

UCLA Institute for Pure and Applied Mathematics presents

SUMMER 2022

# RIPS!

Research in Industrial Projects for Students

June 21 - August 19, 2022



## Summer in Los Angeles

The Research in Industrial Projects for Students (RIPS) - Los Angeles program provides an opportunity for talented undergraduates studying math, computer science, and related disciplines to work in teams on real-world research projects proposed by sponsors from industry or the public sector. The student team, with support from their academic mentor and industry mentor, will research the problem and present their results, both orally and in writing, at the end of the program.

## Projects

RIPS projects involve serious math and computing. Past projects have involved space mission design, crime modeling, machine learning, weather forecasting, digital image blending, quantum computing, finance, and more!

## Benefits

Round-trip travel to Los Angeles and accommodations at UCLA are included. Students will also receive a meal allowance and a generous stipend.

## Sponsors

Past sponsors include:

- ▶ The Aerospace Corporation
- ▶ Air Force Research Laboratory
- ▶ AMD
- ▶ Google LA
- ▶ GumGum
- ▶ HRL
- ▶ Lawrence Livermore National Lab.

**APPLICATION DEADLINE: FEBRUARY 14, 2022**



[www.ipam.ucla.edu/rips](http://www.ipam.ucla.edu/rips)