



# NSF Campus Cyberinfrastructure PI and Cybersecurity Innovation for Cyberinfrastructure PI Workshop

October 3-4 | Albuquerque, New Mexico

**NSF Program: CC\***

**Program Area: CC-NIE**      **Award Number: 1659297**

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**Project Title:** *Cyberinfrastructure Empowerment for Diverse  
Research, Scholarship, and Workforce Development (CI Empower)*

## Project Goals:

- Addresses an under-investment by NSF in campus cyberinfrastructure at HBCUs.
- Develop a regional, long term empowerment model that will have a permanent impact on each institution's research capacity
- Technology transfer of best practices among campuses and also with the broader NSF-funded CI communities.



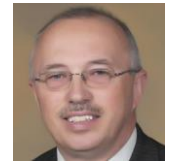
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## *Cyberinfrastructure Empowerment for Diverse Research, Scholarship, and Workforce Development (CI Empower)*

### **Challenge:**

- The NSF's investments in campus cyberinfrastructure (CI) have significantly increased research capacity at many institutions
- Out of 5 major HBCUs none has received ACI division funding since 1975
- Lack of investments hamper these institutions on next generation technology and hands-on experience for the future workforce and research environments.

### **Deliverables:**

- Develop a campus cyberinfrastructure strategic plan and expertise for each campus, tailored to HBCU campus environments.
- Hire research scientists CI expert with knowledge matching campus requirements.
- Diversify institutions and personnel who have cyberinfrastructure expertise, the project can diversify the ACI-REF and CI expert community.

## *CI Empower*

### **Broader Impact:**

- Develop a per-campus CI outreach and engagement plan
- Leverage existing funding to host CI workshops
- Grow the collaboration into a leadership team capable of leading other HBCUs, MSIs

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### **Team:**

- *South Carolina State University*
- *Clafin University*
- *Jackson State University*
- *Morgan State University*
- *Clemson University*

### **Other Partners:**

- *Open Science Grid*
- *Southeastern Universities Research Association (SURA/XSEDE)*
- *University of Wisconsin (CHTC)*