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Research, Funding News

NSF Proposal & Award Policies & Procedures Guide (PAPPG) (NSF 19-1) is now effective for proposals submitted or due on or after February 25, 2019, and awards made on or after February 25, 2019. [More about significant changes and clarifications to the PAPPG...](#)

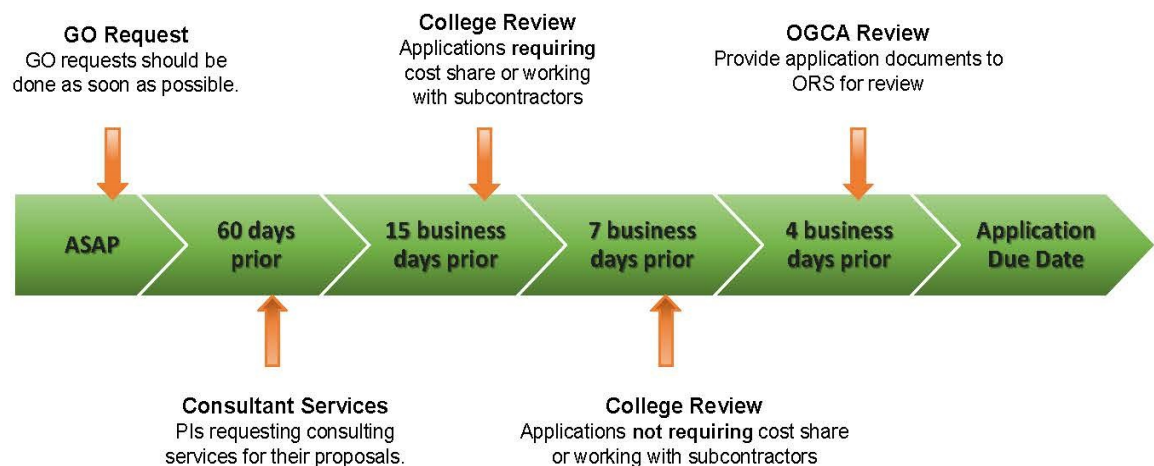
[NIH named Dr. Noni H. Byrnes director of the Center for Scientific Review, effective Feb. 17, 2019.](#) CSR manages the receipt and referral of all grant proposals for NIH and other parts of the U. S. Department of Health and Human Services, and oversees the peer review of approximately 75 percent of the nearly 50,000 grant applications received by NIH each year.

President Trump Signs Executive Order titled "Maintaining American Leadership in Artificial Intelligence." on Feb 11. [NSF director supports White House Executive Order American AI Initiative.](#) The EO follows the FY 2020 Administration Research and Development Budget Priorities memo, the 2018 National Defense Strategy, and the December 2017 National Security Strategy, all of which have highlighted that "continued leadership in AI, quantum information science (QIS), and strategic computing is critically important to our national security and economic competitiveness."

Pivot made an important change: On March 1st, 2019, Pivot has been moved to <https://pivot.proquest.com> and the previous Pivot URL is discontinued.

NSF will host [CAREER Webinar 2019](#) on May 9, 2019, 2-4 pm.

Pre-Award Timeline and Process



Recent Research Grant and Contract Awards

Congratulations to faculty on receiving research grant and contract awards!

PI: *Kuruvilla John*

Department: Mechanical and Energy Engineering

Project Title: Air Quality Impact Assessment of a Deepwater Port Structure in South Texas

Sponsor: Port Industries of Corpus Christi

Project Period: 1/28/2019 - 8/31/2019

Award: \$12,000.00

PI: *Hector Siller Carrillo*

Department: Engineering Technology

Project Title: Additive Manufacturing Interuniversity Program Initiative

Sponsor: Partners of the Americas

Project Period: 4/1/2019 - 3/31/2020

Award: \$24,996.00

PI: *Eduardo Blanco Villar*

Department: Computer Science and Engineering

Project Title: CAREER: Understanding Negotiation in Positive Terms

Sponsor: National Science Foundation

Project Period: 2/15/2019 - 1/31/2024

Award: \$499,950.00

PI: *Xiangnan Zhong*

Department: Electrical Engineering

Project Title: CRII: CPS: Self-learning Intelligent Control Framework for Networked Cyber-Physical Systems

Sponsor: National Science Foundation

Project Period: 3/01/2019 - 2/28/2021

Award: \$174,365.00

FUNDING OPPORTUNITIES

National Science Foundation

[Harnessing the Data Revolution \(HDR\): Transdisciplinary Research in Principles of Data Science Phase I \(HDR TRI-PODS Phase I\)](#)

Type of Award: Continuing Grant;
Anticipated Funding: \$22M;
Number of Awards: 14 to 20;
Solicitation ID: NSF 19-550
Letter of Intent due: Mar 25, 2019
Full proposal due: May 08, 2019

[Quantum Leap Challenge Institutes \(QLCI\)](#)

Type of Award: Standard Grants
Anticipated Funding: \$94M;
Number of Awards: 1 to 28;
Solicitation ID: NSF 19-559
Letter of Intent for CG Due: Apr 01, 2019
CG proposal due: Jun 3, 2019
Letter of Intent for CI preliminary proposals due: Jun 3, 2019

[Cyberinfrastructure for Sustained Scientific Innovation \(CSSI\): Elements and Framework Implementations](#)

Type of Award: Standard or Continuing Grant;
Anticipated Funding: \$46.5M;
Number of Awards: 35;
Solicitation ID: NSF 19-548
Full proposal due: Apr 08, 2019, Nov 01, 2019

[Cyber-Physical Systems \(CPS\)](#)

Type of Award: Standard or Continuing Grant or Cooperative Agreement;
Anticipated Funding: \$51.5M;
Number of Awards: 35 to 45;
Solicitation ID: NSF 19-553
Full proposal due: Small and Medium: Apr 12, 2019; Frontier: Sep 26, 2019

[Dear Colleague Letter: Expanding the NSF INCLUDES National Network](#)

Eligible Principal Investigators are strongly encouraged to contact both their cognizant NSF Program Director(s) and the NSF INCLUDES team at NSFINCLUDES@nsf.gov by April 22, 2019.

[Harnessing the Data Revolution \(HDR\): Institutes for Data-Intensive Research in Science and Engineering - Frameworks \(I-DIRSE-FW\)](#)

Type of Award: Standard or Continuing Grant;
Anticipated Funding: \$21M;
Number of Awards: 8 to 10;
Solicitation ID: NSF 19-549
Full proposal due: May 07, 2019

[Growing Convergence Research \(GCR\)](#)

Type of Award: Cooperative Agreement;
Anticipated Funding: \$12M;
Number of Awards: 10;
Solicitation ID: NSF 19-551
Full proposal due: May 08, 2019

[Improving Undergraduate STEM Education: Computing in Undergraduate Education \(IUSE: CUE\)](#)

Type of Award: Standard Grant;
Anticipated Funding: \$4.5M;
Number of Awards: 12-15;
Solicitation ID: NSF 19-546
Full proposal due: May 09, 2019

[EHR Core Research \(ECR\): Production Engineering Education and Research \(PEER\)](#)

Type of Award: Standard Grants
Anticipated Funding: \$10M;
Number of Awards: 10;
Solicitation ID: NSF 19-557
Full proposal due: May 15, 2019

FUNDING OPPORTUNITIES

National Science Foundation

[Signals in the Soil \(SitS\)](#)

Type of Award: Standard or Continuing Grant;

Anticipated Funding: \$5.6M;

Number of Awards: 5 to 10;

Solicitation ID: NSF 19-556

Proposal due: May 15, 2019

[\(Limited\) ADVANCE: Organizational Change for Gender](#)

[Equity in STEM Academic Professions \(ADVANCE\)](#)

Type of Award: Standard or Continuing Grant or Cooperative Agreement;

Anticipated Funding: \$30M;

Number of Awards: 18 to 38;

Solicitation ID: NSF 19-552

UNT Internal review for Pre-selection required;

Letter of Intent due: May 15, 2019

[\(Limited\) Partnerships for Innovation \(PFI\)](#)

Anticipated Funding: \$20M;

Number of Awards: 55-65;

Solicitation ID: NSF 19-506

Full proposal due: Jul 10, 2019

[Dear Colleague Letter: Fundamental Discipline-Based Education Research \(DBER\) Focused on Undergraduate and Graduate STEM Education within the EHR Core Research \(ECR\) Program](#)

Type of Award: Standard or Continuing Grant;

Anticipated Funding: \$35M;

Number of Awards: 50;

Solicitation ID: NSF 19-508

Full proposal due: Oct 03, 2019

National Institute of Health

[Ruth L. Kirschstein National Research Service Award \(NRSA\) Individual Predoctoral Fellowship \(Parent F31\)](#)

Eligibility: predoctoral students

Award: Award budgets are composed of stipends, tuition and fees, and institutional allowance.

FOA Number: PA-19-195

Proposal Due: Apr 08, 2019, Aug 08, 2019, Dec 08, 2019

[NIH Research Project Grant \(Parent R01 Clinical Trial Not Allowed\)](#)

FOA Number: PA-19-056

Proposal Due: Standard dates apply

[Bioengineering Research Grants \(BRG\) \(R01 Clinical Trial Not Allowed\)](#)

FOA Number: PAR-19-158

Proposal Due: Standard dates apply

[Exploratory/Developmental Bioengineering Research Grants \(EBRG\) \(R21 Clinical Trial Not Allowed\)](#)

FOA Number: PAR-19-149

Proposal Due: Standard dates apply

[NIH Research Project Grant \(Parent R01 Basic Experimental Studies with Humans Required\)](#)

FOA Number: PA-19-091

Proposal Due: Standard dates apply

[NIH Exploratory/Developmental Research Grant Program \(Parent R21 Basic Experimental Studies with Humans Required\)](#)

FOA Number: PA-19-092

Proposal Due: Standard dates apply

[NIH Exploratory/Developmental Research Grant Program \(Parent R21 Clinical Trial Not Allowed\)](#)

FOA Number: PA-19-053

Proposal Due: Standard dates apply

FUNDING OPPORTUNITIES

Department of Defense

[Long Range BAA](#)

Solicitation ID: ONR N00014-19-S-B001
Proposal Due: Sep 30, 2019

[FY19 Office of Naval Research \(ONR\) Navy and Marine Corps Science, Technology, Engineering & Mathematics \(STEM\), Education and Workforce Program](#)

Solicitation ID: N00014-19-S-F003
White Paper Due: Jun 28, 2019
Proposal Due: Sep 27, 2019

[NRL Long Range Broad Agency Announcement \(BAA\) for Basic and Applied Research](#)

Solicitation ID: N00173-18-S-BA01
Proposal Due: May 9, 2019

Department of Energy

[Data Science for Discovery in Chemical and Materials Sciences](#)

Anticipated Funding: \$20M;
Number of Awards: 15-20;
FOA number: DE-FOA-0002082
Pre-applications Due: Mar 08, 2019
Full proposal due: May 15, 2019

NASA

[ROSES 2018: Second Exoplanets Research](#)

Solicitation: NNH18ZDA001N-2XRP
Step 1 Proposal Due: Mar 29, 2019
Step 2 Proposal Due: May 29, 2019

Junior Faculty Awards

[Faculty Early Career Development Program \(CAREER\)](#)

Application due: BIO, CISE, HER: Jul 17, 2019; ENG Jul 18, 2019; GEO, MPS, SBE: Jul 19, 2019

[Army Research Office Young Investigator Program](#)

Application due: Proposals may be submitted at any time. Per Broad Agency Announcement (BAA), through 3/31/2022.

WEBINAR, WORKSHOP & EXPO

NIH

[Spring 2019 NIH Regional Seminar](#)

May 15-17, 2019 Baltimore, MD

Registration is open.

NSF

[CAREER Webinar 2019](#): May 9, 2019, 2-4 pm

[Spring 2019 NSF Grants Conference](#)

May 20-21, 2019 Los Angeles, CA

[2019 PAPPG Update Webinar](#)

To learn about the changes in the revised PAPPG (NSF 19-1), please view the latest NSF Proposal & Award Policy Update webinar.

DOD

[SBIR/STTE Innovation Summit](#)

October 8-10, 2019 National Harbor, MD

NICE

[National Cyber Summit](#)

June 4-6, 2019 Huntsville, AL

NIST

[10th Annual NICE Conference and Expo](#)

November 18-20, 2019 Phoenix, Arizona

FUNDING SEARCH ENGINES

Federal Grants World

<https://grants.gov>

PIVOT– 26,000 Funding Opportunity Database

<https://pivot.proquest.com>

Fed biz opps– Federal Business Opportunities

<https://www.fbo.gov>