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Research, Funding News

[Budget deal raises hopes for U.S. research agencies](#): A new budget deal between the White House and congressional leaders means U.S. research agencies could receive increases on the order of the 4% to 5% that Democrats have already proposed for next year.

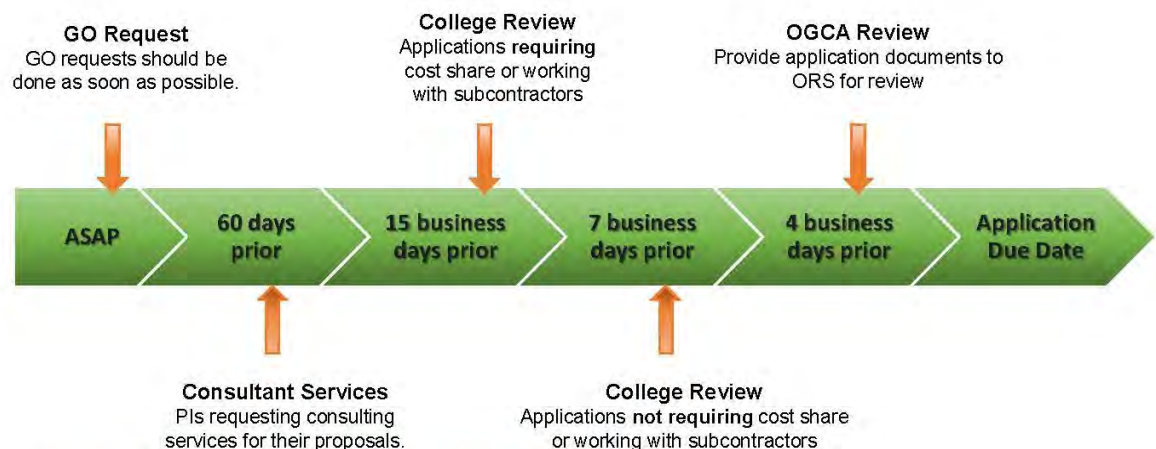
DOE's Advanced Research Projects Agency-Energy (ARPA-E) welcomes new Director Lane Genatowski. Prior to joining ARPA-E, Mr. Genatowski served as Head of New Utilities and Power Investment Banking Group at Wells Fargo Securities, LLC, and as an Investment Banker at Jefferies & Company, Inc. [READ MORE](#)

DOD's Research and Engineering (R&E) Launches Two New Public Websites: The first web site, <https://rt.cto.mil>, for the Directorate of Defense Research and Engineering for Research and Technology (DDR&E (R&T)); The second new website, <https://ac.cto.mil>, highlights the work of the Directorate of Defense Research and Engineering for Advanced Capabilities (DDR&E (AC)). [READ MORE](#)

NIH clarifies policies on funding disclosure: The agency requires institutions and investigators to disclose all forms of "other support" when they apply for NIH grants. [READ MORE](#)

NSF Director Córdova Dear Colleague Letter on Research Protection: NSF is proposing use of an electronic format for submission of biographical sketches, including disclosure of all appointments. As currently envisioned, this will become effective in January 2020. [READ MORE](#)

Pre-Award Timeline and Process



Recent Research Grant and Contract Awards

Congratulations to faculty on receiving research grant and contract awards!

PI: *Diana Berman*

Department: Materials Science and Engineering

Project Title: Materials characterizations for sensing applications

Sponsor: Honeywell International Inc.

Project Period: 7/2/2019 - 12/30/2019

Award: \$35,000.00

PI: *Rajiv Mishra*

Department: Materials Science and Engineering

Project Title: Enhanced Lower Cost Tooling for Friction Stir Technologies

Sponsor: QuesTek Innovations LLC

Project Period: 5/15/2019 - 5/14/2021

Award: \$300,000.00

PI: *Leticia Anaya*

Department: Engineering Technology

Project Title: Missile Defense Agency Boosting Engineering, Science and Technology (BEST) Robotics Grant Kits 2019

Sponsor: Missile Defense Agency

Project Period: 7/15/2019 - 12/27/2019

Award: \$15,000.00

PI: *Sundeep Mukherjee*

Department: Materials Science and Engineering

Project Title: PFI-TT: Next Generation Fuel Cell Catalysts for Efficient Energy Conversion

Sponsor: National Science Foundation - NSF

Project Period: 8/1/2019 - 7/31/2021

Award: \$250,000.00

PI: *Sanjukta Bhowmick*

Department: Computer Science and Engineering

Project Title: SHF: Medium: Collaborative Research: ANACIN-X: Analysis and modeling of Non-determinism and Associated Costs in eXtreme scale applications

Sponsor: National Science Foundation - NSF

Project Period: 8/1/2019 - 7/31/2022

Award: \$113,796.00

PI: *Huseyin Bostanci*

Department: Engineering Technology

Project Title: Microgravity Gas-Liquid Separator for the Liquid Amine CO₂ Removal System

Sponsor: National Space Grant Foundation

Project Period: 8/1/2019 - 6/30/2020

Award: \$29,965.00

PI: *Miguel Acevedo*

Department: Electrical Engineering

Project Title: INFEWS/T2: Improving crop yield and soil salinity by cost-effective integration of microbial community, hydrology, desalination, and renewable power

Sponsor: National Science Foundation - NSF

Project Period: 8/1/2019 - 7/31/2024

Award: \$1,575,380.00

FUNDING OPPORTUNITIES

National Science Foundation

[Opportunities for Promoting Understanding through Synthesis \(OPUS\)](#)

Type of Award: Standard Grant ;
Anticipated Funding: \$1-3M per year;
Number of Awards: 8 to 15;
Solicitation ID: NSF 18-582
Full proposal due: Aug 28, 2019

[International Research Experiences for Students \(IRES\)](#)

Type of Award: Standard or Continuing Grant ;
Anticipated Funding: \$13M;
Number of Awards: 30 to 35;
Solicitation ID: NSF 19-585
Full proposal due: Track-I: Sep 10, 2019; Track-II: Sep 17, 2019; Track-III: Sep 24, 2019

[EHR Core Research \(ECR\) STEM Learning and Learning Environments, Broadening Participation, and Workforce Development](#)

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

[Computer and Information Science and Engineering \(CISE\): Core Programs](#)

Type of Award: Standard or Continuing Grant ;
Anticipated Funding: \$280M;
Number of Awards: 400 to 600;
Solicitation ID: NSF 19-589
Full proposal due: Large and Medium: Sep 30, 2019; Small: Nov 14, 2019

[NSF/Intel Partnership on Machine Learning for Wireless Networking Systems \(MLWiNS\)](#)

Type of Award: Standard or Continuing Grant or Intel Agreement;
Anticipated Funding: \$9M;
Number of Awards: 10 to 15;
Solicitation ID: NSF 19-591
Full proposal due: Oct 29, 2019

[\(Limited\) Advanced Computing Systems & Services: Adapting to the Rapid Evolution of Science and Engineering Research](#)

Type of Award: Cooperative Agreement;
Anticipated Funding: \$5-10M per award for up to 5 years;
Number of Awards: 2 to 4;
Solicitation ID: NSF 19-587
Full proposal due: Nov 05, 2019

National Institute of Health

[BRAIN Initiative: Proof of Concept Development of Early Stage Next Generation Human Brain Imaging \(R01 Clinical Trial Not Allowed\)](#)

Anticipated Funding: \$4M to fund 6-12 awards in FY2020.
FOA Number: RFA-EB-19-001
Letter of Intent Due: 30 days prior to the application due dates
Proposal Due: Sep 3, 2019;

[Notice of Special Interest: Small Business Innovation Research \(SBIR\) and Small Business Technology Transfer \(STTR\) Applications Directed at the Adoption of the Fast Healthcare Interoperability Resources \(FHIR®\) Standard](#)

Notice Number: NOT-OD-19-127
First Available Due Date: Sep 5, 2019

FUNDING OPPORTUNITIES

Department of Defense

[Science of Artificial Intelligence – Basic and Applied Research for the Naval Domain](#)

Agency: Office of Naval Research N00014-19-S-SN08
Application due: White Paper: Aug 15, 2019; Full Proposal: Sep 15, 2019

Spencer Foundation

[Small Research Grants](#)

The Small Research Grants Program supports education research projects that will contribute to the improvement of education, broadly conceived, with budgets up to \$50,000 for projects ranging from one to five years.
Application due: Nov 1, 2019

Environmental Protection Agency

[Energy and Integrated Assessment Modeling Studies](#)

RFA #: EPA-OAR-OAP-19-04
Award: one award, \$750,000 for five years
Application due: Sep 6, 2019

Junior Faculty Awards

[FY2020 Office of Naval Research \(ONR\) Young Investigator](#)

Solicitation ID: N00014-19-S-F008
Application due: Aug 16, 2019

Graduate student Funding

[Graduate Research Fellowship Program \(GRFP\)](#)

Type of Award: Fellowship ;
Anticipated Funding: \$138,000;
Number of Awards: 1,600 per fiscal year;
Solicitation ID: NSF 19-590
Eligibility: U.S. citizen, national, or permanent resident
Award: three years of support during a five-year fellowship period. Currently, NSF provides a stipend of \$34,000 to the Fellow and a cost-of-education allowance of \$12,000 to the graduate degree-granting institution for each Fellow who uses the fellowship support in a fellowship year.
Application due: Oct 22, 2019

WEBINAR, WORKSHOP & EXPO

NSF

[EHR Core Research \(ECR\) Proposal Preparation Outreach Webinar](#)

August 7, 2019 1:00-2:00 PM
Registration is required.

[Fall 2019 Grants Conference](#)

November 18-19, 2019 Boston, MA

NIH

[Fall 2019 NIH Regional Seminar](#)

Nov 6-8, 2019 Phoenix, AZ
Registration now open

DOD

[SBIR/STTE Innovation Summit](#)

October 8-10, 2019 National Harbor, MD

DOE

[Composites and Advanced Materials Expo](#)

Sep 23-26, 2019 Anaheim, CA

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>

Nine Sigma— Open Innovations Community