What are you doing this summer?
Apply for Oxy’s
Summer Research Program!

The 2016 Summer Research Program (SRP) deadline is February 12, 2016 by 4 pm.

The program is ten weeks and will run from May 31 – August 6, 2016. A study grant of $3900 is provided and costs for housing are subsidized based on financial need. Participants are expected to give a full-time exclusive commitment for the entire ten week period as well as participate in mandatory research ethics training seminars. Furthermore, all summer researchers present their results at the Oxy Summer Research Conference taking place on Wednesday, August 3rd.

The application consists of an application cover sheet, signed by applicant and the mentor, a proposal (3-4 pages), a personal statement (1-2 pages), and a budget, if applicable, (1 page). The proposal should describe what work you do, your methods, and other related details. The personal statement indicates your preparation (such as coursework and prior research) to undertake your project, and how the SRP will fit with your educational and career plans. The budget should justify costs if support for supplies, local travel, etc. is requested. You must use 8.5” x 11” paper, single sided, with 1” margins, using Times New Roman or Arial type font no smaller than 11 point and at least 1.5 line spacing. Paperclip your application -- DO NOT STAPLE YOUR APPLICATION PAPERS.

A question often asked, is if one could conduct research with an adjunct professor through the SRP program. The answer to that question is: Only tenure-track and continuing non-tenure track faculty who will be on-campus during the summer are eligible to serve as mentors. Make sure to ask faculty to be your mentor (and recommendation letter writer) well in advance.

...... To Recap ................. Application Deadline: February 12th by 4pm ...........

Applications should:
- Be signed by both the student and faculty mentor
- Be paper-clipped, not stapled
- Be printed single-sided, with 1.5 line spacing and 1 inch margins
- Use Times New Roman or Arial font of no less than 11 point font
- Include the applicant’s name in the right hand corner of each page

Organize in the following order:
- Cover Sheet
- Project Proposal
- Personal Statement
- Budget (if applicable)

The URC’s office is room 253A on the main floor of the Library/Academic Commons, with an entrance through the Cumberland Reading Room. Mentor recommendation forms and letters may be sent separately by email to urc@oxy.edu, but are also due by the above date and time.

For more info, visit: http://www.oxy.edu/undergraduate-research-center/summer-opportunities/oxy-summer-research-program
Occidental's 2016 Science Scholars from left to right: Julia Hamilton, Catherine Conlon, Chelsea Blankenchip, Natalie Dwulet, Whi-inh Bae

Introducing Oxy's Science Scholars of 2016

Science Scholars awards provide research and scholarship opportunities to Occidental's best students in the fields of Biochemistry, Biology, Chemistry, Cognitive Science, Environmental Science, Geology, Kinesiology, Neuroscience, Physics and Psychology. These highly competitive awards provide a total of $15,000 in support through the Junior and Senior years. The program is supported by an endowment from the Fletcher Jones Foundation and a grant from the Kenneth T. and Eileen L. Norris Foundation.

Occidental's 2016 Science Scholars include the following five Juniors. Chemistry majors, Whi-Inh Shuley Bae mentored by Prof. Udut and Natalie Dwulet mentored by Prof. Cannon, Biochemistry major, Chelsea Blankenchip mentored by Prof. Goffredi, Biology major Catherine Conlon mentored by Prof. Pollock, and Cognitive Science major Julia Hamilton mentored by Prof. Sherman.

Whi-Inh's project is titled "Cobalticinium Derivatives as Mediators for Bioelectrochemical Catalysis with P450." She will explore the cobalticinium's potential to substitute NADPH in a biochemical system. Natalie is studying "Stereoselective Synthesis of Amino Acids Using the Ireland-Claissen Rearrangement." An Irlen-Claissen rearrangement is a powerful carbon-carbon bond-forming chemical reaction, yielding an unsaturated carbonyl acid. She aims to "utilize a chiral auxiliary to develop a new methodology for a diastereoselective Ireland-Claissen rearrangement." Chelsea's project is titled "The Gut Microbiome of Tropical Cephaloleia Beetles: Interactions between Diet, Pathogens, and Invasive Plant Species." Few studies have examined the bacteria associated with tropical insects. Chelsea seeks to use the Costa Rican beetle to study the relationship between the microbiome and nutrition. Catherine's project is working to develop a pegeion fever vaccine to C. pseudotuberculosis using combinatorial proteins. Last, but not least, Julia's project is titled, "Take a Walk in Someone Else's Shoes: Empathy's Role in the Simulation and Predication of Others' Actions."

Congrats to the 2016-2017 Science Scholars!
URC Deadlines to Note

February
11  Second (final) Spring semester ASP awards announced
12  2016 Summer Research Program (SRP) application deadline
17  Winter Break Richter-ASP final reports due, email urc@oxy.edu

March
4   Summer Research Program awards announced via email

April
4   Summer Research Program 2016 Contracts Due
18  Spring Break Richter-ASP final reports due, email urc@oxy.edu

May
6   Spring semester funding final reports due, email to urc@oxy.edu
31  First day of SRP 2016!

Contact us!
Email: urc@oxy.edu  Phone: (323)259-1414
Location: Library, 2nd Floor, Old Wing, Room 253A
Website: oxy.edu/undergraduate-research-center

*all applications are due @ 4pm on deadline dates
Find us on Facebook: www.facebook/OxyURC