Undergraduate Research and Innovation
Student Seed Grant
Proposal Guidelines

Deadline: February 25, 2019
Presentation: URI Workshop, March 12, 2019; 2.00 PM to 5.30 PM
Maximum 5 pages (excluding the cover page; one inch margin all sides with 12 point font)

A cover page is required and needs to include the following information:

Title of Project

Categorize your proposal:

Which Phase is the Proposal?

- [ ] Phase-1
- [ ] Phase-2

Which Track is the Proposal?

- [ ] Track-1: Technology/Product Development and Innovation
- [ ] Track-2: Application-Based Research

Type of Project?

- [ ] Energy Monitoring
- [ ] Architecture and Design
- [ ] All Others

Proposed by:

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<th>Student Name</th>
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<td>(Freshman/Sophomore/Junior/Senior*)</td>
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*Note: Seniors are only eligible if they are a rising senior at the time of the application or have at least two additional full semesters to work on the project. Students are required to present the progress report and the final presentation to the board in the following semester(s). Seniors need to list their graduation date.

Faculty Advisor Information
Faculty Advisor Name, Department, and Email
Phase 1 Proposal Requirements

Title of Project:

A. Problem Statement (What problem are you trying to address through research or product development?)

B. Significance (Why is the problem important? What is the value proposition to users or society?)

C. Approach (How will you solve the problem? What is your overall approach? Briefly present methods or procedures critical to your approach.)

D. Innovation (What is the innovation or novelty in your approach?)

E. Expected Outcomes and Deliverables (What do you expect as the outcome of research or deliverables towards product development?)

F. Users/Market and Potential Impact (What impact do you expect if the proposed work is successful?)

G. Resources and Budget Needed (Provide a budget and justification for supplies to pursue research or develop a prototype for proof of concept. Budget is limited to $500.)
Phase 2 Proposal Requirements

(Use this form only if you have received and completed Phase 1 Student Seed Grant work, and are now applying for Phase 2)

Title of Project

A. Problem Statement (What problem are you trying to address through research or product development?)

B. Significance (Why is the problem important? What is the value proposition to users or society?)

C. Innovation (What is the innovation or novelty in your approach?)

D. Phase-1 Goals (List each of the specific goals of Phase-1 proposal and work.)

E. Phase-1 Research Literature Review or Market Research for Potential Impact
(Have you conducted surveys with potential users or done any market research. If a research projects, please describe the literature review and study done in Phase-1)

F. Phase-1 Report, Accomplishments and Lessons Learned (Describe what was done in Phase-1. Describe accomplished in Phase-1 work and how the Phase-1 goals were met or addressed. Also include failures and lessons learned.)

G. Phase-2 Specific Goals (Describe clearly how the Phase-1 experience and lessons learned have changed your Phase-2 goals for further research or prototype development plans.)

H. Phase-2 Revised Research Plan and Methods (Describe your Phase-2 work, research plan and/or revised specifications of next-level prototype. Describe methods or procedures for your Phase-2 work.)

I. Phase-2 Expected Outcomes and Deliverables (What do you expect as the outcome of research or deliverables with timeline for Phase-2 work?)

J. Resources and Budget Needed (Provide a budget and justification for supplies to pursue Phase-2 research and/or pursue market research and develop the next prototype. Budget is limited up to $3,000.)
Title of Project

A. Problem Statement (What problem are you trying to address through research or product development?)

B. Significance (Why is the problem important? What is the value proposition to users or society?)

C. Innovation (What is the innovation or novelty in your approach?)

D. Research Literature Review or Market Research for Potential Impact (Have you conducted surveys with potential users or done any market research. If a research project, please describe the literature review and the current state-of-the-art.)

E. Unmet Needs/Research Issues (What are the unmet/market needs or research issues to be addressed?)

F. Phase-2 Specific Goals (Describe clearly the Phase-2 goals for further research or prototype development plans.)

G. Phase-2 Research Plan and Methods (Describe your Phase-2 work, research plan and/or specifications of the next-level prototype. Describe methods or procedures for your Phase-2 work.)

H. Phase-2 Expected Outcomes and Deliverables (What do you expect as the outcome of research or deliverables with timeline for Phase-2 work?)

I. Resources and Budget Needed (Provide a budget and justification for supplies to pursue Phase-2 research and/or pursue market research and develop the next prototype. Budget is limited up to $3,000.)