SUMMER INTENSIVE RESEARCH INTERNSHIP
CYBER-PHYSICAL SYSTEMS
Creating Technology to Help People

June 1–July 24
SUMMER 2020

Applications
Open: Jan. 1
Deadline: February 15

PROGRAM DESCRIPTION

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

WHAT
- Introduce students to cyber-physical systems (CPS)
- Promote inclusive academic research environments in CPS
- Encourage student participation in graduate programs or work in CPS related fields

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

Competitive Stipend
Travel Allowance

More information and how to apply at:
autonomy.unm.edu
email: carolj@unm.edu

COMPUTER SCIENCE
ELECTRICAL ENGINEERING
STATISTICS
MATHEMATICS
INDUSTRIAL ENGINEERING
AEROSPACE ENGINEERING
MECHANICAL ENGINEERING
COMPUTER ENGINEERING