

DOD, IUP, AND MC3 PROUDLY PRESENT:

CYBERSECURITY

WORKSHOP

FOR STUDENTS AND FACULTY

APR 26 & MAY 3, 2025

WORKSHOP DETAILS

- 9:00 AM to 3:00 PM
- Guest speaker presentations by security experts!
- Students: earn a Raspberry Pi Starter Kit!
- Faculty: earn a \$600 stipend!



SPACE IS LIMITED, REGISTER TODAY!

Visit bit.ly/mc3-workshop to register or visit www.iup.edu/dodscholarship for more details!

PARTICIPATION BENEFITS

Offered at no cost!

**Student participants
receive a Raspberry Pi 5
Starter Kit!**

**Faculty participants
receive a \$600 stipend!**

**Learn important
technical skills and gain
knowledge in a growing
career field!**

REGISTER TODAY!



bit.ly/mc3workshop

WORKSHOP DETAILS

APR 26 & MAY 3, 2025

This two-day workshop will be offered virtually over two consecutive Saturdays.

Please visit

www.iup.edu/dodscholarship

for more information

PROJECT LEADERSHIP

Dr. Waleed Farag

Director, IUP Institute for
Cybersecurity

Dr. Xinwen Wu

Associate Professor, Univ. of
Mary Washington

PROJECT SPONSORSHIP



U.S. Department of Defense



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PROUDLY PRESENTED BY THE US
DEPARTMENT OF DEFENSE,
INDIANA UNIVERSITY OF
PENNSYLVANIA, AND
MONTGOMERY COUNTY
COMMUNITY COLLEGE

DOD CSA AND CAPACITY BUILDING PROJECT OVERVIEW

US Dept. of Defense Cyber Service Academy (CSA)

The DoD CSA is a federally supported program to encourage the recruitment of cyber talent to support our nation's infrastructure. Under the leadership of the Program Director, Dr. Waleed Farag, IUP and other select national universities have been awarded funding in the 2024-2025 academic year in support of the Cyber Service Academy.

DoD CSA Capacity Building Project

In addition to the scholarship recruitment award, IUP received funding for a capacity building project to reach community college students and faculty across Pennsylvania.

The goal of this project is to find additional ways to recruit more students to enter the cybersecurity workforce. This goal will be achieved through a unique blend of student and faculty development, hands-on workshops, and continued cultivation of relationships with local community colleges. As a result, this project will hold a number of workshops at surrounding community colleges.

Visit www.iup.edu/dodscholarship for details.

Workshop Activities

Introduction to the CSA Scholarship Program

Hands-on activities using the Raspberry Pi

Guest speaker presentations by security experts

Hands-on message authentication activities

Real-world security breach and defense war stories

And much more!

PROUDLY SPONSORED BY DOD, IUP, AND MC3

CYBERSECURITY WORKSHOP

EVENT SCHEDULE

SATURDAY, APRIL 26, 2025

9:00 AM TO 9:10 AM

INTRODUCTION AND WORKSHOP LOGISTICS

Dr. Xinwen Wu, Associate Professor, University of Mary Washington

9:10 AM TO 11:50 AM

BEHIND THE BREACH: WAR STORIES AND PRACTICAL DEFENSES

Mr. Jon David, Managing Director and Co-founder, NR Labs

12:35 PM TO 3:00 PM

MESSAGE AUTHENTICATION AGAINST NETWORK ATTACKS

Dr. Xinwen Wu, Associate Professor, University of Mary Washington

SATURDAY, MAY 3, 2025

9:00 AM TO 9:30 AM

CREATING A MODEL CYBERSECURITY ECO-SYSTEM IN WESTERN PA TO STRENGTHEN THE NATIONAL CYBER WORKFORCE

Dr. Waleed Farag, Director, IUP Institute for Cybersecurity

9:30 AM TO 11:50 AM

PROACTIVE CYBER DEFENSE UTILIZING CYBER INTELLIGENCE

Mr. Vince Peeler, Community Faculty, Metro State University

12:35 PM TO 3:00 PM

RASPBERRY PI IN CYBERSECURITY

Dr. Xinwen Wu, Associate Professor, University of Mary Washington

PRESENTERS



Mr. Jon David



Dr. Waleed Farag



Mr. Vince Peeler



Dr. Xinwen Wu