

2020 Undergraduate Research Internship Opportunity

Purdue Polytechnic Institute

The Purdue Polytechnic Institute Research Office wants undergraduate Polytechnic students to experience first-hand how they can impact the advancement of human knowledge and our society. To encourage students, the Polytechnic Research Impact Areas are hosting a competition to support undergraduate research. Student research internships (9-12 months) will be awarded for projects that align with the research impact areas, as demonstrated through faculty mentor involvement in one or more research impact areas, and have the potential to advance research in the relevant field. We request two-page proposals from Polytechnic undergraduate students to engage in a research project with a start date in Summer or Fall 2020 and end in May 2021. These research internships will provide funding for 10-40 hours per week at \$10 per hour. Funding will be commensurate with the proposed plan of work. All student awardees are expected to present their work at the 2021 [Purdue Undergraduate Research Conference](#) and for publication in [JPUR](#) or other relevant journal. Continued funding from one semester to the next is dependent on progress made and recommendation from faculty mentor.

Research Project Information (Student to work with the faculty mentor to complete this section)

The application, to be written and submitted by the Polytechnic student applicant, in collaboration with her/his Research Impact Area affiliate faculty mentor, must include:

1. Cover Page (1 page). The cover page should be completed and then signed by both the applicant and the faculty mentor. Please include the following elements:
 - First & Last Name:
 - Major & Expected Graduation Semester/Year:
 - GPA:
 - Expected benefit: Provide a short description on how the experience will benefit your educational and/or professional goals.
 - Results and deliverables from prior research internship (if applicant received this award last year):
 - Faculty Mentor:
2. Project Description: (2 pages). References do not count in the page limitation. Please include each of the following elements in your project description.
 - a. Lay summary: Provide a short statement describing the proposed project in language for a non-specialist. (This statement may be posted on the Research Impact Area webpages.)
 - b. Project details: State the problem, gap in existing knowledge, research question(s), plan of work, and expected final outcome(s).
 - c. Connection to Research Impact Areas: Describe how the project fits within the research mission of one or more of the five [Polytechnic Research Impact Areas](#).
 - d. Funding request: Indicate the number of hours per week and number of weeks (by summer, fall, spring semesters) you are requesting and the start and end date of the project.

Please submit your application as a single PDF attachment to an email addressed to Felicia Anderson (fanderso@purdue.edu) before 5pm EST on April 1, 2020 with the Subject Line: "<INSERT STUDENT NAME> Polytechnic Undergraduate Research Proposal".

Awards will be based on the quality and feasibility of the research design, significance of the research project, benefit to the student, and fit to the research mission of one or more of the five Polytechnic Research Impact Areas. Awards will be available immediately following the spring semester.