

Initiative to Stimulate Collaborative Student Research

Internal Grants Program

The Institute for Sensing and Embedded Network Systems Engineering (I-SENSE), through FAU's Division of Research, is pleased to announce a new funding program designed to support collaborative student research projects.

Proposals are sought from student teams to engage in multidisciplinary efforts that have the potential for significant societal impact. These collaborations should align with FAU's activities and ambitions in the Sensing and Smart Systems Pillar. Applicants are encouraged to review FAU's Strategic Plan, as well as information on the Institute for Sensing and Embedded Network Systems Engineering, which coordinates FAU's activities in Sensing and Smart Systems.

The most important outcome of a successful project funded through this program will be the demonstration of a well-documented application, system, or device prototype that has the potential to significantly benefit society. Successful teams will receive up to \$1,500 for materials, supplies, software licenses, and other services to support their projects. Successful teams will conduct their projects in the Sensing and Smart Systems Innovation Laboratory (EE-212), with access to all available facilities. Mentoring and engineering support will also be provided through I-SENSE.

The total funding available under this program is \$10,000. While the number and value of awards made under this program will depend on the quality of submissions received, up to seven awards are anticipated. This call is open to all actively enrolled undergraduate and graduate students. Proposals involving students from multiple academic units are strongly encouraged. The selection criteria will emphasize the novelty of the proposed project, the likelihood of impact, and the potential for the proposing team to develop the technical foundation and organizational structure necessary to execute their vision in a six-month timeframe.

The review process will be coordinated through I-SENSE. Applicants are asked to submit (1) a short narrative, not to exceed 3 pages (not including references), using the attached application template; (2) resumes for team members; (3) an itemized budget; and (4) a budget justification.

Proposals should be submitted to Andrea Gonzalez (agonzalez@fau.edu) by 5:00pm on March 16th, 2018. Late or incomplete proposals will be returned without review. Funding decisions will be announced on or before March 30th, 2018. The project period will begin on April 2nd, spanning six months, concluding with a technical presentation and demonstration showcasing the project.

Questions about this program may be directed to Jason Hallstrom (jhallstrom@fau.edu) or Andrea Gonzalez (agonzalez@fau.edu).

Project Title

Descriptive Project Title

Project Team

- Name, Lead, email address, department
- Name, Co-Lead, email address, department
- (other personnel, optional)

Introduction and Objectives

This section should address the following:

- The motivation for the proposed application, system, or device
- The project's alignment with the Sensing and Smart Systems pillar
- The novelty of the proposed work
- The potential impact of the proposed work

Project Plan

This section should address the following:

- The technical plan for the proposed work
- The anticipated outcomes of the proposed work
- The project schedule

Project Team

This section should address the following:

- The expertise of the project team
- The role of each team member
- Prior collaborations, if any