

Inside This Issue:

News	1
Recently Awards	2
Funding Opportunities	3
Continued	4
Webinars and Conferences	5

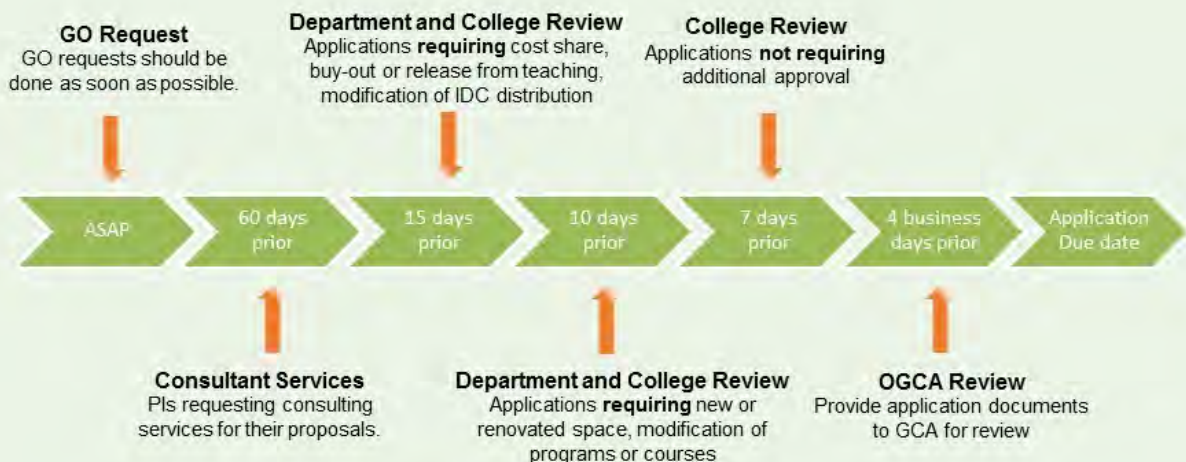
Research, Funding News

NSF published "Dear Colleague Letter: Guidance for Computer and Information Science and Engineering (CISE) Proposers to the Faculty EarlyCareer Development (CAREER) and CISE Research Initiation Initiative (CRII) Programs". ([NSF 20-092](#)) CISE encourages candidates to submit their first CAREER proposals within two years of starting their tenure-track appointments. CRII awards are not intended to be, and should not be viewed as, prerequisites for CAREER awards.

NSF has extended some of the [upcoming proposal deadlines](#) including CAREER. In addition, NSF are aiming to provide maximum flexibility in all cases and ask that any principal investigator urgently in need of an extension please contact their program manager as soon as possible.

Starting July 2020, all proposals will be fully routed to department/s and college for review in Cayuse SP before being sent to GCA. Proposals requesting (i) any cost share or match, (ii) buy-out or release from teaching, (iii) new or renovated space, (iv) modification of indirect cost (F&A/IDC) distribution, or (v) modification of programs or courses will need department/s and college's approval. PI should send the above request/s to department chair and the Associate Dean for Research 10 to 14 days prior to the agency deadline.

Grant Application Process



Recent Research Grant and Contract Awards

Congratulations to faculty on receiving research grant and contract awards!

PI: Eduardo Blanco Villar
Department: Computer Science & Engineering
Project Title: Building Cybersecurity Analytics Capacity in Big Data Era: Developing Hands-on Labs for Integrating Data Science into Cybersecurity Curriculum
Sponsor: Georgia State University (NSF)
Project Period: 4/1/2020 - 6/30/2020
Award: \$61,788.00

PI: Sanjukta Bhowmick
Department: Computer Science & Engineering
Project Title: Collaborative Research: SHF Core: Medium: NetSplicer: Scalable Decoupling-based Algorithms for Multilayer Network Analysis
Sponsor: National Science Foundation - NSF
Project Period: 7/1/2020 - 6/30/2023
Award: \$320,042.00

PI: Huseyin Bostanci
Co-PI: Leticia Anaya, Maurizio Manzo
Department: Engineering Technology
Project Title: NPI-UNT Partnership on Research Experiences and Outreach Programs
Sponsor: Texas A&M Engineering Experiment Station
Project Period: 5/1/2020 - 8/31/2021
Award: \$149,741.00

PI: Srinivasan Srivilliputhur
Co-PIs: Rajarshi Banerjee, Michael Baskes
Department: Materials Science & Engineering
Project Title: An Atomic Bonding Informed Approach to Rewrite the Rules of Solid-Solution and Precipitation Strengthening
Sponsor: Air Force Office of Scientific Research - AFOSR
Project Period: 6/22/2020 - 6/21/2023
Award: \$1,048,322.00

PI: Xuan Guo
Co-PI: Armin Mikler
Department: Computer Science & Engineering
Project Title: A Computational Framework for Protein Identification and Quantification in Metaproteomics Using Data-Independent Acquisition
Sponsor: National Institutes of Health - NIH
Project Period: 7/1/2020 - 1/31/2023
Award: \$361,302.00

FUNDING OPPORTUNITIES

National Science Foundation

[Civic Innovation Challenge](#)

Solicitation ID: NSF 20-0562

Track A. Communities and Mobility

Track B. Resilience to Natural Disasters

Anticipated Funding: \$50K for four months

Number of Awards: 12 per track for stage 1

Full proposal due: Stage 1: Aug 3, 2020

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

Anticipated Funding: \$250M;

Number of Awards: 500;

Solicitation ID: NSF 20-525

Full proposal due: Aug 11, 2020

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

Anticipated Funding: \$10M;

Number of Awards: 55 to 60

Each award will be up to \$175,000 for a period of 24 months.

Solicitation ID: NSF 19-579

Full proposal due: Aug 12, 2020

[Disaster Resilience Research Grants \(DRRG\)](#)

Anticipated Funding: \$3.1M;

Number of Awards: 8-12;

Solicitation ID: NSF 20-581

LOI due: Aug 14, 2020

Full proposal due: Sep 15, 2021

[Research Experiences for Undergraduates \(REU\)](#)

Anticipated Funding: \$76M;

Number of Awards: 1,750 to 1,800 (180 new Site awards and 1,600 new Supplement awards)

Solicitation ID: NSF 19-582

Full proposal due: Aug 26, 2020

[Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences \(CDS&E-MSS\)](#)

Solicitation ID: PD 18-8069

Full proposal due: Sep 15, 2020

[PFE: Research Initiation in Engineering Formation \(PFE: RIEF\)](#)

Anticipated Funding: \$200k for 24 months; 15 awards;

Solicitation ID: NSF 20-558

Full proposal due: Nov 10, 2020

[\(Limited\) Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science \(NSF INCLUDES\)](#)

Anticipated Funding: \$2M - \$3M;

Number of Awards: 1-3;

Solicitation ID: NSF 20-569

LOI due: Oct 05, 2020

Full proposal due: Jan 26, 2021

[DCL: Encouraging Mid-scale Research Infrastructure in Computer and Information Science and Engineering](#)

CISE encourages the community to prepare for potential future opportunities like the NSF Mid-scale RI programs (NSF [19-537](#), [NSF 19-542](#)). CISE emphasizes interest in innovative and integrative mid-scale RI projects in areas not already well-supported by existing programs and guided by the following principles: Science-driven, Holistic and integrative, Service, performance, and sustainability oriented.

[DCL: Supporting Research on Pandemics within the Civic Innovation Challenge and Broadened NSF Support for the Challenge](#)

NSF encourages resilience track within CIVIC (NSF 20-0562) to leverage the challenges introduced by COVID-19 to pursue associated community-level changes, either in resilience to pandemics or mobility in the face of pandemics.

FUNDING OPPORTUNITIES

National Institute of Health

[Notice of Special Interest \(NOSI\): Emergency Competitive Revisions for Community-Engaged Research on COVID-19 Testing among Underserved and/or Vulnerable Populations](#)

Solicitation ID: NOT-OD-20-120

Award: Up to \$700K in direct cost for two years

Application due: Aug 07, 2020, Sep 08, 2020

[Digital Healthcare Interventions to Address the Secondary Health Effects Related to Social, Behavioral, and Economic Impact of COVID-19 \(R01 - Clinical Trial Optional\)](#)

Solicitation ID: PAR-20-243

Award: \$750K direct costs per year for up to three years

Application due: Aug 20, 2020, Dec 02, 2020

[NCI Small Grants Program for Cancer Research for Years 2020, 2021, and 2022 \(NCI Omnibus R03 Clinical Trial Optional\)](#)

FOA: PAR-20-052

Award: \$50K per year for up to two years

Application due: Oct 20, 2020

Department of Defense

[CCDC-ARL MANUFACTURING TECHNOLOGY FOA](#)

Solicitation ID: W911NF-20-S-0011

Closing Date: Sep 30, 2023

[Future Scholars for Science, Technology, Engineering, and Mathematics \(STEM\) Workforce Development Programs](#)

Solicitation ID: FOA20AFRLRVKE0001

Closing Date: Jun 17, 2025

Department of Energy

[DE-FOA-0002336: RESEARCH AND DEVELOPMENT FOR ADVANCED WATER RESOURCE RECOVERY SYSTEMS](#)

Concept Paper due: 8/4/2020

Full Application due: 10/6/2020

[DE-FOA-0002324: BUILDING TECHNOLOGIES PROVING GROUND – PUBLIC SECTOR FIELD VALIDATION](#)

Concept Paper due: 7/27/2020

Full Application due: 9/28/2020

[DE-FOA-0002329: ASSISTING FEDERAL FACILITIES WITH ENERGY CONSERVATION TECHNOLOGIES \(AFFECT\) 2020](#)

Full Application due: 7/31/2020

NASA

[ROSES 2020: Solar Irradiance Science Team](#)

Solicitation: NNH20ZDA001N-SIST

NOI due: Aug 07, 2020

Proposal due: Sep 11, 2020

[Johnson & Johnson Women in STEM²D Scholars Program \(WiSTEM²D Scholars Program\)](#)

Eligibility: You must be an assistant female professor or global equivalent faculty position at the time of application at an accredited academic university, institution or design school.

Award: \$150K for three year;

Application: Sep 03 - Oct 03, 2020

[Microsoft AI for Earth](#)

GEO BON and AI for Earth: partnering with GEO BON to launch a new US\$1 million grant program for projects that monitor biodiversity and create Essential Biodiversity Variables.

AI for Earth Innovation Grant: support novel projects that use AI tools to address climate change or biodiversity challenges.

Proposals are accepted on a rolling basis and review them four times a year.

Application: July 06, 2020, Oct 05, 2020

CONFERENCE, WORKSHOP & MORE

**UNT Building the Research Enterprise and
Knowledge Sessions (BREAKS)**

BI-Weekly Zoom Discussions in July:

1. [Securing Institutional Data 101: What do you
need to know?](#)

Thu, 07/02/2020 - 4:00 - 5:00pm

2. [Research Interest Group Meeting CREEHS](#)

Mon, 07/13/2020 - 2:00 - 3:30pm

[Webinar for NSF IUSE: HER program](#)

**Program Overview with a Focus on Level 1
and Building Capacity Submissions, Including**

New to IUSE: EHR submissions

July 16, 2020 | 2:00 to 3:30pm

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

www.ninesigma.com