**FACULTY MENTOR**
Patrick Mercier

**PROJECT TITLE**
Wearable Physiochemical Sensor Technologies

**PROJECT DESCRIPTION**
Description: We are building wearable microneedle lab-on-skin platforms that can sense physiochemical properties in human tissue in real time. We require research and development of next-generation electronics, software applications, and more.

This project will be in person.

**INTERNS NEEDED**
1 Student

**PREREQUISITES**
1. PCB design experience and/or embedded system design
**FACULTY MENTOR**
Patrick Mercier

**PROJECT TITLE**
Ultra-Low-Power Wireless Communication Circuits

**PROJECT DESCRIPTION**
Description: Next-generation IoT devices require ultra-low-power connectivity. Help us design the next-generation of Wi-Fi backscatter systems, Bluetooth Low Energy circuits, NB-IoT systems, and so on.

This project will be in person.

**INTERNS NEEDED**
2 Students

**PREREQUISITES**
1. Circuit design experience. Strongly recommend as many of these courses as possible: ECE265, 166, 164, 166