NSF • Air Force Research Laboratory • PURDUE UNIVERSITY • THE UNIVERSITY OF NEW MEXICO

Get information and apply here:

Cyber-Physical Systems
Summer Intensive Research Internship

Creating Technology to Help People

May 28–July 28 Summer 2024

Applications
Open: December 8, 2023
Deadline: February 9 , 2024

COMPETITIVE STIPEND • HOUSING & MEAL PLAN • TRAVEL ALLOWANCE

Program Description

What
- Introduces students to cyber-physical systems (CPS)
- Promote inclusive academic research environments in CPS
- Encourage student participation in graduate programs or employment in CPS-related fields

Who
- Sophomores, juniors, and seniors interested in CPS-related fields and in diversity & inclusivity
- Underrepresented students are particularly encouraged to apply

Where
- Students will conduct research in pairs at Purdue University

Why
- Develop basic research skills
- Obtain exposure to state-of-the-art research and engineering facilities
- Acquire preparation for graduate school
- Learn about professional and research opportunities in CPS

Projects
- Learning for control for autonomous systems
- Measuring human trust in autonomous systems
- Deep learning for robotic navigation
- Psychophysiological sensing of human workload and attention
- Improving self-driving cars for older adults

Fields of Study
- Computer Science
- Mathematics
- Statistics
- Electrical Engineering
- Mechanical Engineering
- Aerospace Engineering
- Computer Engineering

For more information and to apply:
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