

Issue: May 6, 2020

Email: proposalsupport@tamu.edu**COVID-19 Updates & Opportunities**

[Watch out for the Special COVID-19 Edition on Fridays]

<https://tees.tamu.edu/covid-19/index.html>COVID-19 Request for Information (RFI): [Click Here](#)COVID-19 Research Opportunities (NetID Login Required): [Click Here](#)**Funding Opportunities**

A database with a more in-depth review of funding opportunities including details such as funding size, sponsor, and topic can be found [HERE](#).

(Items denoted with: **LS** – Limited Submission, **JF** – Junior Faculty)

LIMITED SUBMISSIONS

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 [here](#).

Brain Research Foundation Scientific Innovations Award ([link](#)) – Internal Proposal Due May 6, 2020

Engineering Research Visioning Alliance (ERVA): Future Research Directions for the Engineering Research Community ([link](#)) – Internal Proposal Due May 11, 2020

Occupational Safety and Health Education and Research Centers (42) ([link](#)) – Declaration of Intent Due May 15, 2020

Edward Mallinckrodt, Jr. Foundation Mallinckrodt Grants ([link](#)) – Internal Proposal Due June 3, 2020

American Honda Foundation (AHF) Grants ([link](#)) – Internal Proposal Due June 5, 2020

W.M. Keck Foundation Keck Research Grants in Medicine and Science & Engineering ([link](#)) – Internal Proposal Due June 8, 2020

NSF Research Experiences for Teachers (RET) in Engineering and Computer Science – Supplements and Sites ([link](#)) – Internal Proposal Due June 25, 2020

NEW – EXTERNAL**American Honda Foundation (AHF)**

LS *Grants* ([link](#)) – New Organization Due Dates: August 1, 2020, and February 1, 2021; Returning Organization Due Date: June 1, 2020 – The grant range is from \$20,000 to \$75,000 over a one-year period.

Department of Defense (DOD)

FY20 Funding Opportunity Announcement (FOA) for the Department of Navy (DoN) Science, Technology, Engineering & Mathematics (STEM), Education and Workforce Program administered by the Office of Naval Research (ONR) ([link](#)) – White Paper Due June 12, 2020; Applications Due August 28, 2020 – ONR intends to award a maximum of \$250,000 per year for up to 3 years. Each individual award will be up to \$750,000 over 3 years.

Department of Energy (DOE)

Integrated University Program (IUP) Nuclear Engineering Consortium for Nonproliferation Synopsis 2 ([link](#)) – Full Due July 29, 2020 – Approximately \$5 million a year is expected to be available for award(s) under this announcement, contingent upon the availability of appropriated funds. The ceiling amount of \$25,000,000 is expected to be available contingent upon the availability of funds for all five years. DOE/NNSA anticipates making one or two award(s) under this announcement, but reserves the right to make more or less than one or two award(s).

Neuromorphic Computing for Accelerating Scientific Discovery ([link](#)) – Pre-Application Due June 3, 2020; Full Due July 1, 2020 – DOE anticipates that the total value of grants made under this FOA will be \$2,000,000. Ceiling: \$400,000 for a period of performance of 2 years; Floor: \$200,000 for a period of performance of 2 years. Approximately 3 to 7 awards are expected.

HPC4 Energy Innovation Spring 2020 Solicitation ([link](#)) – Concept Paper Due June 9, 2020; Full Due September 2020 – Funding provided to a university and/or non-profit by the industrial partner can be considered a component of the industrial partner's in-kind funding contribution.

EERE Request for Information: DOE Hydropower Program Research and Development Strategy and HydroWIREs Research Roadmap ([link](#)) – Responses Due June 24, 2020

ARPA-E Request for Information (RFI) - Identifications and Quantification of Electronic Waste (e-waste) in Municipal Solid Waste Systems ([link](#)) – Responses Due June 5, 2020

Notice of Intent to Issue DE-FOA-0002252 FY20 Advanced Manufacturing Multi-Topic FOA ([link](#))

Limitless Space Institute

Interstellar Initiative Grants Request for Proposals (See attached) – Phase I Preproposals Due June 1, 2020; Phase II Full Proposals Due July 15, 2020 – This call for proposals is seeking grants that can be categorized as either a tactical grant (\leq \$100k) or a strategic grant (\leq \$250k), with the former focused on theoretical and the latter on empirical. The period of performance for the grants is expected to be ~12-14 months duration, with a potential start date just before the beginning of the 2020 academic fall semester.

National Aeronautics and Space Administration (NASA)

Early Stage Innovation (ESI20) ([link](#)) – NOI Due May 20, 2020; Full Due June 17, 2020 – NASA plans to make approximately 10-12 awards as a result of this Appendix, subject to the receipt of meritorious proposals. The total award value may not exceed \$650K, and the amount in any one year may not exceed \$250K. The maximum award duration will be three years, although proposals for less than three years are allowed.

National Space Grant College and Fellowship Program: Program-Level Independent Evaluation Opportunity ([link](#)) – NOI Due June 5, 2020; Full Due July 16, 2020 – The total amount of funding available for this Phase 1 solicitation is \$750,000, and NASA expects to make up to two (2) awards.

National Institutes of Health (NIH)

Superfund Research Program Occupational Health and Safety Education Programs on Emerging Technologies (R25 - Clinical Trial Not Allowed) ([link](#)) – LOI Due July 3, 2020; Application Due August 3, 2020 – The Superfund Research Program intends to commit approximately \$1,500,000 for FY21. The total number of awards is anticipated to be 4-6. Award Budget: Although the size of award may vary with the scope of the Education Program proposed, budgets cannot exceed \$250,000 direct costs per year.

National Science Foundation (NSF)

LS Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES) - NSF INCLUDES Alliances ([link](#)) – LOI Due October 5, 2020; Full Due January 26, 2021 – Estimated Number of Awards: 1 to 3. NSF INCLUDES anticipates funding up to three Alliances with a duration of five years, contingent upon the availability of funds and receipt of competitive proposals. Awards will range from \$1,000,000 - \$2,000,000 per year. Anticipated Funding Amount: \$2,000,000 to \$3,000,000. **Note:** An organization may serve as a lead organization on only one proposal. An individual may serve as a PI or Co-PI on only one NSF INCLUDES Alliance proposal.

Industry-University Cooperative Research Centers Program ([link](#)) – Preliminary Proposal Due July 7, 2020; September 16, 2020; and March 10, 2021; Full Due September 8, 2020 and December 16, 2020

Plasma Physics ([link](#)) – Full Due November 16, 2020 – PD 18-1242

W.M. Keck Foundation

LS Keck Research Grants in Medicine and Science & Engineering ([link](#)) – Phase I Application Due November 1, 2020 – Historically, grants range from \$500,000 to \$5,000,000 and are typically \$2,000,000 or less.

PREVIOUSLY NOTATED OPPORTUNITIES

Department of Defense (DoD) – Science, Technology, Engineering, and Mathematics (STEM) Educational Outreach Programs ([link](#))

DOD United States Military Academy Broad Agency Announcement ([link](#))

DOE FY 2020 Research and Development for Next Generation Nuclear Physics Accelerator Facilities ([link](#))

DOE EERE Educational Materials for Professional Organizations Working on Efficiency and DOE Renewable Energy Developments (EMPOWERED) ([link](#)) – **Deadline Extended: Concept Paper Due May 12, 2020**

NIH BRAIN Initiative: Exploratory Team-Research BRAIN Circuit Programs – eTeamBCP (U01 Clinical Trials Optional) ([link](#))

NIH Academic-Industrial Partnerships (AIP) to Translate and Validate In Vivo Imaging Systems (R01 Clinical Trial Optional) ([link](#))

NIH Translational Bioinformatics Approaches to Advance Drug Repositioning and Combination Therapy Development for Alzheimer's Disease (R01 Clinical Trial Optional) ([link](#))

NSF Cyber-Physical Systems (CPS) ([link](#))

NSF Civic Innovation Challenge ([link](#))

NSF Disrupting Operations of Illicit Supply Networks (D-ISN) ([link](#))

NSF Dear Colleague Letter: Cybersecurity Education in the Age of Artificial Intelligence ([link](#))

NSF PD Opportunities

CBET Biosensing ([link](#)) – Full Proposal Accepted Anytime – PD 20-7909

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

CBET Interfacial Engineering ([link](#)) – Full Proposal Accepted Anytime – PD 20-1417

CBET Nanoscale Interactions ([link](#)) – Full Proposal Accepted Anytime – PD 20-1179

CMMI Advanced Manufacturing (AM) ([link](#)) – Full Proposals Accepted Anytime – PD 19-008Y

Crosscutting Foundational Research in Robotics (Robotics) ([link](#)) – Full Proposal Accepted Anytime – PD 20-144Y

Division of Chemistry Critical Aspects of Sustainability (CAS) ([link](#)) – Full Proposal Accepted Anytime – PD 19-9102

DMR Crosscutting Activities in Materials Research (XC) ([link](#)) – Full Proposal Accepted Anytime – PD 18-7222

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

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

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

OAC Cyberinfrastructure for Emerging Science and Engineering Research (CESER) ([link](#)) – Full Proposals Accepted Anytime – PD 20-7684



Junior Faculty Opportunities

CURRENT & FUTURE

- **Young Investigators Programs** ([link](#))
- **Junior Faculty Targeted Funding Opportunities** ([link](#))
- **Young Investigator Awards** ([link](#))
- **AFOSR Air Force Fiscal Year 2021 Young Investigator Research Program (YIP)** ([link](#)) – White Papers Due May 14, 2020; Full Due July 14, 2020 – Most YIP awards are funded up to \$150,000 per year for three years, for a total of \$450,000. Each three year budget must not exceed \$150,000; regardless if the total budget is \$450,000.
- **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.

Funds are 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.



Student/Postdoctoral Opportunities

CURRENT & FUTURE

G.R.A.D. Aggies Workshops - ([link](#)) Spring 2020



Upcoming Events

For all events, registration, and information, please visit ([link](#)).

EXTERNAL

NSF I-Corps Teams Webinar

May 7, 2020, 2:00 p.m. - 3:00 p.m. ET (1:00 p.m. - 2:00 p.m. CT)

[Information and Registration](#)

Texas General Land Office Coastal Management Program (CMP) Workshop Webinars for Cycle 26 Funding

May 7, 2020, 9:30 a.m. - 12:00 p.m. CT – [Information and Registration](#)

May 13, 2020, 9:30 p.m. - 12:00 p.m. CT – [Information and Registration](#)

NSF Engineering for Civil Infrastructure Webinar

May 11, 2020, 1:00 p.m. - 3:00 p.m. ET (12:00 p.m. - 2:00 p.m. CT)

[Information and Registration](#)

NSF CAREER Program Webinar

May 13, 2020, 2:00 p.m. - 4:00 p.m. ET (1:00 p.m. - 3:00 p.m. CT)

[Information and Registration](#)

HPC4 Energy Innovation Spring 2020 Solicitation Webinar

May 14, 2020, 9:00 a.m. PT (11:00 a.m. CT)

May 20, 2020, 11:30 a.m. PT (1:30 p.m. CT)

[Information and Registration](#)

NSF Electronic Research Administration Forum

May 14, 2020, 1:00 p.m. - 2:30 p.m. ET (12:00 p.m. - 1:30 p.m. CT)

[Information and Registration](#)

ASEE's Virtual Conference

June 22-26, 2020

[Information and Registration](#)

DARPA Discover DSO Day (D3) Webinar

June 24-25, 2020

[Information and Registration](#)



Resources

- NSF Broader Impact Expo List of Resources ([link](#))
- Funding Opportunities Spreadsheet ([link](#))
- Facilities ([link](#))
- Education/Broader Impacts Requirements ([link](#))

TEES RESEARCH DEVELOPMENT – PROPOSAL DEVELOPMENT SERVICES

- NSF CAREER workshops geared towards supporting junior faculty
- Proofreading, editing, and rewriting to refine project narratives and summaries
- Graphics
- Quality Check proposal packages for completion and compliance
- Format and update supplementary documents to have cohesive appearance on large proposals
- Develop checklists based on the solicitation
- Develop templates for supplementary documents and draft budget justification
- Serve as liaison between SRS and subcontractors.

RESEARCH DEVELOPMENT TEAM

Dr. Sharmila Pathikonda, Sharon McCord, Amber Mastrobattista, and Dr. Sindhu Jose

CONTACT US

proposalsupport@tamu.edu

(979) 458-9282

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