NSF Program: CC

Program Area: **Network Design**   **Award Number: 1925632**

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Project Title: Sun Corridor Network Arizona Community College Research Expansion

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Quad Chart for: Sun Corridor Network Arizona Community College Research Expansion

Challenge Project Seeks to Address:

Research and specialized network connectivity at Arizona community colleges are limited and generally unavailable to academic or to specialized technical programs. This project connects one of the nation's largest community college systems and the northern NAU collaborator to the Sun Corridor Network.

Deliverables:

NAU and SCN will improve campus network performance, increasing external connectivity to each campus by connecting them to SCN as a regional aggregator

By building new collaborations and by expanding connectivity, NAU and SCN improve undergraduate science and technical instruction for over 200,000 students in the Phoenix metropolitan area and northern Arizona.

Broader Impact:

The network expansion advances the use of science-oriented workflows, high performance computing in undergraduate research, instrument sharing, STEM education, and homework gap connectivity and introduces wide area and campus networking capacities that align with cybersecurity academic requirements.

Arizona State University
Chandler Gilbert Community College
Coconino Community College
Estrella Mountain Comm College
Northern Arizona University
Phoenix College
University of Arizona

https://sites.google.com/nau.edu/nsf-scn/home

https://www.nsf.gov/awardsearch/showAward?AWD_ID=1925632