UCI BioSci Student Affairs

BIO SCI ANNOUNCEMENTS & EVENTS
Fall 2023 - Week 9

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1. PAA Walk-in Hours for 1st & 2nd Years - Week 9 & 10

Are you a 1st or 2nd year with questions about your Winter 24 schedule?

The Bio Sci Peer Academic Advisors will be hosting Walk-in hours in Week 9 & 10 to help answer your questions. To meet with a PAA, please check in at the front desk of Bio Sci Student Affairs in BSIII and be seen first come, first serve.

2. Upcoming Pre-Health Workshops

- Zoom: December 4th, 1 p.m. – 2 p.m.
- Zoom: December 5th, 10 a.m. – 11 a.m.

Register for a pre-health workshop here.

3. Pre-Health Clubs - Let us know!

Are you part of a Pre-Health club here on campus? Please let Bio Sci Student Affairs know so you can be included on a master list of UCI Pre Health clubs on the UCI Bio Sci Website!

Fill out this form to let us know about your Pre-Health Club: https://forms.gle/jEy2pH3gd3xJF15z9

4. Call for Proposals for the CHOC and UCI Rare Disease Symposium and Family Conference

Several hundred rare advocates, researchers, clinicians, students, and families will gather for CHOC and UCI's Third Annual Rare Disease Symposium and Family Conference to share their research, knowledge, and experiences. This conference will feature the latest developments in diagnosis and treatment of Rare Diseases in Ophthalmology, Sexual Differentiation, Endocrinology, Cardiology, and Hematology, and include presentations by rare families.

Children's Hospital of Orange County (CHOC) and University of California, Irvine (UCI) Health have been jointly designated a National Organization for Rare Disorders (NORD) Rare Disease Center of Excellence, joining a highly select group of 31 medical centers seeking to expand access and advance care and research for rare disease patients in the United States.

We are now accepting submissions of scientific abstracts in the field of research related to rare disorders for The 3rd Annual CHOC and UCI Rare Disease Symposium & Family Conference scheduled for WEDNESDAY - FRIDAY, MARCH 6 - 8, 2024. Academics, researchers, industry, government agencies, health care professionals, patient groups, students, and other interested parties are invited to submit abstracts for research on rare diseases.

Abstracts may be submitted here: https://web.cvent.com/event/9747c55b-177c-49f1-be2a-253e111962a6/websitePage:c2d312f8-452c-43cb-b46d-fa771a99b57b

The call for abstracts will close January 26th, 2024. More information about the event is available here: https://web.cvent.com/event/9747c55b-177c-49f1-be2a-253e111962a6/summary

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5. Research Assistant Opening for EVOlution, Culture, and Stereotyping (EVOCS) Lab

Some people like planning for the future. Others prefer to live in the moment. Some of us derive happiness from our social relationships, while for others, happiness comes from having wealth. Why do people think and behave in such different ways? One answer is: the environment. In the EVOlution, Culture, and Stereotyping Lab, we examine how various aspects of our ecology, such as population density, infectious diseases, and unpredictability, shape our thinking and behavior. In exploring these questions, we draw upon ideas from a range of disciplines, including evolutionary biology, behavioral ecology, and anthropology.

Research assistants will have the opportunity to be involved in multiple parts of the research process, such as brainstorming and discussing new ideas, literature reviews, designing research studies, & data collection and coding. The weekly hour commitment is about 6-7 hours (predominantly online work), and students would enroll in PSCI 196 (4 units). In the Winter, the lab will meet in-person on Thursdays from 4:00-5:30 pm.

The ideal research assistant will be conscientious, motivated, open to new ideas, and most important of all, be curious. Our lab highly values diversity in ideas and perspectives. Prior research experience is a plus, but not necessary. This position is suited for students who are interested in gaining research experience in evolutionary/social/cultural psychology, or who are interested in pursuing grad school in these areas.

You can submit a research assistant application to the lab here.

For any questions, please email the lab manager, Krystina Boyd-Frenkel, at kboydfre@uci.edu.

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6. Morning Sign Out @ UCI

Interested in science and/or health? Enjoy writing? Come sign up for MSO!

Morning Sign Out (MSO) at UCI is an on-campus organization that is dedicated to improving health care literacy, updating the community on important discoveries in science and medicine, and highlighting the current research developing on the UCI campus. Our members also have access to various grad school/ career/ research workshops & guest speakers! Come meet us at our meetings to learn more about our club, our publishing process, the application process, research and grad opportunities, and our club workshops.

JOIN OUR TEAM AND APPLY TODAY:
WRITER: tinyurl.com/writer2324
EDITOR: tinyurl.com/MSOeditor2324

- EDITOR: tinyurl.com/MSOeditor2324

7. Livermore Lab Foundation Fellowship - Apply by Jan. 10!

The Livermore Lab Foundation (LLF), a partner of the Lawrence Livermore National Laboratory is dedicated to advancing scientific knowledge and inspiring the next generation of science and technology leaders at LLNL through research and student fellowship opportunities.

Our robust fellowship program seeks to empower undergraduate students to consider a rewarding STEM career and contributes to the nation's critical STEM workforce pipeline to solve issues of global importance. LLF works to connect students to LLNL's premier innovation, technology and research capabilities, with a focus on those historically underrepresented in the field (women, minorities, low-income/financial need, and first-generation college students).

Our fellowship application window is now open, with details on our **website**. Applicants must submit a statement of interest, resume, and faculty letter of recommendation no later than January 10, 2024. Any questions can be directed to fellowships@livermorelabfoundation.org.

8. Research Opportunity - Seeking First/Second Year Students in

Hicks Lab

Hello! My name is Ben and I'm a 4th year PhD candidate in the Hicks Lab (Lab Website: https://hickslab.org/) seeking a Bio199 student. This student will be mentored by myself and another Bio199 student in the lab.

Broadly, our lab studies skeletal muscle stem cells and how they drive regeneration of damaged muscle. Specifically, I study the biological mechanisms that may improve *in vivo* transplantation of skeletal muscle stem cells. You will help me conduct experiments relevant to my PhD work, such as; cell culture, RNA extraction, PCR, rtPCR, Agarose Gels, Tissue Sectioning, Immunostaining. Preferably, a 1st/2nd year student who can commit at least two years, and is interested in pursuing a career in research and/or graduate school.
Key words: Stem Cells, Skeletal Muscle, CRISPR-Cas9, Cell Culture, Pluripotent Stem Cells
Thank you and please contact me directly at bclock@uci.edu with your resume if you're interested so we can set up an interview!

Sincerely,
Ben

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9. Herbert Wertheim UF Scripps Research Opportunity - Virtual Open House Nov. 29

The Wertheim UF Scripps Institute provides career-launching lab research opportunities for undergraduate students. For those who want to experience biomedical research and gain exposure to research-focused graduate studies, this is a top program.

Our campus has hosted the Summer Undergraduate Research Fellows (SURF) opportunity, a National Science Foundation REU-Research Experience for Undergraduates internship program, for nearly 10 years.

We also provide a one-year, full-time, immersive postbac research experience at the interface of chemistry and biology for recent college graduates. The Postbaccalaureate Research and Education Program (PREP) is intended for bachelor's degree recipients who graduated within the last two years and are interested in increasing their laboratory skills and scientific knowledge, in preparation for application to high-caliber, research-oriented Ph.D. programs.

Please join us an upcoming live chat with our faculty, staff, and former and current interns. You will learn about our Summer Undergraduate Research Fellows (SURF/REU) internship and PREP program, how to navigate the online application process, and daily life as an intern at our institution.

November 29 at 1 p.m. ET
This is a 90-minute virtual open house featuring SURF programs at two institutions, The Werhteim UF Scripps Institue in Jupiter, FL, and the Scripps Research institute in La Jolla, California. It will also cover the PREP program in Florida. Register here.

December 14 at 1 p.m. ET
This is a 30–45-minute information session on the SURF and PREP programs in Jupiter, Florida. Register here.

If you have questions about the program, please visit our website, at https://scripps.ufl.edu/education/ or contact me at scrps-educationoutreach@mail.ufl.edu.

science communication skills. Stipend, housing, and travel is included. To learn more or apply, please visit https://scripps.ufl.edu/education/surf/

To receive more information, scan the QR code and fill out an intake form.

Postbaccalaureate Research and Education Program (PREP)

One-year immersive research experience at the interface between chemistry and biology. Intended for recent graduates interested in increasing their laboratory skills and scientific knowledge in preparation for application to graduate school. Stipend is provided. To learn more or apply, please visit https://scripps.ufl.edu/education/prep

The Wertheim UF Scripps campus is located in Jupiter, Florida.

UF UNIVERSITY of FLORIDA

SUMMER RESEARCH OPPORTUNITIES AT THE HERBERT WERTHEIM UF SCRIPPS INSTITUTE FOR BIOMEDICAL INNOVATION & TECHNOLOGY

Facts at-a-glance:

10-week
paid summer internship

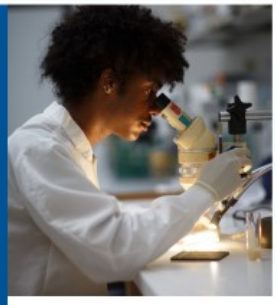
40 laboratories in 5 departments

- **Chemistry**
- **Immunology and Microbiology**
- **Integrative Structural and Computational Biology**
- **Molecular Medicine**
- **Neuroscience**

>66%
of alumni enter graduate school

19
National Science Foundation graduate research fellowship recipients in 10 years

Open to students from all backgrounds and without previous research experience



Discover a Career in Biomedical Research

Participate in leading-edge research, work with outstanding scientist-mentors and develop professional laboratory skills during a 10-week, National Science Foundation-funded summer undergraduate internship at The Herbert Wertheim UF Scripps Institute for Biomedical Innovation & Technology.

Participants conduct hands-on research in laboratories working at the frontier of human knowledge and also learn valuable academic and professional skills in the classroom, so they emerge prepared to pursue outstanding graduate research opportunities.

During the program, students are paired with a faculty mentor who helps them develop a summer project that matches their skills and interests. Meanwhile, they attend research seminars about recent discoveries and professional development workshops where they receive mentoring on science writing and crafting better presentations. It's all designed to set them up for success as they pursue their career goals.

The intensive program also makes room for fun. Participants make friends and build their professional network as they join in various social activities, including outings around Palm Beach County, such as Florida's famously beautiful parks, natural areas and beaches.