undergraduate Students (link) – Deadline: April 10, 2020 – STEM Major Scholarship ($2,500); Undergraduate Diversity Scholarship ($3,000); Cyber Security Scholarship ($5,000); Student Member Scholarship ($2,500)

2020 ExxonMobil LOFT Fellowship Program (link) – Application Due April 12, 2020 – The Fellowship consists of five 1-hour meetings with a mentor (virtual or in-person), participation in the Harvard-certified ExxonMobil mentee program (on-line), an exclusive curriculum to introduce Fellows to ExxonMobil and career opportunities, and a $1,000 educational grant.

Oak Ridge Institute for Science and Education (ORISE) EERE Science, Technology and Policy Opportunity (link) – Applications Due January 15, 2020 or June 15, 2020 – Selected candidates will receive a stipend as support for their living and other expenses during this appointment.

Junior Faculty Opportunities

Young Investigator Programs
http://tees.tamu.edu/researchsupport/young-investigator-programs/

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.

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

Faculty Early Career Development Program (CAREER) (link) – Full (for All Directorates) Due July 27, 2020 – Estimated Number of Awards: 500 per year; Anticipated
Funding Amount: $250,000,000. This annual amount is approximate, includes new and continuing increments, and is subject to availability of funds.

**Seminars/Events/Workshops**

**Demystifying the NIH**  
March 18, 2020  
1:30 p.m. – 3:00 p.m.  
Via Zoom – To join the meeting, go to [https://tamu.zoom.us/j/370883071](https://tamu.zoom.us/j/370883071) and email Dr. Christina Howard at c-howard@tamu.edu to let her know you are attending.

**Demystifying the NSF: NSF Funding Opportunities, Proposal Preparation and Review Process**  
March 25, 2020  
1:30 p.m. - 3:00 p.m.  
Via Zoom – Email Dr. Christina Howard at c-howard@tamu.edu to register. The Zoom link will be emailed to you.

**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** *(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)*

**ASEE Webinar: “What’s Your Story? Using Storytelling to Propel Research and Teaching”**  
April 9, 2020  
1:00 p.m. - 2:00 p.m. ET  
[Information and Registration](#)
ASEE Webinar: “Training Tomorrow’s Engineers to Build Resilience and Combat Climate Change”
April 15, 2020
1:00 p.m. - 2:00 p.m. ET
Information and Registration

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

Demystifying the NSF: NSF Funding Opportunities, Proposal Preparation and Review Process
March 25, 2020
1:30 p.m. - 3:00 p.m.
Via Zoom – Email Dr. Christina Howard at c-howard@tamu.edu to register. The Zoom link will be emailed to you.

NSF Spring 2020 Grants Conference
May 18-19, 2020
Minneapolis Marriott City Center, Minneapolis, MN
Information and Registration

2020 International Science of Team Science (SciTS) Conference
June 1-4, 2020
Durham Convention Center, Durham, NC
Information and Registration – Early bird registration is open until March 20.

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.