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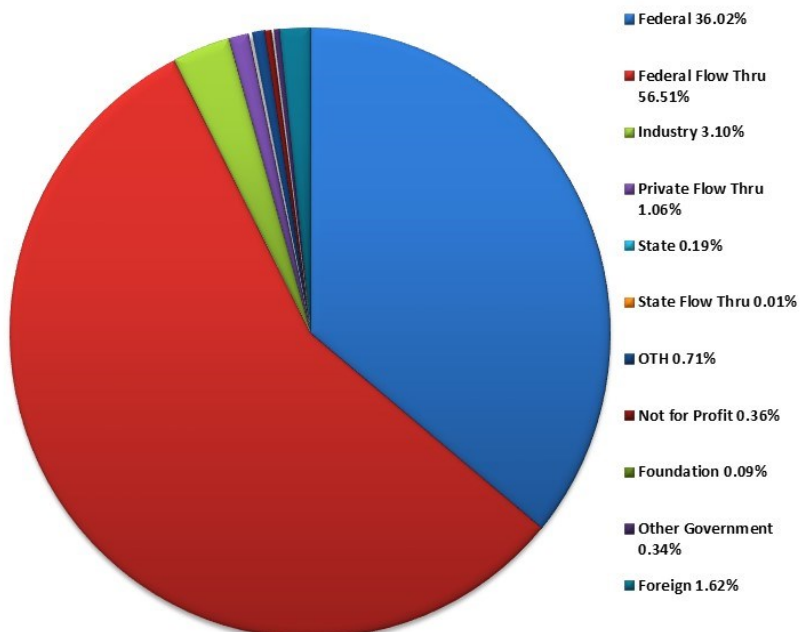
Research, Funding News

[New Partnership Between NSF, Air Force](#): Early this month, the secretary of the U.S. Air Force and the director of the National Science Foundation (NSF) signed a Letter of Intent to create a new partnership. Focused on collaboration in science and engineering research, the partnership aims to bolster national security. Four areas of common interest were identified: space operations and geosciences; advanced material sciences; information and data sciences; and workforce and processes.

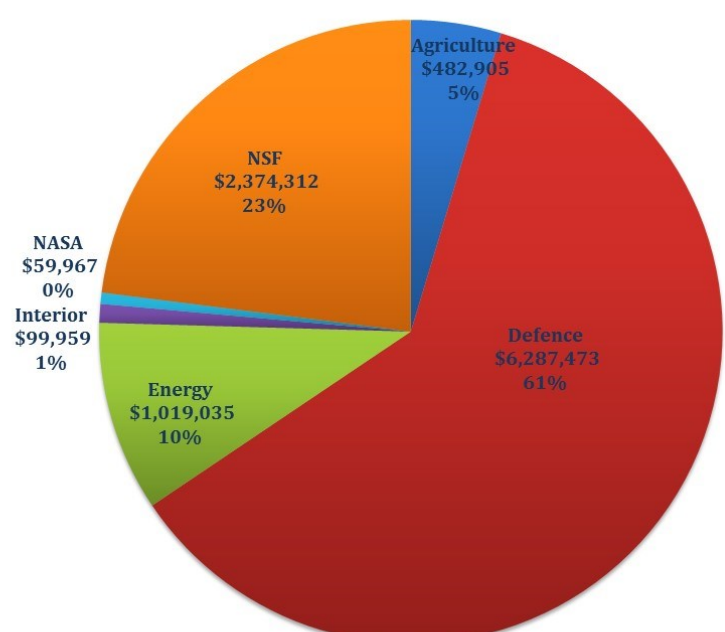
The House Appropriations Committee approved **[the fiscal year 2019 Commerce, Justice, Science \(CJS\) Appropriations bill](#)** on May 17, 2018. The bill funds the Departments of Commerce and Justice, the National Aeronautics and Space Administration (NASA), the National Science Foundation (NSF), the decennial census, and other related programs. On May 23, the House Appropriations Committee approved **[the fiscal year 2019 Transportation, Housing and Urban Development funding bill](#)**. The legislation includes funding for the Department of Transportation, the Department of Housing and Urban Development, and other related agencies.

Foundation Funding workshop: CENG will hold a Foundation Funding workshop in the early September, 2018 at Discovery Park. Discussion topics include researching Funders, searching for Foundation Funding opportunities, and Foundation Communication Etiquette and Process. Meantime, interested Faculty are encouraged to send one-page concept papers to **[Foundation Relations](#)**.

CENG FY17 Research Awards by Source



CENG FY17 Research Awards from Federal Agencies



Recent Research Grant and Contract Awards

Congratulations to faculty on receiving research grant and contract awards!

PI: *Cheng Yu*

Department: Engineering Technology

Project Title: Investigation on bolted connections in cold-formed steel members using J429 SAE bolts

Sponsor: American Iron and Steel Institute

Project Period: 2/27/2018 - 1/31/2019

Award: \$6,000.00

PI: *Rajiv Mishra*

Department: Materials Science and Engineering

Project Title: Joining R3-3

Sponsor: American Lightweight Materials Manufacturing Innovation Institute (ALMMII)

Project Period: 2/19/2018 - 2/28/2019

Award: \$30,230.00

PI: *Rajiv Mishra*

Department: Materials Science and Engineering

Co-PI: *Vishwanath Prasad*

Department: Mechanical and Energy Engineering

Project Title: Joining R3-9

Sponsor: American Lightweight Materials Manufacturing Innovation Institute (ALMMII)

Project Period: 2/19/2018 - 2/19/2019

Award: \$71,738.00

PI: *Hassan Takabi*

Department: Computer Science and Engineering

Project Title: UNT GenCyber Summer Program: Inspiring the Next Generation of Cyber Stars in North Texas

Sponsor: National Security Agency - NSA

Project Period: 5/1/2018 - 4/30/2019

Award: \$99,497.00

FUNDING OPPORTUNITIES

National Science Foundation

[Small Business Innovation Research Program Phase I \(SBIR\)](#)

Solicitation ID: NSF 18-550
Application due: Jun 14, 2018

[Small Business Technology Transfer Program Phase I \(STTR\)](#)

Solicitation ID: NSF 18-551
Application due: Jun 14, 2018

[STEM + Computing K-12 Education \(STEM+C\)](#)

Solicitation ID: PD 18-005Y
Application due: Jul 02, 2018

[Accelerating Discovery: Educating the Future STEM Workforce \(AD\)](#)

Solicitation ID: PD 18-1998
Application due: Jul 02, 2018, Apr 02, 2018– Jan 16, 2019

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

Application due: BIO, CISE, HER: Jul 18, 2018; ENG Jul 19, 2018; GEO, MPS, SBE: Jul 20, 2018

[Smart and Autonomous Systems \(S&AS\)](#)

Solicitation ID: 18-557
Application due: Jul 31, 2018

[NSF/FDA Scholar-in-Residence at FDA](#)

NSF 18-556
Application due: Full Proposal Accepted Anytime

[Science, Technology, and Society \(STS\)](#)

Solicitation ID: NSF 15-506
Application due: Aug 03, 2018

[Computer and Information Science and Engineering \(CISE\) Research Initiation Initiative \(CRII\)](#)

Solicitation ID: NSF 18-554
Application due: Aug 08, 2018

[Electrochemical Systems](#)

Solicitation ID: PD 18-7644
Application due: October 22, 2018

[Biosensing](#)

Solicitation ID: PD 18-7909
Application due: October 22, 2018

[Biological and Environmental Interactions of Nanoscale Materials](#)

Solicitation ID: PD 19-1179
Application due: Full Proposal Accepted Anytime

[Environmental Engineering](#)

Solicitation ID: PD 18-1440
Application due: October 22, 2018

[Environmental Sustainability](#)

Solicitation ID: PD 18-7643
Application due: October 22, 2018

[Engineering of Biomedical Systems \(EBMS\)](#)

Solicitation ID: PD 18-5345
Application due: October 22, 2018

[Molecular Separations](#)

Solicitation ID: 19-1417
Application due: Full Proposal Accepted Anytime

[Disability and Rehabilitation Engineering \(DARE\)](#)

Solicitation ID: PD 18-5342
Application due: October 22, 2018

[Cellular and Biochemical Engineering](#)

PD 18-1491
Application due: October 22, 2018

[Fluid Dynamics](#)

PD 18-1443
Application due: October 22, 2018

FUNDING OPPORTUNITIES - CONTINUED

Department of Defense/ US Army / DARPA/ ONR

[DARPA Biological Technologies](#)

Solicitation ID: HR001118S0041

BAA Open Period: Apr 25, 2018 through Apr 25, 2019

[Proof of Concept Commercialization Pilot Program Innovation Corps @ Department of Defense \(I-Corps @ DoD\) Fiscal Year 2018](#)

Solicitation ID: W911NF-18-S-0004

Informal White Papers due: Jun 08 2018

Application due: Jul 06, 2018

[DoD Peer Reviewed Medical Research Program \(PRMRP\) Investigator-Initiated Research Award](#)

Solicitation ID: USAMRAA W81XWH18PRMRPIIRA

Pre-Application Submission Deadline: Jun 12, 2018

Invitation to Submit an Application: Jul 2018

Application due: Sep 20, 2018

[FY19 Defense University Research Instrumentation Program \(DURIP\)](#)

Solicitation ID: FOA-AFRL-AFOSR-2018-0002

Inquiries and Questions due: Jun 15, 2018

Application due: Jul 06, 2018

[Defense Science, Technology, Engineering, and Mathematics \(STEM\) Education Consortium \(DSEC\) Cooperative Agreement](#)

Solicitation ID: W911NF-18-S-0008

Application due: Jun 25, 2018

[Bilateral Academic Research Initiative \(BARI\) Pilot Program](#)

Solicitation ID: W911NF-18-S-0007

Application due: Jul 06, 2018

[FY19 DoD Multidisciplinary Research Program of the University Research Initiative](#)

Solicitation ID: ONR: FOA-AFRL-AFOSR-2018-0001

White paper due: Jun 29, 2018

Application due: Oct 16, 2018

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

Solicitation ID: AFOSR-BAA-AFRL-AFOSR-2016-0007

Application due: remains open until superseded

[FY18 Funding Opportunity Announcement \(FOA\) for the Office of Naval Research \(ONR\) Navy and Marine Corps Science, Technology, Engineering & Mathematics \(STEM\), Education and Workforce Program](#)

Solicitation ID: ONR N00014-18-S-F003

White paper due: Jul 31, 2018

Application due: Sep 28, 2018

Department of Energy

[Solid-State Lighting Advanced Technology Research and Development- 2018](#)

DE-FOA-0001823

Application due: Jun 18, 2018

National Aeronautics and Space Administration

[ROSES 2018 Discovery Data Analysis](#)

Solicitation ID: NNH18ZDA001N-DDAP

Application due: Aug 30, 2018

[Advanced Information Systems Technology \(AIST-18\)](#)

Solicitation ID: NNH18ZDA001N-AIST

Application due: TBD

National Institute of Health

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

Solicitation ID: RFA-RM-18-007

Application due: Sep 14, 2018

JUNIOR FACULTY AWARDS

National Institute of Health

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

Solicitation ID: PA-18-671

Application due: Standard dates (Apr 8, Aug 8, Dec 8)

[NIH Director's Early Independence Award \(DP5 - Clinical Trial Optional\)](#)

Solicitation ID: RFA-RM-18-010

Application due: LOI: Aug 26, 2018, Full proposal: Sep 27, 2018

National Science Foundation

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

Application due: BIO, CISE, HER: Jul 18, 2018; ENG Jul 19, 2018; GEO, MPS, SBE: Jul 20, 2018

[Computer and Information Science and Engineering \(CISE\) Research Initiation Initiative \(CRII\)](#)

Solicitation ID: NSF 18-554

Application due: Aug 08, 2018

DoD Young Investigator Awards

[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

NSF

[Semi-annual NSF Grants Conference](#)

June 4-5, 2018 Detroit, Michigan

[Fall 2018 Grants Conference](#)

November 8-9, 2018 New Orleans, LA

NIH

[Fall 2018 NIH Regional Seminar](#)

October 17-19, 2018 San Francisco, CA

DoD

[Air Force The Science & Technology 2030 Initiative](#)

Including 6 innovation Workshops

[SBIR/STTE Innovation Summit](#)

October 23-25, 2018 Tampa, FL

National Academies

[Math Frontiers Monthly Webinar Series](#)

The second Tuesday of each month from 3-4 p.m. CT

NIST

[2018 NICE Conference and Expo](#)

November 5-9, 2018 Location: TBD

[2018 NICE K-12 Cybersecurity Education Conference](#)

December 3-4, 2018 San Antonio, TX

NICE

[National Cyber Summit](#)

June 5-7, 2018 Huntsville, AL

SERDP

[ASETSDefense Workshop 2018](#)

August 21-23, 2018, Denver, CO

FUNDING SEARCH ENGINES

Federal Grants World

<https://grants.gov>

PIVOT– 26,000 Funding Opportunity Database

<https://pivot.cos.com>

Fed biz opps– Federal Business Opportunities

<https://www.fbo.gov>