

FACULTY MENTOR

Patrick Mercier

PROJECT TITLE

Low-Power Wireless Communication Systems

PROJECT DESCRIPTION

We will be exploring next-generation ideas to enable backscatter communication with WiFi, Bluetooth, and other devices in a super low-power manner.

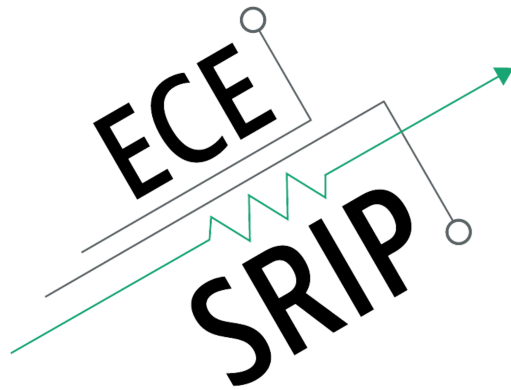
This project will be in person.

INTERNS NEEDED

2 Students

PREREQUISITES

- Discrete circuit design, integrated circuit design, and/or embedded systems design experience



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PROJECT TITLE

Multi-Modal Wearable Sensors

PROJECT DESCRIPTION

The Center for Wearable Sensors at UCSD is interested in building new multi-modal sensor technologies that can track a suite of multiple interesting parameters. We are looking for students who can support the electronics for such designs.

This project will be in person.

INTERNS NEEDED

2 Students

PREREQUISITES

- Embedded systems design, PCB design