

NCYTE CENTER

National Cybersecurity Training & Education Center

Advancing cybersecurity education for tomorrow's workforce.

Autonomous & Semi-Autonomous Systems

Host

Stephen Miller

Professor and Director Cybersecurity Center of Excellence

Eastern New Mexico University – Ruidoso

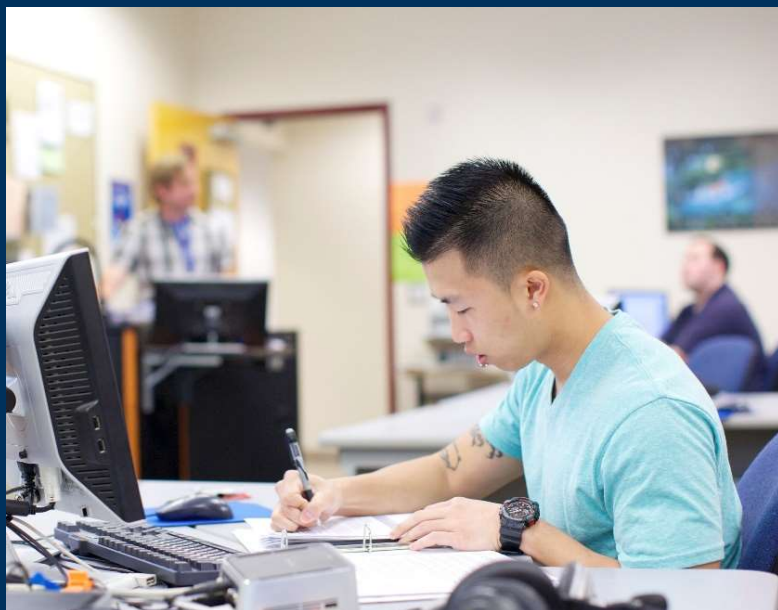
Co-PI National Cybersecurity Training & Education Center



The National Cybersecurity Training and Education Center (NCyTE) is funded by the National Science Foundation (NSF) grant #2054724.

Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.

Welcome!



- Introduce yourself in the chat.
- Keep your microphone on mute when the presentation begins.
- Use chat to ask questions.
- More time for questions at the end of the presentation.
- Today's recording will be posted on NCyTE.net.



The NCYTE Center Presents



Cybersecurity Apprenticeship Panel

**May
19**

**9:00 AM
PACIFIC TIME**

Moderator:

- Dr. Costis Torgas | Director | Cyber Security and Privacy Research Institute | The George Washington University

Panelists:

- Tobi West | Professor | Technology Department Chair at Coastline Community College
- Richard Braden | Managing Director of Technology Apprenticeships, Strategic Workforce Development CompTIA, Inc.
- Kimberly Hague | Business Liaison | US Department of Labor | Office of Apprenticeship
- Abigail Allen | Apprenticeship & Training Program Specialist | US Department of Labor | Office of Apprenticeship



The NCYTE Center Presents



**June
16**

**9:00 AM
PACIFIC TIME**

MAX Power Lab Demo

Christopher Simpson
National University

MEMBERSHIP

Membership Information

Membership Applications

NCyTE Member Map

Monthly Membership Meetings



Welcome to NCyTE!

Advancing cybersecurity education for tomorrow's workforce.



NCyTE Membership



- 414 member institutions
- 45 states & one US territory
- 7,500+ individual contacts

Membership benefits!

- Free curriculum resources
- Conference and Workshop opportunities for professional development
- Cybersecurity Centers of Academic Excellence (CAE) support
- Student opportunities to participate in competitions
- Access to a growing cybersecurity network!



CRITICAL INFRASTRUCTURE
CYBERSECURITY COURSE



CYBERCAMP



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Zackary Nicklin

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Co-Principal Investigator, National Center for Autonomous Technologies (NCAT)
Northland Community and Technical College



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Autonomous Technologies and the Role of Cybersecurity

21 April 2023



NORTHLAND
COMMUNITY & TECHNICAL COLLEGE

Zackary Nicklin

Co-Principal Investigator, National Center for
Autonomous Technologies (NCAT),
Northland Community & Technical

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Autonomous Technologies - Context is Important

Advanced
Traditional Fixed &
Rotary Wing
Aircraft



AAM
UAM – eVTOL



Autonomous
Underwater Vehicle



UAS – Small/BVLOS

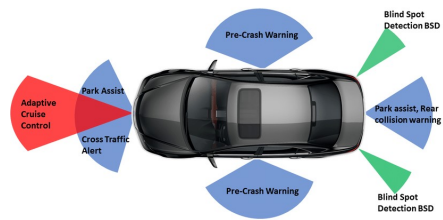


LUCA



Emerging Technologies - Context is Important

Driverless Passenger Vehicles



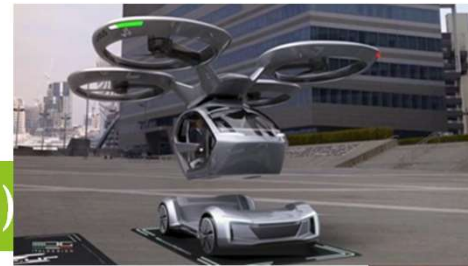
Autonomous Tugs



AAM Aircraft in Development

Italdesign-Airbus PopUp (concept/development)

- <https://www.youtube.com/watch?v=L0hXslrvdmw>



Joby Aviation S4 (flying - certification testing)

- https://www.youtube.com/watch?v=3Kb1_pkxtHc



Vertical VX4 (Development)

- https://www.youtube.com/watch?v=FmuTM_80_qI



Jetson ONE (Flying)

- <https://www.youtube.com/watch?v=FzhREYOK0oo&t=19s>



Archer MAKER (Flying)

- <https://www.youtube.com/watch?v=IN0MK2PHgEo>





Q & A

Thank you for attending today's meeting!

Let us know how we are doing.

Survey responses are anonymous
and collected by our external
evaluator.



https://bit.ly/NCyTE_Survey