



Announcing Undergraduate Summer 2023 Research internships with U.S. CMS experiment at the LHC

Meenakshi Narain [meenakshi_narain@brown.edu]

Prof. Sudhir Malik [malik@fnal.gov]

Overview

As a part of our commitment to diversity and inclusion, U.S. CMS is excited to announce the 2nd edition of the Program for Undergraduate Research SUMmer Experience “PURSUE” program.

The PURSUE program is intended to address the under-representation of women and minoritized students in STEM fields and is open to students pursuing physics, engineering, computer science, math, chemistry, and related fields.

See the link to our program Website at:

<https://sites.google.com/upr.edu/uscms-pursue/>

Information Webinar

November 30, 2022 (4-6pm)

December 9, 2022 (4-6pm).

During the Webinar, students will learn about the program, the application process. In addition, interns and research mentors from the 1st edition of the program will share their experiences at their Webinar. This would be a great opportunity for prospective students to learn first hand from program alumni.

The link to agenda and registration information for the webinars can be found at the link USCMS PURSUE Webinars :

<https://sites.google.com/upr.edu/uscms-pursue/webinars>

Focus of Internship

- The internships will offer female and minoritized undergraduate students an opportunity to perform a project under the mentorship of scientists working at the frontier of physics at one of the 50+ institutions in the United States.
- Students will use computational tools and data-science methods to learn about fundamental particles and their interactions, by analyzing data obtained from the Compact Muon Solenoid (CMS) experiment at the Large Hadron Collider (LHC) located at CERN, Switzerland.

Program Information

- The program will last a period of 10 weeks between June 5, 2023, and August 11, 2023.
- Students will be paid \$600 per week during the 10 weeks of the internship.
- The internship will be offered both in virtual and in-person mode. For those selected for in-person internship, housing will be provided.
- The application will open at the beginning of December until end of January 2023.

The link to the program details and application for the internships :

<https://internships.fnal.gov/u-s-cms-undergraduate-internship/>