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Research, Funding News

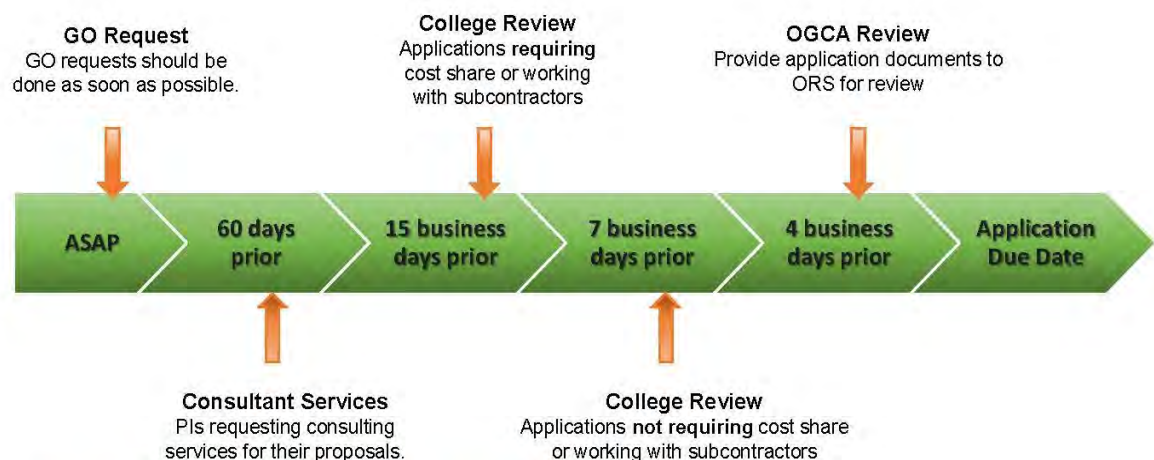
[Air Force Science and Technology Strategy for 2030 and beyond](#): Secretary of the Air Force Heather Wilson unveiled a new and ambitious Science and Technology Strategy designed to better identify, develop and deploy breakthrough technologies on April 17. The Strategy is divided into three objectives: “develop and deliver transformational strategic capabilities,” “reform the way science and technology is led and managed,” and “deepen and expand the scientific and technical enterprise.”

NSF will host **[CAREER Webinar 2019](#)** on May 9, 2019, 2-4 pm. The 1,000 webinar slots have been filled and a recording will be made available as soon as possible afterwards.

White House seeks input on AI technical standards: The White House Office of Science and Technology Policy and the National Institute of Standards and Technology published a **[request for information \(RFI\)](#)** to the Federal Register on the matter today. NIST is coordinating responses to the RFI, part of the agency’s responsibilities under President Trump’s recent executive order on AI. Feedback is due by May 31.

NSF and Amazon are partnering to jointly support computational research focused on fairness in AI, with the goal of contributing to trustworthy AI systems that are readily accepted and deployed to tackle grand challenges facing society (**[NSF 19-571](#)**). Specific topics of interest include, but are not limited to transparency, explainability, accountability, potential adverse biases and effects, mitigation strategies, validation of fairness, and considerations of inclusivity.

Pre-Award Timeline and Process



Recent Research Grant and Contract Awards

Congratulations to faculty on receiving research grant and contract awards!

PI: *Hassan Takabi*

Department: Computer Science and Engineering

Project Title: Export Controlled

Sponsor: Charles River Analytics, Inc.

Project Period: 2/26/2019 - 8/25/2019

Award: \$16,592.00

PI: *Eduardo Blanco Villar*

Department: Computer Science and Engineering

Project Title: NLP for Medication Adherence: Complex Semantics and Negation

Sponsor: University of Texas Health Science Center at Houston

Project Period: 1/1/2019 - 12/30/2021

Award: \$80,148.00

FUNDING OPPORTUNITIES

National Science Foundation

[NSF Program on Fairness in Artificial Intelligence in Collaboration with Amazon \(FAI\)](#)

Type of Award: Standard or Continuing Grant

Anticipated Funding: \$7.6M;

Number of Awards: 6 to 9;

Solicitation ID: NSF 19-571

Letter of Intent due: May 10, 2019

Full proposal due: Jun 26, 2019

[Secure and Trustworthy Cyberspace Frontiers \(SaTC Frontiers\)](#)

Type of Award: Continuing Grant

Anticipated Funding: \$15M;

Number of Awards: 2;

Solicitation ID: NSF 19-572

Letter of Intent due: Jul 05, 2019

Full proposal due: Sep 30, 2019

[Broadening Participation in Engineering \(BPE\)](#)

Type of Award: Standard or Continuing Grant;

Anticipated award: \$350K for 36 months;

Number of Awards: 8 to 10;

Solicitation ID: NSF PD 19-7680

Full Proposal Accepted Anytime

[Planning Grants for Engineering Research Centers \(ERC\)](#)

Type of Award: Standard Grant;

Anticipated Funding: \$3M-\$4M;

Number of Awards: 30 to 40;

Solicitation ID: NSF 19-562

Full proposal due: Jun 03, 2019

[Real-Time Machine Learning \(RTML\)](#)

Type of Award: Continuing Grant;

Anticipated Funding: \$10M;

Number of Awards: 8 to 12;

Solicitation ID: NSF 19-566

Full proposal due: Jun 06, 2019

[Next Generation Networks for Neuroscience \(NeuroNex\): Technology-enabled, Team-based Neuroscience](#)

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

Anticipated Funding: \$10M;

Number of Awards: 3 to 5;

Solicitation ID: NSF 19-563

Preliminary Proposal due: Jun 14, 2019

Full proposal due: Dec 13, 2019

[\(Limited\) Science and Technology Centers: Integrative Partnerships](#)

Type of Award: Cooperative Agreement - initial commitment of 5 years with the possibility of a 5-year continuation;

Limit on Number of Proposals per Organization: 3

Anticipated Funding: \$25M;

Number of Awards: up to 5 centers;

Solicitation ID: NSF 19-567

Preliminary Proposal due: Jun 25, 2019

Full Proposal due: Jan 27, 2020

[Smart and Connected Communities \(S&CC\)](#)

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

Anticipated Funding: \$43M;

Number of Awards: 35 to 45;

Solicitation ID: NSF 19-564

Letter of Intent due: Aug 06, 2019

Full proposal due: Sep 06, 2019

FUNDING OPPORTUNITIES

National Institute of Health

[Focused Technology Research and Development \(R01 - Clinical Trial Not Allowed\)](#)

FOA Number: PA-19-253

Proposal Due: Standard dates apply

[Exploratory Research for Technology Development \(R21 - Clinical Trial Not Allowed\)](#)

FOA Number: PA-19-254

Proposal Due: Standard dates apply

Brief Description: To address the immediate need for funding programs that support early stage technology development, NIGMS developed programs focusing on the two stages described in the FOA. This FOA invites projects in stage I, an early conceptual stage of the technology development process. A companion FOA PAR-19-253, supports projects in stage II to develop prototypes.

[BRAIN Initiative: Tools to Facilitate High-Throughput Microconnectivity Analysis \(R01 Clinical Trial Not Allowed\)](#)

Anticipated Funding: \$4M to fund 3-7 awards in FY2020.

FOA Number: RFA-MH-20-135

Letter of Intent Due: 30 days prior to the application due dates

Proposal Due: Sep 27, 2019; Sep 30, 2020

[NIH Director's Pioneer Award Program \(DP1 Clinical Trial Optional\)](#)

Anticipated Funding: \$8M to fund 7 awards in FY2020.

FOA Number: RFA-RM-19-005

Proposal Due: Aug 9, 2019

[NIH Director's Transformative Research Awards \(R01 Clinical Trial Optional\)](#)

Anticipated Funding: \$8M to fund 7 awards in FY2020.

FOA Number: RFA-RM-19-007

Proposal Due: Aug 20, 2019

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

FOA Number: PA-19-158

Proposal Due: Standard dates apply

[Summer Research Education Experience Program \(R25 Clinical Trial Not Allowed\)](#)

Anticipated award: Direct costs of \$100K per year, up to five years;

FOA Number: PAR-19-164

Proposal Due: May 25, 2019, Sep 25, 2019

Department of Defense

[Research Interests of the Air Force Office of Scientific Research](#)

Solicitation ID: FA9550-19-S-0003

Anticipated Funding: Approximately \$300 million is anticipated to be available for support of actions awarded under this announcement, subject to availability of funds. Research proposals funded between \$200,000 and \$400,000 per year are encouraged.

Proposal Deadline: Until the BAA is suspended.

[FY2020 Department of Defense Multidisciplinary Research Program of the University Research Initiative \(ONR\)](#)

Solicitation ID: N00014-19-S-F005

White paper Due: Jun 03, 2019

Proposal Due: Sep 13, 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

[Long Range BAA \(ONR\)](#)

Solicitation ID: ONR N00014-19-S-B001

Proposal Due: Sep 30, 2019

FUNDING OPPORTUNITIES

Department of Energy

[Solar Energy Technologies Office Fiscal Year 2019 Funding Program](#)

FOA number: DE-FOA-0002064
Letter of Intent Due: May 7, 2019
Concept Paper Due: May 14, 2019
Full proposal due: Jul 25, 2019

[Water Power Technologies Office 2019 Research Funding Opportunity](#)

FOA number: DE-FOA-0002080
Concept Paper Due: May 13, 2019
Full proposal due: Jul 9, 2019

[Clean Energy Manufacturing Innovation Institute: Cybersecurity in Energy Efficient Manufacturing](#)

FOA number: DE-FOA-0001960
Concept Paper Due: May 15, 2019
Full proposal due: Aug 20, 2019

[Buildings Energy Efficiency Frontiers & Innovation Technologies \(BENEFIT\) - 2019](#)

FOA number: DE-FOA-0002090
Concept Paper Due: May 21, 2019
Full proposal due: Jul 15, 2019

NASA

[Mars Data Analysis \(ROSES 2019\)](#)

Solicitation: NNH19ZDA001N-MDAP
Step 1 Proposal Due: Aug 22, 2019
Step 2 Proposal Due: Oct 24, 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

[Air Force Fiscal Year 2020 Young Investigator Research Program \(YIP\)](#)

Anticipated award: Up to \$150K per year for three years;
Expected Number of Awards: 37
Solicitation ID: FOA-AFRL-AFOSR-2019-0003
Proposal Due: Jun 03, 2019

WEBINAR, WORKSHOP & EXPO

[Enabling Health Technologies Summit](#)

May 2nd, 2019 3pm at Discovery Park
Sponsored by UNT Office for Faculty Success and College of Engineering

NSF

[CAREER Webinar 2019](#)

May 9, 2019, 2pm -4 pm Eastern Time
The 1,000 webinar slots have been filled and a recording will be made available as soon as possible afterwards.

[Spring 2019 NSF Grants Conference](#)

May 20-21, 2019 Los Angeles, CA
Registration is closed.

NIH

[Spring 2019 NIH Regional Seminar](#)

May 15-17, 2019 Baltimore, MD
Registration is closed.

[Fall 2019 NIH Regional Seminar](#)

Nov 6-8, 2019 Phoenix, AZ
Registration opens Mid-May

NICE

[National Cyber Summit](#)

June 4-6, 2019 Huntsville, AL

DOD

[SBIR/STTE Innovation Summit](#)

October 8-10, 2019 National Harbor, MD

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