We would like to thank everyone who read our first issue of URConnection; it was a great success! We are happy to publish our second issue, in which we proudly recognize our fall quarter undergraduate research awardees for the Provost’s Undergraduate Fellowship and the Travel Awards. We encourage students of every discipline and of every age to participate in undergraduate research and get involved with our events! Our hope is to bring accessible information to you about highlights in research on campus and ways you can get involved with research on campus.

-Tran Phan and Isabelle Floyd (Your peer advisors)

Upcoming Events

Undergraduate Research, Scholarship and Creative Activities Conference
Poster Presentations/Arts Exhibit: Friday, April 25, 3-6 p.m., Freeborn Hall
Oral Presentations: Saturday, April 26, 1-6 p.m., Wellman Hall

Provost’s Undergraduate Fellowship Deadline
Monday, May 5, 5:00 p.m.

Writing Fellowship Grants for Graduate School
Tuesday, May 6, 2:00-3:30 p.m. Multipurpose Room, Student Community Ctr.

Chancellor’s Award, Student and Faculty Award Deadline
Wednesday, May 7, 5:00 p.m.

Research Highlights

UC Davis Neuroscience Researchers Begin to Uncover the Mystery of Memory Storage

Graduate student researchers at UC Davis’ Center for Neuroscience, have recently unleashed important research pertaining to where and how memories are stored in the brain. Their research shows that memories, which are stored in the hippocampus inside the brain, are dependent on the content on the memory as well as the context. In other words, where we are and when an event takes place are important features to our memory. To read more, click here.

UC Davis Chemistry Lab Uses Renewable Resources to Produce Chemical Products

UC Davis professor in the chemistry department, Shota Atsumi, and undergraduate researchers in his lab, are discovering new ways to produce products such as paint, artificial flavorings, and perfumes from renewable resources instead of from synthetic chemicals. Their latest research has been published in The Journal of Nature and Chemical Biology. To read more, click here.

Innovative New Research at UC Davis’ Primate Research Center

Researchers from the UC Davis Primate Research Center have teamed up with professors in the statistics department to show how behaviors exhibited by rhesus macaque monkeys can help United States financial experts avoid catastrophes like the 2008 financial crisis. According to these researchers, observing the social behaviors and strategies of primates can be useful in patterning certain behaviors of our own. To read more, click here.
URConnection
From Your Undergraduate Research Center Peer Advisors

Undergraduate Research Center: Fall Awardees!

College of Agricultural & Environmental Sciences

PUF Awards (9 applicants)
• Roy Chu, Biotechnology
• Kelly Hagadorn, Animal Biology
• Victoria Myers, Biotechnology

Travel Awards (0 applicants)

College of Biological Sciences

PUF Awards (23 applicants)
• Daniel Austin, Microbiology
• Austin Greene, Evolution, Ecology & Biodiversity
• Lillian Miller, Biochemistry & Molecular Biology
• Katherine Murphy, Neurobiology, Physiology, & Behavior
• Hawa Sultani, Exercise Biology
• Atrin Toussi, Neurobiology, Physiology, & Behavior
• Katherine Wood, Evolution, Ecology, & Biodiversity
• Linlin Zhou, Biological Sciences

Travel Awards (2 applicants)
• Don Hoang, Microbiology
• Jasmine Garcha, Plant Biology

College of Engineering

PUF Awards (4 applicants)
• Corey Long, Biomedical Engineering
• Avi Mehari, Biomedical Engineering

Travel Awards (1 applicant)
• Courtney Gegg, Biomedical Engineering

College of Letters & Sciences

PUF Awards (18 applicants)
• Richard Wood, Pharmaceutical Chemistry
• Laurel Carney, English
• Ariel Vaughn, Chemistry
• Jose Chavez-Verduzco, Art Studio
• Allegra Harrison, History & International Relations
• Nhon Tran, Pharmaceutical Chemistry
• Sasha Leidman, Geology
• Katherine Comstock, Design

Travel Awards (0 applicants)

About Your Peer Advisors

Isabelle Floyd has been with the URC for two years. She is a fourth year pharmaceutical chemistry major and plans to attend graduate school to become a nurse practitioner. She has been involved with undergraduate research in the chemistry department in the past.

Tran Phan has been with the URC for three years. She is a fourth year, majoring in Neurobiology, Physiology, & Behavior. She is currently conducting research in the Early Start lab and the One Minute Video project and she would love to share her experiences with students.

CONTACT

If you’re interested in scheduling a one-on-one appointment, or you have an interesting story or tip to share about undergraduate research that you would like posted in one of our issues, please contact us:

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Email: urc@ucdavis.edu
Location: 2300 Student Community Center, 2nd Floor
Hours: Monday-Friday; 9:00 a.m. - 5:00 p.m.
Website: http://urc.ucdavis.edu

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