

## MESSAGE FROM THE VCR

Colleagues,

Visiting funding agencies is fundamental in understanding what agencies need and in informing agencies of a researcher's capabilities. **A new, recently unveiled program provides partial financial support to S&T faculty who wish to visit funding agencies.** Details can be found at: <http://sponsoredprograms.mst.edu/resources/policies/>

In addition to setting up individual appointments to talk with program directors, here are some opportunities to learn about what different agencies do, interact with program directors and colleagues from across the nation, learn, and also present yourself:

**AFOSR organizes dozens of annual workshops** in a number of areas that are (usually) open to all. The ones remaining for this year:

<https://community.apan.org/wg/afosr/w/researchareas/24029/2018-afosr-additive-manufacturing-workshop/>

<https://community.apan.org/wg/afosr/w/researchareas/24042/2018-afosr-natural-materials-systems-and-extremophiles-annual-program-review/>

<https://community.apan.org/wg/afosr/w/researchareas/23948/afosr-molecular-scale-studies-of-liquid-solid-interfaces-in-electrochemical-processes-workshop/>

The first workshop for 2019 has also been announced: <https://community.apan.org/wg/afosr/w/researchareas/24086/2019-technical-exchange-on-uwbg-semiconductors/>

For our junior faculty, there is a **very important meeting to learn about applying for a Young Investigator Research Program**, AFOSR's answer to the CAREER award. According to the announcement,

*"This [meeting] was created for the YIP recipient community to **build self-sustaining interactive relationships to advance science, navigate through AFOSR's Science and Technology mission requirements, and extend this experience to other funding agencies.** All past and present YIP recipients are welcome to attend, participate, and encouraged to present current work in the meeting... The draft agenda includes technical presentations by 2nd/3rd year YIPs, poster sessions by 1st year and potential YIPs, plenary talks by Department of Defense Leadership and AFOSR leadership, presentation on AFOSR and basic researchers relationships, Science and Engineering Division overview and research mission, panel discussion, and the federal government planning and budgeting cycle."*

This is a great opportunity to learn about YIP, DOD, and AFOSR: <https://community.apan.org/wg/afosr/w/researchareas/23011/2018-young-investigator-research-program-yip-meeting/>

(To identify these and future AFOSR opportunities, Google "AFOSR APAN" and click on "AFOSR Workshops & Reviews")

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All DOD research agencies have YIP-equivalent opportunities:

ONR: <https://www.onr.navy.mil/en/Science-Technology/Directorates/office-research-discovery-invention/Sponsored-Research/YIP>

ARL: <https://www.arl.army.mil/www/default.cfm?page=8>

DARPA: <https://www.darpa.mil/work-with-us/for-universities/young-faculty-award>

Another important event is **ARL's Open Campus** which covers all disciplines and, again, offers an amazing chance to meet with Army Program Managers. The 2019 Open House has not been scheduled yet, but keep visiting this site: <https://www.arl.army.mil/opencampus/>

**DARPA organizes a number of events for researchers.** While Requests for Information (RIF) appear through [FBO.GOV](https://www.fbo.gov) and PIVOT, open events can be found here. There are still some left in 2018: <https://www.darpa.mil/events>

NIH places its news, including open houses and workshops, here: <https://nexus.od.nih.gov/all/>

And, if you are interested in NIH research, put May 15-17 on your calendar, when you will have a *“unique opportunity to hear the latest NIH grants processes and policies directly from over 65 NIH & HHS Program, Grants, Review, and Policy presenters... all in a central location. In addition, you have the option to meet with over 35 additional experts representing NIH Institutes and Centers for 15 minute chats. That's over 100 experts to choose from!”*

<https://nexus.od.nih.gov/all/2018/10/31/spring-into-action-and-register-for-the-2019-nih-regional-seminar-in-baltimore-today/>

**NOTE: Although this workshop is 6 months away, if you plan to go, please register now as such workshops are scheduled only twice a year and seats are limited.**

Finally, NIH has a daily calendar here: <https://calendar.nih.gov/app/MCalWelcome.aspx>

It is mostly for internal reference (e.g. when SPSS training occurs), but it occasionally includes interesting workshops from large NIH-funded teams; might be worth an occasional perusal, since attending some of these workshops may lead to collaborations.

Happy traveling and happy hunting!

Costas Tsatsoulis

# RECENT AWARDS

JULY 2018

**PI:** *Laura Bartlett*

**Department:** Materials Science and Engineering

**Proposal Title:** Intensive Quenching to Produce High Performance Cast Parts

**Sponsor:** ATI

**Award:** \$70,457.00

**PI:** *David Borrok*

**Department:** Geosciences and Geological and Petroleum Engineering

**Proposal Title:** Tuscaloosa Marine Shale Laboratory

**Sponsor:** University of Louisiana at Lafayette

**Award:** \$71,246.00

**PI:** *Joel Burken*

**Department:** Civil, Architectural, and Environmental Engineering

**Proposal Title:** International Phytotechnologies Scholars Program, Preparing Next Generation Global Leaders in our Profession 2018-Participant Support

**Sponsor:** NIH

**Award:** \$15,000.00

**PI:** *K. Chandrashekhara*

**Department:** Mechanical and Architectural Engineering

**Proposal Title:** Precision Machining of Composite Structures

**Sponsor:** Product Innovation and Engineering, LLC

**Award:** \$25,000.00

**PI:** *Garrett Coffey*

**Department:** Office of Undergraduate Studies

**Proposal Title:** New Student Veterans Orientation

**Sponsor:** Missouri Department of Higher Education

**Award:** \$4,400.67

**PI:** *Richard Dawes*

**Department:** Chemistry

**Proposal Title:** Supplement: CDS&E: Bridging electronic structure theory and dynamics with applications to nonadiabatic processes

**Sponsor:** NSF

**Award:** \$56,645.00

**PI:** *Kyle DeMars*

**Department:** Mechanical and Aerospace Engineering

**Proposal Title:** A Framework for Lander Navigations

**Sponsor:** NASA

**Award:** \$15,000.00

**PI:** *Kristen Donnell Hilgedick*

**Department:** Electrical and Computer Engineering

**Proposal Title:** A Multi-Physics-Based Approach to Active Microwave Thermography--REU Supplement

**Sponsor:** NSF

**Award:** \$8,000.00

**PI:** *Lian Duan*

**Department:** Mechanical and Aerospace Engineering

**Proposal Title:** Interaction of a Shockwave with a Homogenous Field of Acoustic Waves: Theory and Simulation

**Sponsor:** NSF

**Award:** \$86,595.00

**PI:** *Garry Grubbs II*

**Department:** Chemistry

**Proposal Title:** Three-wave mixing techniques to study and utilize quadrupole coupling effects in chiral molecules

**Sponsor:** NSF

**Award:** \$59,752.00

# RECENT AWARDS

JULY 2018

**PI:** *Xiaoming He*

**Department:** Mathematics and Statistics

**Proposal Title:** Modeling, a decoupled final element method, and analysis for two-phase ferrofluid flows

**Sponsor:** NSF

**Award:** \$160,000.00

**PI:** *Gregory Hilmas*

**Department:** Materials Science and Engineering

**Proposal Title:** Joining of Ceramic Composites for Nuclear Applications

**Sponsor:** UES, Inc.

**Award:** \$75,000.00

**PI:** *Catherine Johnson*

**Department:** Mining and Nuclear Engineering

**Proposal Title:** Alternative Mixing Technologies for High Energy, Solid Materials for Large Gas Generator Propellant

**Sponsor:** E&G Associates

**Award:** \$25,201.56

**PI:** *Catherine Johnson*

**Department:** Mining and Nuclear Engineering

**Proposal Title:** SME Career Grant 2017 Johnson CE

**Sponsor:** Society for Mining, Metallurgy, and Exploration, Inc.

**Award:** \$100,000.00

**PI:** *Hyoung Lee*

**Department:** Mining and Nuclear Engineering

**Proposal Title:** Missouri S&T Nuclear Engineering Faculty Development Program

**Sponsor:** Nuclear Regulatory Commission

**Award:** \$450,000.00

**PI:** *Xinhua Ling*

**Department:** Chemical and Biochemical Engineering

**Proposal Title:** Collaborative Research: On the Origin of Atomic Layer Deposition Enhanced Activity and Stability of Nanostructured Cathodes for Intermediate-temperature Solid Oxide Fuel Cells

**Sponsor:** NSF

**Award:** \$49,262.00

**PI:** *Dan Lin*

**Department:** Computer Science

**Proposal Title:** MASTER: Missouri Advanced Security Training Education and Research-Participant Support

**Sponsor:** NSF

**Award:** \$621,332.00

**PI:** *FueWen Liou*

**Department:** Mechanical and Aerospace Engineering

**Proposal Title:** Advanced Manufacturing of Aluminum Alloy Components

**Sponsor:** Product Innovation and Engineering, LLC

**Award:** \$50,000.00

**PI:** *Michael Moats*

**Department:** Materials Science and Engineering

**Proposal Title:** Cost, Productivity and Occupational Health Improvements for Base Metal Electrowinning

**Sponsor:** AMIRA International Limited

**Award:** \$379,090.00

# RECENT AWARDS

## JULY 2018

**PI:** *Manashi Nath*

**Department:** Chemistry

**Proposal Title:** Investigating Mixed Metal Chalcogenides Towards Electrocatalytic Water Oxidation: An Integrated Experimental and Theoretical Approach

**Sponsor:** NSF

**Award:** \$65,192.00

**PI:** *Joseph Newkirk*

**Department:** Materials Science and Engineering

**Proposal Title:** Incorporation of Surface Residual Stress Engineering into Aerospace Practice (BA-16) Project

**Sponsor:** Boeing Company

**Award:** \$2,000.00

**PI:** *Joseph Newkirk*

**Department:** Materials Science and Engineering

**Proposal Title:** AM Residual Stress for Missouri University of Science & Technology for Boeing Research & Technology

**Sponsor:** Boeing Company

**Award:** \$45,372.00

**PI:** *Ronald O'Malley*

**Department:** Materials Science and Engineering

**Proposal Title:** PSMRC Spraying Systems Membership

**Sponsor:** Spraying Systems

**Award:** \$31,500.00

**PI:** *Michael Schulz*

**Department:** Physics

**Proposal Title:** Few-Body Dynamics in Simple Atomic Systems

**Sponsor:** NSF

**Award:** \$90,594.00

**PI:** *Honglan Shi*

**Department:** Chemistry

**Proposal Title:** Minimizing Disinfection By-product Formulation to Improve Missouri Drinking Water Quality

**Sponsor:** Missouri Department of Natural Resources

**Award:** \$75,029.00

**PI:** *Linda Turner*

**Department:** S&T Global

**Proposal Title:** ATF Explosive Engineering Courses

**Sponsor:** DOJ

**Award:** \$217,779.48

## AUGUST 2018

**PI:** *Ayodeji Alajo*

**Department:** Mining and Nuclear Engineering

**Proposal Title:** Overhead Crane Installation and Enhancement of Distance Learning at Missouri S&T Reactor

**Sponsor:** DOE

**Award:** \$249,138.00

**PI:** *Baojun Bai*

**Department:** Geosciences and Geological, and Petroleum Engineering

**Proposal Title:** PGCCIC: Research Institute of Petroleum Exploration and Development Co., LTD, China National Petroleum Corporation (RIPED)

**Sponsor:** Research Institute of Petroleum Exploration and Development Company, LTD, China National Petroleum Corp (RIPED)

**Award:** \$120,000.00

# RECENT AWARDS

AUGUST 2018

**PI:** *S. N. Balakrishnan*

**Department:** Mechanical and Aerospace Engineering

**Proposal Title:** Missouri Space Grant Consortium

**Sponsor:** NASA

**Award:** \$175,500.00

**PI:** *Douglas Bristow*

**Department:** Mechanical and Aerospace Engineering

**Proposal Title:** Large Scale Manufacturing Support

**Sponsor:** Oak Ridge National Lab

**Award:** \$46,000.00

**PI:** *Douglas Bristow*

**Department:** Mechanical and Aerospace Engineering

**Proposal Title:** CAMT: Boeing Membership

**Sponsor:** Boeing Company

**Award:** \$200,000.00

**PI:** *Douglas Bristow*

**Department:** Mechanical and Aerospace Engineering

**Proposal Title:** CAMT: GKN Membership

**Sponsor:** GKN Aerospace Services

**Award:** \$50,000.00

**PI:** *Douglas Bristow*

**Department:** Mechanical and Aerospace Engineering

**Proposal Title:** CAMT: Steelville Membership

**Sponsor:** Steelville Manufacturing

**Award:** \$15,000.00

**PI:** *Douglas Bristow*

**Department:** Mechanical and Aerospace Engineering

**Proposal Title:** CAMT: Product Innovation and

Engineering Membership (2018 - 3rd Membership)

**Sponsor:** Product Innovation and Engineering, LLC

**Award:** \$50,000.00

**PI:** *Sajal Das*

**Department:** Computer Science

**Proposal Title:** SPX: Collaborative Research:

SANDY: Sparsification-Based Approach for Analyzing Network Dynamics

**Sponsor:** NSF

**Award:** \$81,303.00

**PI:** *Andreas Eckert*

**Department:** Geosciences and Geological, and Petroleum Engineering

**Proposal Title:** GP-EXTRA: RiGS—Road maps into the Geosciences

**Sponsor:** NSF

**Award:** \$306,716.00

**PI:** *Mehdi Ferdowsi*

**Department:** Electrical and Computer Engineering

**Proposal Title:** MIC Advanced Lead Acid Battery Consortium Membership

**Sponsor:** Advanced Lead Battery Consortium

**Award:** \$42,000.00

**PI:** *Jie Huang*

**Department:** Electrical and Computer Engineering

**Proposal Title:** Manufacturing Low Cost Plasmonic Sensors for Chemical and Biological Sensing

**Sponsor:** Applied Optoelectronics, Inc.

**Award:** \$75,000.00

# RECENT AWARDS

AUGUST 2018

**PI:** *Ulrich Jentschura*

**Department:** Physics

**Proposal Title:** Quantum Field Theory Atomic Physics and General Relativity

**Sponsor:** NSF

**Award:** \$43,960.00

**PI:** *Xinhua Liang*

**Department:** Chemical and Biochemical Engineering

**Proposal Title:** Highly Selective, Active, and Stable Metal Nanoparticle Catalysis with Ultra-Thin Porous Ceramic Shells for Size-Selective Chemical Reactions

**Sponsor:** NSF

**Award:** \$318,049.00

**PI:** *Hongyan Ma*

**Department:** Civil, Architectural, and Environmental Engineering

**Proposal Title:** Collaborative Research: In-situ Production of Calcium Carbonate Nanoparticles in Fresh Concrete

**Sponsor:** NSF

**Award:** \$159,422.00

**PI:** *Julia Medvedeva*

**Department:** Physics

**Proposal Title:** DMREF: Collaborative Research: Synthesis, Characterization, and Modeling of Complex Amorphous Semiconductors for Future Device

**Sponsor:** NSF

**Award:** \$94,000.00

**PI:** *Jason Murphy*

**Department:** Mathematics and Statistics

**Proposal Title:** Collaboration grant for Jason Murphy

**Sponsor:** Simons Foundation

**Award:** \$42,000.00

**PI:** *John Myers*

**Department:** Civil, Architectural, and Environmental Engineering

**Proposal Title:** Graduate Assistance in Areas of National Need

**Sponsor:** US Department of Education

**Award:** \$248,750.00

**PI:** *Dev Niyogi*

**Department:** Biological Sciences

**Proposal Title:** Nonpoint Source Mitigating in an Urban Watershed

**Sponsor:** Missouri Water Research Center

**Award:** \$21,795.00

**PI:** *David Pommerenke*

**Department:** Electrical and Computer Engineering

**Proposal Title:** CEMC Membership Agreement for Nexperia

**Sponsor:** Nexperia B.V.

**Award:** \$60,000.00

**PI:** *Risheng Wang*

**Department:** Chemistry

**Proposal Title:** SMALL: Toward a molecular computer: Scaling up programmable single-molecule junctions based on DNA self-assembly

**Sponsor:** NSF

**Award:** \$349,999.00

**PI:** *Haiming Wen*

**Department:** Materials Science and Engineering

**Proposal Title:** Oxidation behavior of silicon carbide and graphitic materials

**Sponsor:** DOE

**Award:** \$750,000

# RECENT AWARDS

## AUGUST 2018

**PI:** *Philip Whitefield*

**Department:** Chemistry

**Proposal Title:** 2018 Multidisciplinary Airborne Experiment (ND-MAX) campaign

**Sponsor:** Booz Allen Hamilton

**Award:** \$117,000.00

**PI:** *Yahong Zheng*

**Department:** Electrical and Computer Engineering

**Proposal Title:** PFI-TT: Prototyping a MIMO-SCM Turbo Receiver for Robust Underwater Wireless Communication

**Sponsor:** NSF

**Award:** \$200,000.00

**PI:** *Sajal Das*

**Department:** Computer Science

**Proposal Title:** NeTS: JUNO2: STEAM: Secure and Trustworthy Framework for Integrated Energy and Mobility in Smart Connected Communities--Participant Support

**Sponsor:** NSF

**Award:** \$13,123.00

**PI:** *Sajal Das*

**Department:** Computer Science

**Proposal Title:** SPX: Collaborative Research: SANDY: Sparsification-based Approach for Analyzing Network Dynamics

**Sponsor:** NSF

**Award:** \$64,782.00

**PI:** *Baojun Bai*

**Department:** Geosciences and Geological and Petroleum Engineering

**Proposal Title:** Wells of Opportunity for the First Every Heavy Oil Polymer Flood Pilot: Milne Point Oilfield-Alaska North Slope

**Sponsor:** University of Alaska

**Award:** \$152,494.00

**PI:** *Genda Chen*

**Department:** Civil, Architectural, and Environmental Engineering

**Proposal Title:** Chemically Bonded Porcelain Enamel Coated Pipe for Corrosion Protection and Flow Efficiency

**Sponsor:** DOT

**Award:** \$2,227.00

**PI:** *Sajal Das*

**Department:** Computer Science

**Proposal Title:** NeTS: JUNO2: STEAM: Secure and Trustworthy Framework for Integrated Energy and Mobility in Smart Connected Communities

**Sponsor:** NSF

**PI:** *Sajal Das*

**Department:** Computer Science

**Proposal Title:** SPX: Collaborative Research: SANDY: Sparsification-based Approach for Analyzing Network Dynamics--Participant Support

**Sponsor:** NSF

**Award:** \$1,207.00

**PI:** *James Drewniak*

**Department:** Electrical and Computer Engineering

**Proposal Title:** CEMC Membership Agreement for Cisco 4-EMC

**Sponsor:** Cisco System, Inc.

**Award:** \$35,000.00

**PI:** *Jun Fan*

**Department:** Electrical and Computer Engineering

**Proposal Title:** I/UCRC Phase II: Center for Electromagnetic Compatibility - 2018 Supplemental Funding Request

**Sponsor:** NSF

**Award:** \$20,000.00



# RECENT AWARDS

SEPTEMBER 2018

**PI:** *Jie Huang*

**Department:** Electrical and Computer Engineering

**Proposal Title:** Development of an embeddable sensor for tri-axial interfacial delamination measurement

**Sponsor:** Jiangsu Hongkai Sensing Technology

**Award:** \$64,086.00

**PI:** *Kamal Khayat*

**Department:** Civil, Architectural, and Environmental Engineering

**Proposal Title:** Compact Concrete Pavement

**Sponsor:** MODOT

**Award:** \$125,000.00

**PI:** *Victor Khilkevich*

**Department:** Electrical and Computer Engineering

**Proposal Title:** CEMC Membership Agreement for Cisco-Materials 2

**Sponsor:** Cisco System, Inc.

**Award:** \$60,000.00

**PI:** *Hyoung Lee*

**Department:** Mining and Nuclear Engineering

**Proposal Title:** Nuclear Reactor Labs via Internet

**Sponsor:** University of Illinois Urbana Champaign

**Award:** \$4,000.00

**PI:** *Bruce McMillin*

**Department:** Computer Science Engineering (Bo, Kimball); Computer Science (Guo)

**Proposal Title:** CPS: TTP: Option: Medium: Collaborative Research: Trusted CPS

**Sponsor:** NSF

**Award:** \$962,695.00

**PI:** *Cesar Mendoza*

**Department:** Civil, Architectural, and Environmental Engineering

**Proposal Title:** Testing Pipes and Data Analysis

**Sponsor:** Bull Moose Tube Co.

**Award:** \$23,700.00

**PI:** *David Pommerenke*

**Department:** Electrical and Computer Engineering

**Proposal Title:** CEMC Membership Agreement for Bosch

**Sponsor:** Robert Bosch GMBH

**Award:** \$76,000.00

**PI:** *Yun Song*

**Department:** Mechanical and Aerospace Engineering

**Proposal Title:** Human Arm Impedance Modulation During Overground Physical Interactions

**Sponsor:** NSF

**Award:** \$299,928.00

**PI:** *Pericles Stavropoulos*

**Department:** Chemistry

**Proposal Title:** Electrophilic Amination of Hydrocarbons via Novel Transition-Metal Nitrenes, Amidos and Nitrenoids

**Sponsor:** NIH

**Award:** \$62,846.00

**PI:** *Jay Switzer*

**Department:** Chemistry

**Proposal Title:** Epitaxial Electrodeposition of Single-Crystal Metal Foils and Metal Oxide Thin Films for Energy Conversion and Storage

**Sponsor:** DOE

**Award:** \$188,660.00

# RECENT AWARDS

SEPTEMBER 2018

**PI:** *Risheng Wang*

**Department:** Chemistry

**Proposal Title:** Exploring the Scanning Capability of TT-2 AFM for Imaging DNA Origami in Solution

**Sponsor:** AFM Workshop

**Award:** \$4,872.00

**PI:** *Zhaozheng Yin*

**Department:** Computer Science

**Proposal Title:** NRI: INT: Collab: Intelligent Human-Robot Collaboration for Smart Factory

**Sponsor:** NSF

**Award:** \$667,656.00

**PI:** *Xiong Zhang*

**Department:** Civil, Architectural, and Environmental Engineering

**Proposal Title:** Use of H2Ri to Mitigate Pumping in Concrete Pavement Shoulders

**Sponsor:** MODOT

**Award:** \$37,403.00

**PI:** *Xiong Zhang*

**Department:** Civil, Architectural, and Environmental Engineering

**Proposal Title:** A Photogrammetric Method to Measure 3D Full Field Displacement of Geosynthetics during the Tensite Test (Xioalong Xiao)

**Sponsor:** Geosynthetic Institute

**Award:** \$5,000.00

**PI:** *Reza Zoughi*

**Department:** Electrical and Computer Engineering

**Proposal Title:** Microwave Inspection of Body Armor (Option)

**Sponsor:** Texas Research Institute at Austin

**Award:** \$15,000.00

# SELECTED FUNDING OPPORTUNITIES

## National Science Foundation (NSF)

### Geoinformatics (GI)

Solicitation: 11-581

Applications Due: 01-01-19

### Prediction of and Resilience against Extreme Events

Solicitation ID: 16-562

Full Proposal Due: 01-04-19

### Cyberlearning for Work at the Human-Technology Frontier

Solicitation ID: 17-598

Full Proposal Due: 01-14-19

### Developmental Sciences (DS)

Solicitation ID: PD 08-1698

Full Proposal Due: 01-15-19

### Formal Methods in the Field (FMitF)

Solicitation ID: 18-596

Full Proposal Due: 01-15-19

### Research on the Science and Technology Enterprise: Statistics and Surveys - R7D, U.S. S&T Competitiveness, STEM Education, S&T Workforce

Solicitation ID: 15-521

Full Proposal Due: 01-15-19

### Joint DMS/NLM Initiative on Generalizable Data Science Methods for Biomedical Research (DMS/NLM)

Solicitation ID: 19-500

Full Proposal: 01-16-19

### Expeditions in Computing

Solicitation ID: 19-528

Full Proposal Due: 01-16-19

### Scalable Parallelism in the Extreme (SPX)

Solicitation ID: 19-505

Full Proposal Due: 01-17-19

### Partnerships for Innovation (PFI)

Solicitation ID: 19-506

Full Proposal Due: 01-17-19

### Economics

Solicitation ID: PD 98-1320

Full Proposal Due: 01-18-19

### Spectrum Efficiency, Energy Efficiency, and Security (SpecEES): Enabling Spectrum for All

Solicitation ID: 17-601

Full Proposal Due: 01-18-19

### Decision, Risk and Management Sciences (DRMS)

Solicitation ID: PD 98-1321

Full Proposal Due: 01-18-19

# SELECTED FUNDING OPPORTUNITIES

## Major Research Instrumentation Program (MRI)

Solicitation ID: 18-513

Full Proposal Due: 01-22-19

## Cybersecurity Innovation for Cyberinfrastructure

Solicitation ID: 19-514

Application Due: 01-23-19

## IUSE/Professional Formation of Engineers: Revolutionizing Engineering Departments

Solicitation ID: 19-513

Application Due: 01-24-19

## Training-based Workforce Development for Advanced Cyberinfrastructure (CyberTraining)

Solicitation ID: 18-516

Full Proposal Due: 01-25-19

## National Institutes of Health (NIH)

Development and Optimization of Tasks and Measures for Functional Domains of Behavior (R01 Clinical Trial Not Allowed)

FOA Number: PAR-18-930

Letter of Intent Due: 01-05-19

## NIDCR Small Research Grants for Data Analysis and Statistical Methodology Applied to Genome-wide Data (R03)

FOA Number: PAR-16-070

Application Due: 01-07-19

## Department of Defense (DoD)

FY 2020 Strategic Environmental Research and Development Program Core Solicitation

Pre-proposal Due: 01-08-19

## Electronic Warfare Technology

FO Number: N00014-19-R-S002

Application Due: 01-10-19

## Accelerated Molecular Discovery

Solicitation Number: HR001119S0003

Application Due: 01-14-19

## National Aeronautics and Space Association (NASA)

Research Opportunities in Space and Earth Sciences (ROSES) - Strategic Astrophysics Technology

Solicitation ID: NNH16ZDA001N-SAT

Notice of Intent Due: 01-18-19

# SELECTED EVENTS

## **National Institutes for Health (NIH)**

OBSSR Director's Webinar Series:  
Computational Cognitive Models of mHealth  
Interventions

November 13, 2018, 1:00 pm CDT

NIH Regional Seminar on Program Funding  
and Grants Administration

May 15-17, 2019; Baltimore, MD

## **Air Force Office of Scientific Research (AFOSR)**

2018 AFOSR Additive Manufacturing Workshop

November 14, 2018; Arlington, VA

AFOSR Molecular-Scale Studies of Liquid-Solid  
Interfaces in Electrochemical Processes  
Workshop

November 20, 2018; Arlington VA

2018 Young Investigator Research Program  
(YIP Meeting)

November 27-29, 2018; Arlington, VA

2018 AFOSR Natural Materials, Systems and  
Extremophiles Annual Program Review

December 3-6 2018; Niceville, FL

2019 Technical Exchange on UWBG  
Semiconductors

May-14-19 2019; Arlington, VA

## **National Institute of Standards and Technology (NIST)**

NICE K12 Cybersecurity Education Conference

December 3-4, 2018; San Antonio, Texas

## **American Geophysical Union (AGU)**

2018 AGU Fall Meeting

December 10-14, 2018; Washington, D.C.

## **National Science Foundation (NSF)**

Spring 2019 Grants Conference

May 20-21, 2019; Los Angeles, CA

# FUNDING SEARCH ENGINES

Federal Grants World

<https://grants.gov>

PIVOT—Funding Opportunity Database

<https://pivot.cos.com>

National Science Foundation

<https://www.nsf.gov/funding/index.jsp>