BIGDatA REU Program @

NM STATE UNIVERSITY

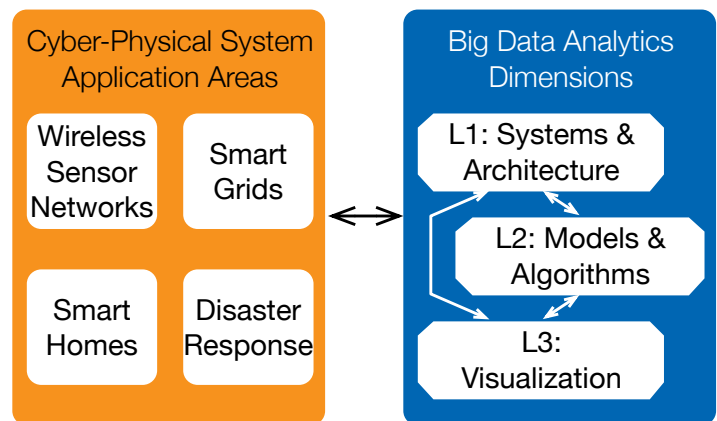BIG Data Analytics for Cyber-physical Systems

This BIGDatA REU program provides funded learning and research opportunities to undergraduates to pursue future academic and career goals in Computing, especially in big data analytics for cyber-physical systems.

FUNDING for the 10-week opportunity includes

‣ $5,000 stipend

‣ housing and meals

‣ roundtrip airfare to Las Cruces, NM

ACTIVITIES

‣ Creation of long-term partnerships among students.

‣ Enrichment through training workshops that develop research skills and prepare for graduate school.

‣ Visit companies and labs (Los Alamos National Lab, Sandia National Labs, White Sands Missile Range-Army Research Lab).

‣ Present research at conferences.

Cyber-Physical System Application Areas

- Wireless Sensor Networks
- Smart Grids
- Smart Homes
- Disaster Response

Big Data Analytics Dimensions

- L1: Systems & Architecture
- L2: Models & Algorithms
- L3: Visualization

Research projects will involve combinations of Application Areas and Analytics Dimensions

APPLICATION

Eligibility: must be U.S. citizens, U.S. nationals, or permanent residents of the United States.

Application: http://www.cs.nmsu.edu/reu/

Inquiries: reu@cs.nmsu.edu

DEADLINE: March 15, 2016

NSF