

2021 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 (RIA) are inviting students to apply for research internships. Research internships (up to 15 weeks) will be awarded for projects that align with the RIAs, as demonstrated through faculty mentor involvement in one or more RIA, 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 May 2021 and end in August 2021. These research internships will provide funding for 10-40 hours per week at \$15 per hour. Funding will be commensurate with the proposed plan of work. All student awardees are expected to present their work at a fall RIA meeting, and are encouraged to present at the [Undergraduate Research Conference](#) and submit for publication in [JPUR](#) or other relevant journal. All Polytechnic undergraduate students are eligible to apply, priority will be given to students with junior/senior standing as of fall 2021.

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 their 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.
 - Prior experience: Briefly describe all prior experience, such as work, classes, volunteering, that prepare you to work on this project.
 - Results and deliverables from prior research internship (if received this award previously):
 - Faculty Mentor Name:
2. Project Description: (2 pages). References do not count in the page limitation. Please include each of the following elements in your project description.
 - Lay summary: Provide a short statement describing the proposed project in language for a non-specialist.
 - Project details: State the problem, gap in existing knowledge, research question(s), plan of work, and expected final outcome(s).
 - Connection to Research Impact Areas: Describe how the project fits within the research mission of one or more of the three [Polytechnic Research Impact Areas](#).
 - Funding request: Indicate the number of hours per week, number of weeks you are requesting, and the start and end date of the project.
3. Appendix (1 page)
 - Acknowledge understanding that funding is contingent upon documented completion of training including online responsible conduct of research (through CITI) and lab SOPs
 - Student mentoring plan: provide how the students' goals will be established and progress monitored. It is recommended that awardees be partnered with a senior student or grad to aid in mentoring.

Please submit your application as a single PDF attachment in an email addressed to Felicia Anderson (fanderso@purdue.edu) before 5pm EST on March 12, 2021 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 three Polytechnic Research Impact Areas. Awards are expected to be announced March 31, 2021.