



NSF Campus Cyberinfrastructure PI and Cybersecurity Innovation for Cyberinfrastructure PI Workshop

October 3-4, 2017 | Albuquerque NM

NSF Program: ACI

Award Number: 1541338

Program Area: CC*DNI Networking Infrastructure

PI: Dr. Scott F. Midkiff

co-PI: Dr. Terry L. Herdman

Project Title:

A Campus Research Network and Distributed Science DMZ

Project Goals:

- Goal 1: Transform the scope and scale of research on campus via providing 10 Gbps connections to many laboratories and offices.
- Goal 2: Make sustained 10 Gbps ubiquitous between local and national resources.
- Goal 3: Eliminate data-related barriers to curiosity-driven research which often seeds funded research projects.



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CC*DNI Networking Infrastructure: A Campus Research Network and Distributed Science DMZ

NSF Award 1541338

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Project Goals

- Goal 1: Transform the scope and scale of research on campus via providing 10-Gbps connections to many laboratories and offices.
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Status

- Proposed
 - 8 buildings
 - 10-Gbps uplink from access switches
 - General accessibility via “data kiosk”
- Completed
 - 9 buildings, 19 locations
 - 40-Gbps uplink from access switches
 - Data kiosk has seen usage
- In process
 - Four more locations in 4 buildings
 - RFP solicitation for more locations

Network Design

