



PURDUE
UNIVERSITY

NM
THE UNIVERSITY OF
NEW MEXICO

Get info and
apply here:



Cyber-Physical Systems

Summer Intensive Research Internship

Creating Technology to Help People



**June 1–July 30
Summer 2021**

Applications

Open: January 1, 2021

Deadline: February 15, 2021



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:

autonomy.unm.edu

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