



# NSF Campus Cyberinfrastructure PI and Cybersecurity Innovation for Cyberinfrastructure PI

## Workshop

October 3-4 | Albuquerque, New Mexico

**NSF Program (either CC or CICI): CC\***

**Program Area: CI Engineer      Award Number: 1541287**

**PI: Michael D. Erickson**

**co-PIs:** Dr. Phil Romig III; Dr. Timothy Kaiser

**CIE:** Matthew Ketterling

**Project Title:** CC\*DNI Engineer: Enabling Research Support Services



**Michael D. Erickson**  
Chief Information Officer  
Colorado School of Mines  
[erickson@mines.edu](mailto:erickson@mines.edu)



**Dr. Phil Romig III**  
Director, CCNI  
Colorado School of Mines  
[promig3@mines.edu](mailto:promig3@mines.edu)



**Dr. Timothy Kaiser**  
Director, High Performance Computing  
Colorado School of Mines  
[tkaiser@mines.edu](mailto:tkaiser@mines.edu)



**Matthew Ketterling**  
Cyberinfrastructure Engineer  
Colorado School of Mines  
[mketterling@mines.edu](mailto:mketterling@mines.edu)



NSF Campus Cyberinfrastructure PI and  
Cybersecurity Innovation for Cyberinfrastructure PI Workshop  
October 3-4, 2017 | Albuquerque, NM

---

**Quad Chart for:** CC\*DNI Engineer: Enabling Research Support Services

**Approach:**

- Creation of CIE role
- Integrated engagement w/ researchers
- Increased utilization of existing CI
- Actively managing research data
- Treating data as an institutional asset
- Utilization of Institutional Repository
- Increase awareness of researchers



**Scientific Impact or Broader Impact:**

- Strengthening of institutional Cyber-Infrastructure
- Empower researchers to better collaborate with scientific communities
- CIE collaboration in the developing profession
- Treatment of research data / results as institutional asset

**Solution(s) or Deliverables:**

- Building relationships across the university
- Creation of robust service catalog for research community
- Storage options for researchers
- Establishment of DMP process
- Increased utilization of existing campus cyberinfrastructure

**Metadata tag(s):**

- Cyberinfrastructure Engineer
- Cyberinfrastructure development
- Researcher engagement
- Research collaboration
- Data Management
- University partnerships

