



NSF Campus Cyberinfrastructure PI and  
Cybersecurity Innovation for Cyberinfrastructure PI Workshop  
October 2-4, 2017 | Albuquerque, NM

**NSF Program: Campus Cyberinfrastructure (CC\*)**

**Program Area: Regional    Award Number: 1644335**

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co-PI: Jen Leasure, The Quilt

**Project Title:** NSF Campus Cyberinfrastructure and  
Cybersecurity Innovation for Cyberinfrastructure PI Workshop

**Project Goals:**

- Develop strong ties between campus cyberinfrastructure, science driven applications and regional and national cyberinfrastructure resources.
- Promote dialogue in the networking community across a range of important and timely topics in campus networking, including the larger context of campus cyberinfrastructure.
- Discuss how to systematically evaluate and assess the impact of the investments in cyberinfrastructure, particularly at the campus level.



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

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## Challenge:

- Develop a set of leadership activities that will improve the ability of colleges and universities throughout Pennsylvania to better understand and utilize their network infrastructure to support cyberinfrastructure based scientific applications and research on their campuses.

## Solution:

- Provide a set of coordinated activities that support underlying research activities across Pennsylvania's educational campuses and help institutions of higher education, especially the smaller and more rurally located, to disseminate advanced networking techniques.



**CC\* Award # 1440699 CC\*IIE Region: Accelerating the Adoption of Campus Cyberinfrastructure Technologies in Pennsylvania**

G. Huntoon, P. Campbell, M. Carey (KINBER)

## Scientific Impact:

- Identifying research and education science application drivers; technical support for the identification and design for appropriate campus cyberinfrastructure; advice on collecting application requirements including current network performance and identifying bottlenecks within the campus environment; and, identifying external cyberinfrastructure resources.
- Integrate discussion and information associated with the strategic role cyberinfrastructure has in supporting research and education applications in Pennsylvania into its everyday activities.

## Broader Impact:

- KINBER's ongoing support for proposal preparation and submission has helped not only lower the barrier for entry in receiving funding from federal agencies such as the NSF, but has also pointed out some of the difficulties small or under-resourced colleges or universities have in preparing and submitting proposals.