VICEROY NORTHWEST INSTITUTE FOR CYBERSECURITY EDUCATION AND RESEARCH

CySER Virtual Seminar

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EECS, WSU

CyberCorps Scholarship for Service Program at WSU: Developing the Next-generation Cyber Workforce

Feb. 25, 2025, 1:10 – 2 PM Pacific

Team Link: Click here to join the meeting
Meeting ID: 273 880 910 184 | Passcode: SH967kr6
Call in (audio only) +1 509-498-6399 | Phone Conference ID: 524 349 114#

Abstract:

Washington State University has recently been awarded a five-year grant from the National Science Foundation (NSF) to establish a **CyberCorps Scholarship for Service** (SFS) program within the School of Electrical Engineering and Computer Science that will educate and train cohorts of undergraduate and graduate students in cybersecurity. The SFS program provides full tuition scholarships and living stipends for up to three years. In return for their scholarships, recipients commit to work for the U.S. Government after graduation in a position related to cybersecurity for a period equal to the length of the scholarship. This seminar will introduce the WSU SFS program to prospective applicants, highlight the benefits the program offers, discuss eligibility requirements, provide details on commitments, and give an overview of the training and experiential learning opportunities participants will receive in key cybersecurity research areas, including artificial intelligence, cyber-physical systems, cryptography, post-quantum security, and hardware security.

The CyberCorps SFS national program is designed to recruit and train the next generation of cybersecurity professionals to meet the needs of the cybersecurity mission of federal, state, local, and tribal government organizations in the U.S. It is managed by NSF in collaboration with the Office of Personnel Management (OPM) and the Cybersecurity and Infrastructure Security Agency (CISA).

Bio:

Assefaw Gebremedhin is an associate professor in the School of Electrical Engineering and Computer Science (EECS) at Washington State University, where he leads the Scalable Algorithms for Data Science Lab. He is the Principal Investigator (PI) of the WSU SFS program and the Lead PI and Director of the VICEROY CySER Institute. He received an EECS Outstanding Program Leadership Award for contributions to cybersecurity in 2024, the George Polya Prize in Applied Combinatorics in 2021, and an NSF CAREER Award in 2016. He is also a recipient of the 2022 Reid Miller Teaching Excellence Award from the Voiland College of Engineering and Architecture. His current research interests include data science, AI, cybersecurity, high-performance computing, and applications in bioinformatics, health informatics, and energy systems.

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