

SPACE SYSTEMS COMMAND

CHIRP

CYBER HALO INNOVATION RESEARCH PROGRAM

Cybersecurity Talent Pipeline and Educational Outreach



The Space Systems Command (SSC) Cyber Halo Innovation Research Program (**CHIRP**) was established as a partnership between industry and higher education to drive innovation and create a diverse pipeline of talent in cybersecurity for SSC and beyond.

There is a crucial need to grow our cybersecurity workforce talent, particularly in the space systems. **CHIRP** is a collaboration between SSC, Pacific Northwest National Laboratory (PNNL), selected minority serving institutions and industry partners that offers underserved and underrepresented populations of students access to a unique, two-year college-to-career program opportunity.



Pacific Northwest
NATIONAL LABORATORY

**THE WORLD IS CHANGING.
ARE YOU READY?**

The World is Changing. Are We Ready?

Partner organizations play a vital role in the success of **CHIRP** through their support of research and other internship opportunities. These partnerships are vital in helping develop a diverse future workforce for cybersecurity. Our goal is to create partnerships that help open pathways for student researchers in areas, such as:



Artificial intelligence
Computer science
Continuity of operations
Cyber analysis
Cyber policy
Data analytics
Data architecture

Incident response
Information technology
Intelligence (national security)
Machine learning
Network security
Other cybersecurity-related fields
Security software development

Students Today. Experts Tomorrow.

Students who participate in CHIRP embark on a two-year journey that equips them to grow in their cybersecurity area of interest through professional development opportunities, networking, and hands-on research experiences. This opportunity opens future career choices for these student researchers as they fill cybersecurity roles in SSC and beyond. Each step of the way, partner organizations play a critical part in making this program possible.

Ready to Learn More?

For more information and to discuss becoming a partner, please email:

CHIRP@PNNL.GOV