Background
Talented undergraduate women in mathematics, science and engineering programs at UC have a unique opportunity to participate in summer research projects. The program is sponsored in part by the Offices of the Provost and the Vice President for Research, and the support and cooperation of several departments in the Colleges of Arts & Sciences, Engineering and Applied Science, Allied Health, Pharmacy, Nursing and Medicine. The REWU Program is specifically aimed at encouraging the participation of talented young women in ongoing research. The goal is to expose students to various aspects of scientific and experimental research, and to encourage the pursuit of research. Participation in research projects is known to be a significant factor in enhancing the students’ learning experience, and in encouraging talented students to excel.

Program Description
The undergraduate student will work closely with an experienced faculty advisor/researcher on ongoing research projects. In addition to carrying out the research, the student will be involved in interpreting the results of the research, deriving conclusions, and preparing and presenting a technical paper. The Program will begin with a Workshop for all the participating Mentors and Mentees, to train them for their respective roles, and prepare them for maximizing their benefits from the program. The students will also attend weekly workshops on topics such as leadership skills development, and How to Read a Scientific Paper, How to Conduct Library Reviews and Bibliography Searches, How to Write an Abstract and a Technical Paper, How to Present a Scientific Paper, How to Write a Press Release, and prepare a written final report. The capstone experience of the program is a formal presentation equivalent to that at a national professional meeting, and is attended by top UC Administration and Distinguished Alumni as well as colleagues, friends, faculty and interested community. Thus, the totality of a research experience is encountered. For the engineering undergraduates, this program, with one additional week of research, may constitute one of their normal co-op experience semesters.

Student Stipend
Each participant for the summer program will receive a stipend of $4,500 for the twelve-week program, May 8 – July 28, 2017, and will be expected to commit a minimum of 40 hours of research effort per week.

Participating Faculty and Research Projects
The large number of participating faculty come from various Departments of UC’s STEMM Colleges. Descriptions of the available WISE research projects may be viewed at the web page www.wise.uc.edu/rewu.php.

Eligibility
UC undergraduate women students are eligible to apply if they will have completed the freshman year by the end of the Spring 2017 Semester and if they have a GPA of 2.5 or above in engineering, science and math classes. Previous research experience is not required. However, interest in research is expected.
Application Procedure
Students applying for the summer research opportunities must submit the following items:

- A completed online application, available at www.wise.uc.edu/apply
- A 500-word essay, within the online application, describing reasons for wanting to participate in the program, what you hope to gain from this experience, and brief comments on a career plan, as best as you can define it at the present time.
- A current UC official transcript (For additional information, see Q.6 listed under Student FAQs on the WISE Website: https://www.wise.uc.edu/studentfaq.php.)
- Two letters of recommendation (faculty or professional). (For additional information, see Q.7 listed under Student FAQs at: https://www.wise.uc.edu/studentfaq.php.)

In the application, indicate which three research topics most interest you. You should check the "no preference" line only if you have no preference amongst the three research topics you list. This information will be used to match you with a project, and will not be a factor in the selection process. We urge you to contact, as soon as possible, the faculty member(s) listed alongside the project of your interest, to learn more about the project, what your responsibilities will be, and a tentative timetable for the twelve-week research period. Because you will be immersed full-time in the research experience, concurrent courses or other employment are not permitted.

Please be sure to contact the faculty advisors listed for your preferred projects and state so in the “Project Information” section of your online application. You are also advised to seek at least one of your two required reference letters from the faculty project advisor.

The application deadline is March 1, 2017, and we hope to announce the award recipients after April 1, 2017.

The application must be completed online at www.wise.uc.edu/apply. For technical difficulty with this, please visit the FAQ/Instructions for the online application: https://www.wise.uc.edu/apply/instructions.php. For further related questions, contact: ceas-userhelp@listserv.uc.edu. If you still cannot complete the application online, you may send your application material to:

Ms. Luree A. Blythe
University of Cincinnati, Mechanical and Materials Engineering, 598 Rhodes Hall
ML 0072 Phone: 513 556-2738 Fax: 513 556-3390
Cincinnati, OH 45221-0072 Email: blythela@ucmail.uc.edu

FOR QUESTIONS ABOUT THE REWU 2017 PROGRAM, PLEASE VISIT THE STUDENT FAQS ON THE WISE WEBSITE: https://www.wise.uc.edu/studentfaq.php. FOR FURTHER QUESTIONS, CONTACT:

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