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

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

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

For more information and to apply:
http://reuscc.wp.txstate.edu/