

Limited Submission

Cybersecurity Innovation for Cyberinfrastructure

<https://www.nsf.gov/pubs/2017/nsf17528/nsf17528.htm>

WVU Internal Letter of Intent Due: January 23, 2017

Agency Full Proposal: Due: March 1, 2017

Synopsis

Advancements in data-driven scientific research depend on trustworthy and reliable cyberinfrastructure. Researchers rely on a variety of networked technologies and software tools to achieve their scientific goals. These may include local or remote instruments, wireless sensors, software programs, operating systems, database servers, high-performance computing, large-scale storage, and other critical infrastructure connected by high-speed networking. This complex, distributed, interconnected global cyberinfrastructure ecosystem presents unique cybersecurity challenges. Therefore, an increasing area of focus for NSF is the development and deployment of hardware and software technologies and techniques to protect research cyberinfrastructure across every stage of the scientific workflow.

CICI comprises two Program Areas outlined below:

1. Resilient Security Architecture for Research Cyberinfrastructure
2. Cybersecurity Enhancement

See solicitation link for more detail.

Total funding for the CICI program is \$8,500,000, subject to the availability of funds. Resilient Security Architecture for Research Cyberinfrastructure awards will be supported at up to \$1,000,000 total per award for up to three years. Cybersecurity Enhancement awards will be supported at up to \$1,000,000 total per award for up to two years.

WVU is limited to leadership on two CICI proposals, thus if you are interested in submitting for this solicitation, you must first submit an internal Letter of Intent (LOI). Depending on the response the Research Office may elect to run an internal selection process.

Internal LOI Instructions:

Email to: Deanna.Whorton@mail.wvu.edu with subject line: "NSF: CICI" by the above internal due date

To include:

- PI(s) and Departmental Affiliation (include any external partners)
- Specify which of the two program areas of CICI you are applying to
- 1-2 Paragraph description of your plans

Feel free to contact Sheena.Murphy@mail.wvu.edu with questions.