

Do
RESEARCH in the Summer
ON A UNIVERSITY CAMPUS



JUNE 25 – AUGUST 5, 2017

Application period: December 1, 2016 – March 16, 2017

Application Fee: \$25

Visit us on the Web at <http://ysp.ucdavis.edu>

While most students are lounging around the pool, playing video games, or working at the mall, you could be **CONDUCTING RESEARCH** at UC Davis. Join other high achieving high school rising juniors and rising seniors doing original research in biology and the natural sciences at UC Davis.

Participants in the **2017 YOUNG SCHOLARS PROGRAM** will work one-on-one with research faculty and research groups in state-of-the-art laboratories for six weeks. Each student will work on an individual project and prepare a journal quality paper and symposium presentation about their work. At the same time, each student will experience the climate and culture of living and working on a university campus.

* Open to all students regardless of citizenship or location. Participants must be 16 years old by the date the program begins, but not 18 years old before the date that the program ends

WHAT YOUNG SCHOLARS PROGRAM (YSP) PARTICIPANTS HAVE TO SAY:

“YSP treated us like real scientists and adults. We had a lot of time in the lab and a lot of freedom.”

“I met some amazing people I will never forget...At the end of the program, we were all one huge family.”

“The best summer of my life – bar none.”

“The lectures exposed me to entire career paths I never dreamed could exist.”



PROGRAM OVERVIEW

The UC Davis Young Scholars Program (UCD-YSP) strives to engage approximately 40 academically talented high school rising juniors and rising seniors in a variety of research experiences within the areas of biological and natural sciences. Each student will undertake a six-week, long-term, apprentice-level research project in a university laboratory under the mentorship of university researchers. The laboratory experience, involving approximately 85 percent of the program time, will focus on original research including experimental design, data collection, statistical analysis, and communication of results through written and oral means. In addition, the program's design incorporates a morning lecture series, group study activities, educational excursions, seminars, and individual or small group instruction. Specific subject seminars on use of online resources, academic planning, college preparation and selection will be offered. During the program, students live in air-conditioned university dorms under the guidance of young science teachers.

PROGRAM GOALS

- **Knowledge** – To provide a program of research, content instruction, and guided inquiry designed to improve student understanding of the interrelated nature of the biological and natural sciences.
- **Research** – To provide experiences in full-time, long-term, original research in which knowledge and principles from a multiplicity of fields come to bear upon research problems in biology, agriculture and the natural sciences.
- **University Life** – To provide a mentored acclimation to the academic and social culture of a major research university as well as an introduction to dormitory living.

PROGRAM EXPENSES

The University's commitment to this outstanding program is demonstrated by the extensive involvement of faculty and researchers, and the availability of classroom, laboratory and recreational facilities. In addition, the School of Education provides funds to offset program-operating costs and to reduce student housing fees and meal costs.

The anticipated cost for room and board for six weeks, all field trips, activities, and five (5) units of university credit is \$6,200 plus a fully refundable \$200 security deposit. **Fee reductions based on need are available for qualified accepted students.** Please see FAQs on website for more information.

TYPICAL SCHEDULE

Weekdays: Lectures, recreational time, and lab work.

Weekends: Fieldtrips throughout Northern California.

APPLICATION PROCEDURES

Deadline: March 16, 2017

Applications for Summer 2017 are open from December 1, 2016 to 11:59 p.m., March 16, 2017. An online, nonrefundable application fee of \$25 is required. Students wishing to request a waiver of the application fee should contact the program director (jrpomeroy@ucdavis.edu) prior to submitting the online application.

Online Application Components

The online UCD-YSP application requires the following:

- Student, parent, and referring teacher contact information
- School information, including weighted and un-weighted GPA's
- Two teacher recommendations submitted through the UCD-YSP teacher recommendation website. The online recommendations will form the primary reference; letters of recommendation are not required.
 - One recommendation MUST be from a science teacher
 - The other must be from another teacher
- Summary of school activities and other interests, activities, and research experiences
- Personal essay
- A current high school transcript, scanned and submitted electronically with the application. (Grade reports or report cards are not acceptable.)

OPTIONAL: Students requesting a fee reduction should mail a letter from the parents or guardians explaining the family's financial circumstances AND a copy of the most recent Federal Income Tax return (1040, 1040A, or 1040EZ).

Requests for fee reductions should be received at the following address by the close of business on March 16, 2017.

J. Richard Pomeroy
UC Davis Young Scholars Program
School of Education
University of California
One Shields Avenue
Davis, CA 95616-8579

ADDITIONAL INFORMATION <http://ysp.ucdavis.edu>

J. Richard Pomeroy • Director, Young Scholars Program • (530) 752-0622 • jrpomeroy@ucdavis.edu



sponsored by

