



MS-CC

Strategic CI Panel: Building Research Capacity through Strategy, Security & Faculty–IT Partnership

Moderator: Jennifer Kim, MS-CC

Panelists:

Lethia Jackson, *Bowie State*; Glen McLachlan, *CAAREN*; Jennifer Oxenford, *Keystone REN*; and Dr. Ali Al-sinayyid, *West Virginia State University*

Dr. Lethia Jackson



- Bachelor of Science (BS), Master of Science (MS) and Doctor of Science (DSc) degrees in Computer Science
- Senior Academic Leader & Technology Educator
- Professor, Department of Technology & Security, Bowie State University
- Expertise in Cybersecurity, AI, and Quantum Computing
- Principal Investigator on multiple NSF and NIH-funded initiatives
- Advocate for student success, workforce development, and inclusive STEM education
- Passionate about bridging theory and practice through **hands-on, experiential learning**

Introduction



WEST VIRGINIA STATE
UNIVERSITY

CyberSecurity Innovation Center

- Ali Alsinayyid(PhD)
West Virginia State University
- Director of the Cybersecurity
Innovation Center



**\$1Million Google
Cybersecurity Clinic
March 2025**



CyberSecurity Clinic



**WEST VIRGINIA STATE
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CyberSecurity Innovation Center

with support from



**Conducting
Cybersecurity Evaluation
to 27 Entities in WV
SB, NPO and CI**



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CyberSecurity Innovation Center



About KeystoneREN...



KeystoneREN

Research • Education • Network

KeystoneREN, LLC, is a subsidiary of KINBER established on Aug. 8, 2023.

The driving focus of KeystoneREN is to advance research and education networks and advance connectivity and cyberinfrastructure empowering communities across the state.

Our core competencies are advanced networking, R&E cyberinfrastructure, and R&E cybersecurity.

KeystoneREN is the only statewide Research and Education Network in Pennsylvania.

Currently connects 40+ organizations to Internet2 (including four of PA's R1s) but the majority are smaller, lesser resourced educational institutions.

KeystoneREN Connected Campuses

- Bucks County Community College
- Commonwealth University (Bloomsburg, Lockhaven, Mansfield)
- Carnegie Mellon University
- Cheyney University
- Community College of Philadelphia
- Duquesne University
- East Stroudsburg University
- Edinboro University
- Franklin & Marshall College
- Geisinger
- Harrisburg Area Community College
- Indiana University of Pennsylvania
- Jefferson University
- Lafayette College
- La Salle University
- Lehigh University
- Kutztown University
- Lehigh Carbon Community College
- Marywood University
- Millersville University
- Montgomery County Community College
- Muhlenberg College
- Northampton Community College
- Penn Highlands Community College
- Penn State University
- Reading Area Community College
- Susquehanna University
- Thaddeus Stevens College
- Thiel College
- Ursinus College
- University of Pittsburgh
- University of Scranton
- Shippensburg University
- Slippery Rock University
- Villanova University
- Westminster College



KeystoneREN

ASN 399855 - Internet2
ASN 401602 Commodity

Internet2
R&E Routes

Internet2
I2PX

Internet2
Cloud
Connect



I2RE AS11537
I2PX AS11164

100G



I2RE AS11537
I2PX AS11164

100G



Pittsburgh



State College



Philadelphia

100G

100G

100G

KeystoneREN
PA Science
DMZ

Keystone
Member
Exchange

ASN 399855

ASN 401602

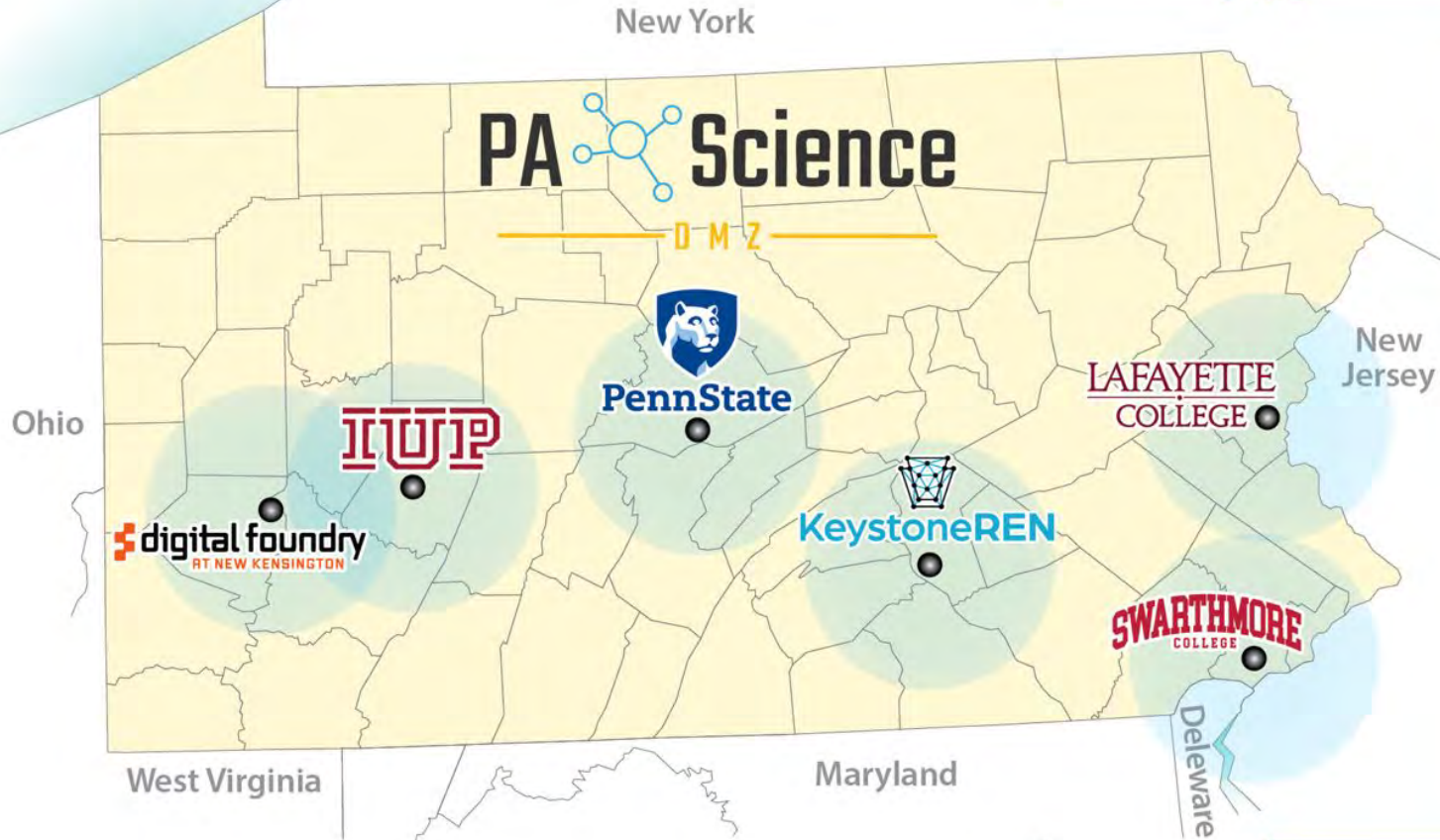
Blended Core Network

Commodity
Internet

Commodity
Internet

NSF PA-DMZ

PA Science
DMZ



Upcoming Training Events/Opportunities

KINBERCON 2025 - KeystoneREN Advanced Cyberinfrastructure Track

October 16-17, 2025

Lancaster, PA

<https://www.kinbercon.org/>

**SPECIAL
GUEST**

Use Code SPECIAL GUEST for comp reg
as an MS CC Workshop Attendee

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