

2020 Department of Physics Undergraduate REMOTE Summer Research Program

The Ohio State University Department of Physics is pleased to announce the 2020 Undergraduate Remote Summer Research Program. The program will feature the Robert P. Caren Family Endowment Fund, the Captain Forrest R. Biard Undergraduate Research Scholarship Fund, the Bunny and Tom Clark Scholarship Fund, the Mercer Foundations Scholarship Fund and the James Smith Scholarship Fund. These support Physics and Engineering Physics undergraduate students pursuing research projects with an approved physics faculty sponsor during the summer of 2020. **NOTE: Because research will be conducted remotely this year, documentation from the undergraduate and the faculty advisor must explicitly address how you will conduct remote research, how you will meet and how often, with whom (e.g., a grad student), with what expected products. What detail you supply depends on the kind of project you propose. This program is subject to university approval.**

PROGRAM DATES: May 11, 2020 through July 17, 2020. The research program will run for 10 weeks.

APPLICANT REQUIREMENTS:

- Applicant must be a major or pre-major in Physics or Engineering Physics at OSU. Freshman thru senior status.

SUCCESSFUL APPLICANTS:

- Will receive a summer scholarship up to \$3,500.00. All funds will be posted through financial aid. *We cannot specify the exact amount this year until we assess how many deserving applications we receive.*
- Will conduct research under the supervision of a Physics faculty member pursuing a research project of mutual interest to the faculty and student.
- Will devote approximately 30 hours per week starting May 11, 2020 and ending July 17, 2020. **Vacation time is NOT included or expected during this time-period. If you take vacation, you will need to make up the time the week of July 20th.** If you have a vacation already scheduled, please note on the application the dates of your vacation. You will not be able to take classes during this program time as well.
- Are required submit a poster at the end of the program and to participate in a poster presentation, which will be scheduled after campus re-opens.
- Are required to attend monthly "Zoom" lunches, which will be announced. It is strongly encouraged that the advisor attend the lunches as well.

APPLICATION MATERIALS:

To apply for the Summer Research Scholarship:

1. Complete this application form indicating the faculty member with whom you plan to do research during the summer of 2020.
2. Attach the abstract describing the research you plan to do and what your responsibilities for the project will be. This should be no more than 2 pages and include the **title** of the project, a **description** of the "big picture" of the project plus, **specifically what you will be working on**. The abstract should be **written by you** (in other words, it should not be written by anyone else or be directly copied from an article, book, or webpage). **Use proper grammar and spelling. Detail how research will be conducted remotely.**
3. **The Physics faculty member you intend to do research with will need to complete an endorsement application (form attached). A letter of support should accompany the endorsement and should indicate the scope of the proposed project.**

Please note: If you have previously received this scholarship, you're welcome to apply again but we may not have sufficient funds to support all proposals.

Direct all application materials and questions to the program coordinator: Robin Patterson, Email: patterson.716@osu.edu

APPLICATIONS PACKETS (WHICH INCLUDES THE FACULTY ENDORSEMENT LETTER AND ENDORSEMENT PAGE) ARE DUE:

Friday, April 24, 2020 at 5pm.

Late application packets may not be accepted.

(Includes student application page and abstract, faculty endorsement page and support letter)

Proposals lacking a plan for remote research will not be considered.

THE DEPARTMENT OF PHYSICS 2020 UNDERGRADUATE SUMMER RESEARCH PROGRAM - STUDENT APPLICANT FORM

To the Student Applicant:

Please print or type:

Name: _____

Local Address: _____

Phone: _____

E-mail address _____

Major: _____

Research Advisor: _____

Are you currently maxed out on Financial Aid for the 2018-2019 academic year? _____

Have you been awarded this scholarship in the past? _____ What year? _____

Please send a short (2 pages) abstract of your proposed Summer Research project, *including discussion of how it will be done remotely*, along with this completed application form and faculty endorsement page to the program coordinator:

Robin Patterson
patterson.716@osu.edu

Please ask that your research advisor complete the faculty endorsement form (attached) and a letter of support. This letter should also indicate the scope of your proposed project.

These should be sent directly to the Undergraduate Program Coordinator: Robin Patterson. E-mail to: patterson.716@osu.edu.

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THE DEPARTMENT OF PHYSICS 2020 UNDERGRADUATE SUMMER RESEARCH PROGRAM – FACULTY ENDORSEMENT

To the Faculty Recommender/Advisor:

The purpose of the Physics Summer Research Program is to give especially promising undergraduate students the opportunity to perform research with a faculty advisor.

Contact Information:

Name of Applicant _____

Name of Recommender/Advisor _____

Campus Address _____ Campus Phone _____

Research is ten weeks during summer 2020 (May 11, 2020 to July 17, 2020).

By signing this form, you agree to provide adequate supervision of the student's research over this time period.

Approval:

Signature of Faculty Recommender _____

Print name of Faculty Recommender _____

Please also provide:

An attached letter, indicating the nature of the project, and describe the student's ability to complete the project. Your candor in evaluating the student, his or her motivation, and likelihood for success in the chosen field will be appreciated. Also discuss the plan for conducting this research remotely.

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