Summer Research Experience for Undergraduate Students

Applications are due via email by March 4, 2019.
E-mail completed applications to: Audrey Russo, ar3v@andrew.cmu.edu

Program Description
The Program in Interdisciplinary Education Research (PIER) at Carnegie Mellon University offers an exciting summer research opportunity available to undergraduate students. This program is designed to provide research opportunities to undergraduates who may be considering pursuing graduate training in the learning sciences. We encourage applications from students who would like to conduct research at the interface of the learning sciences and one or more of the following disciplines: psychology, education, computer science, and human-computer interaction. We also encourage students who are from underrepresented groups to apply, including racial/ethnic minorities, first-generation college students, economically disadvantaged students, veterans, and students with disabilities.

PIER’s REU program allows talented undergraduates to spend 8 weeks during the summer in a research laboratory at Carnegie Mellon University. This program supports our commitment to training a diverse set of leaders in the field of learning science and related disciplines.

Applications are encouraged from students who wish to learn to conduct research in a modern academic research laboratory under the guidance of experienced scientists. The REU program will expose students to the excitement and opportunities of a research career. This experience will provide excellent preparation for students interested in subsequently pursuing Masters or Ph.D. degrees in psychology, education, learning science, human-computer interaction, and related areas of scientific inquiry. Although students from other years may apply, this opportunity is most fitting for a student at the end of the junior year of undergraduate studies.

Each student will receive a fellowship stipend of $3,000 for the eight-week REU program. Apartment-style housing will also be provided. Guidance and supervision will be provided by faculty members as well as, in some cases, a postdoctoral fellow and/or advanced graduate student.

Additionally, admitted students will participate in the Go Research! Summer Program at CMU. This program brings together undergraduate researchers from across departments. Students live in dorms with resident assistants to facilitate community building, manage housing, and provide programming. A Summer Seminar Series is provided for all students to help prepare for graduate education and research careers.

REU Program Benefits
There are several benefits that the participating students may receive.

- When the student’s research in the summer is of high quality and has added value to an ongoing research project, she may be asked to be a co-author on the research team's publication on that subject. Addition of publications to the resume of a graduate school applicant always greatly improves the application.
If the quality of the research is high, the faculty member who advised the student would likely be willing to write a letter of recommendation for the student which could be included in a graduate school application.

Research experience obtained at CMU, one of the premier research universities in the country, will help students be better prepared to apply for admission for graduate study, whether students choose to apply to CMU or a different university.

**REU Program Dates**: Depending on the summer schedule and availability of the faculty mentors, students will work as Research Assistants for 8 weeks between May 27, 2019 and August 2, 2019.

**Application Deadline**: Deadline for applications is March 4, 2019. Students will be informed of our decision by April 2, 2019.

**Eligibility Requirements**: Applicants must be current undergraduate students who are U.S. Citizens or permanent residents. Applicants should have a minimum of 3.5 GPA out of 4.0 although we will consider students who show by other measures that they are qualified for this program and who have GPAs over 3.2. Class standing and grades in specific subjects that are close to the field of research will also be considered, as are recommendation letters. We encourage students who are from underrepresented groups to apply, including racial/ethnic minorities, first-generation college students, economically disadvantaged students, veterans, and students with disabilities.

**Funding Source**: Institute of Education Sciences, U.S. Department of Education, National Science Foundation, and Carnegie Mellon University.

**Partner Institutions**: Carnegie Mellon University

**How to Apply for PIER-REU at CMU**

1. Complete the application below;
2. Please include the following with your completed application:
   a. Official transcript
   b. An unofficial copy or your latest SAT or ACT score report
   c. Two letters of recommendation (at least one from someone you have taken a course from at your university). Please arrange to have your recommendation letters e-mailed to ar3v@andrew.cmu.edu
   d. Resume
   e. Statement of Interest: Please describe why you would like to learn how to conduct research at the PIER REU Program this summer and how this experience can help you achieve your professional goals
Application for PIER-REU at CMU

1. Name:

2. Permanent address:

3. Current address:

4. Email:

5. Phone:

6. University where you are a student:

7. Major:

8. This year, are you a:
   ___ Freshman
   ___ Sophomore
   ___ Junior
   ___ Senior
   ___ Other (explain): ________________

9. Latest SAT or ACT scores

   SAT
   ________ Reading
   ________ Math
   ________ Writing

   ACT
   ________ English
   ________ Math
   ________ Reading
   ________ Science
10. Present GPA:

11. Are you a US citizen or permanent resident?
   _____ Yes
   _____ No   If not, what is your visa status for summer 2019? __________________________

12. Gender (optional)
   _____ Female
   _____ Male
   _____ Non-binary
   _____ Prefer not to answer

13. My ethnicity is (optional):
   Check all that apply
   _____ African American or Black
   _____ Asian Pacific Islander
   _____ Native American or Alaska Native
   _____ Native Hawaiian or other Pacific Islander
   _____ Hispanic
   _____ White
   _____ Other (please specify): _________________________________
   _____ Prefer not to say

14. We encourage students from underrepresented groups to apply, including racial/ethnic minorities, first-generation college students, economically disadvantaged students, veterans, and students with disabilities. If you belong to one or more of the groups above, please indicate here and provide more information if you would like: _________________________________

Please type your name and the date after the statement below to indicate your commitment to the summer REU program.

This application indicates that I am committed, in the case that I am admitted to the PIER REU Program, to being present for 8 weeks between May, 27 2019 and August 2, 2019.

[Your e-signature and printed name]

[Date]