

Summer 2021

Research Experiences for Undergraduates in Smart & Connected Communities



This REU Site is funded by the National Science Foundation and hosted at Texas State University – San Marcos



Recruiting 10 motivated undergraduate students to conduct research in the area of Smart & Connected Communities (S&CC) for 10 weeks over the summer of 2021

Research overview

The main research theme of this opportunity is in the emerging area of Smart & Connected Communities (S&CC), the essential building blocks of smart cities. Here are few example applications:

- Development of models, mechanisms and tools for smart human-environment interactions and protection of smart infrastructure.
- Data collection and analysis to promote health and well-being of citizens in urban settings.
- Novel scheduling and monitoring methods for intelligent transportation systems.

Benefits:

- ✓ Learn how to conduct research.
- ✓ Gain hands-on experience in robots, sensors, data collection and analysis, simulation experiments, and intelligent applications.
- ✓ Participate in various activities (e.g., seminars, tutorials, picnics, etc..).
- ✓ Learn how to write research papers and present your work.
- ✓ Visit nearby hi-tech companies (e.g., IBM, Google).

Other benefits include:

- \$6000 stipend
- Travel support (up to \$600)
- Housing and meals included

Important dates:

Application due.....Feb 28, 2021
Notification.....Mar 19, 2021
Program starts.....May 31, 2021
Program ends.....Aug 6, 2021

Must be a U.S. citizen or a permanent resident

For more information and to apply:

<http://reuscc.wp.txstate.edu/>