

## Limited Submissions Announcement

A limited submission opportunity is available from the National Science Foundation and has been posted to the [UTSA Limited Submission Opportunities webpage](#).

### **NSF Harnessing the Data Revolution (HDR): Data Science Corps (DSC)**

NSF's Harnessing the Data Revolution (HDR) Big Idea (see [https://www.nsf.gov/news/special\\_reports/big\\_ideas/index.jsp](https://www.nsf.gov/news/special_reports/big_ideas/index.jsp)) is a visionary, national-scale activity to enable new modes of data-driven discovery, allowing fundamentally new questions to be asked and answered in science and engineering frontiers, generating new knowledge and understanding, and accelerating discovery and innovation. The HDR vision is realized via a coordinated set of program solicitations resulting in an ecosystem of interrelated activities enabling (i) research in the foundations of data science; frameworks, algorithms, and systems for data science; and data-driven research in science and engineering; (ii) advanced cyberinfrastructure; and (iii) education and workforce development—all of which are designed to amplify the intrinsically multidisciplinary nature of the data science challenge. The HDR Big Idea will establish theoretical, technical, and ethical data science frameworks, and apply them to practical problems in science and engineering, and in society more generally.

The Data Science Corps is one of the components of the HDR ecosystem, focusing on building capacity for harnessing the data revolution at the local, state, national, and international levels to help unleash the power of data in the service of science and society. The Data Science Corps will provide practical experiences, teach new skills, and offer teaching opportunities, in a variety of settings, to data scientists and data science students. It will also strive to promote data literacy and provide basic training in data science to the existing workforce across communities.

As a first step in establishing the Data Science Corps, this solicitation focuses specifically on enabling participation by undergraduate students in the Data Science Corps, by supporting student stipends for participation in data science projects and supporting integration of real-world data science projects into classroom instruction.

### **Eligibility**

- The PI must be employed at the submitting institution.
- As a University accredited in, and having a campus located in the U.S., UTSA is eligible to submit to this program.
- An individual may participate in only one proposal as PI, co-PI, or Senior Personnel.

### **Application Limit**

Only one (1) proposal is permitted per organization.

### **Award Amount**

Awards will typically be in the range of \$1,000,000 to \$1,200,000 for 3 years.

## Limited Submissions Announcement

### **Cost Share Requirement**

Inclusion of voluntary committed cost sharing is prohibited.

### **Internal Evaluation Criteria**

The attached review matrix will be utilized for internal review/scoring. Pre-proposals should be responsive to these criteria.

### **Timeline**

Internal Notice of Intent Due (Preferred)	Limited Submission Application Due	Selection Notification	Application Due to Funder
November 28, 2018	December 5, 2018	December 20, 2018	February 4, 2019

### **[Limited Submission Application Instructions](#)**

#### **[Limited Submission Application](#)**

Questions? Please reference the [UTSA Limited Submission website](#) or contact [LimitedSubmissions@utsa.edu](mailto:LimitedSubmissions@utsa.edu)