



**National Science Foundation Grant Support for
NSF REU SITE on
Research and Training Experience for Undergraduates
in the area of Secure Cloud Computing
at the
Missouri University of Science and Technology
(Formerly, the University of Missouri-Rolla)
Department of Computer Science**

PURPOSE

The purpose of this NSF REU SITE program is to train a total of 10 undergraduate students, beginning summer of 2015, in the area of Secure Cloud Computing.

RESEARCH

NSF REU students will conduct research in the Department of Computer Science under the guidance of faculty members supported by the PhD students. REU students will also have access to the laboratories and resources at Missouri S & T. Each student's research project will be determined based on the individual student and his/her background. Possible research project areas include:

- Access Control using Cloud
- Secure Data Management in Cloud
- Secure Query Processing in Cloud
- Scaling of Computation Time of a Secure Protocol using Cloud
- Secure Cloud Storage
- Scaling of Location Privacy using Cloud

STIPEND & BENEFITS

- Stipend of up to \$500 per week (for 10 weeks)
- An additional amount to cover all travel, room and food expenses will be paid.
- Each year the best student judged based on the project will be awarded a SFS fellowship if admitted as a PhD Student.

SELECTION CRITERIA

Good academic aptitude supported by GPA scores, and/or relevant experience. All students must be U.S. citizens or US permanent residents.

Note: Students may join NSF REU program at any level of their B.S. degree. Seniors are not eligible if their degree will be completed by Summer of 2015.

APPLICATION PROCEDURE

1. Apply using the form http://cs.mst.edu/department/NSF_REU.doc
2. Submit a copy of the application material to the Program Director listed below.
3. Submit transcripts.
4. Submit a resume.

CONTACT

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DEADLINES

Submit Application: 15th Feb. 2015
Inform Acceptance: 15th March, 2015
Final Acceptance from Students:
25th March, 2015

