



UCI BioSci Student Affairs

BIO SCI ANNOUNCEMENTS & EVENTS S'24 - Week 5

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1. Bio Sci 3rd Year Orientation - Required for 2nd Year and 1st Year Transfer Students

Congratulations! You are almost halfway through your undergraduate degree here in the School of Biological Sciences.

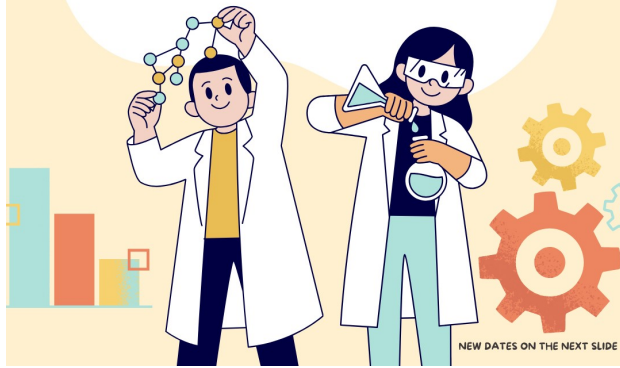
As a current 2nd year student OR 1st Year Transfer student, we will be reviewing with you the Bio Sci academic curriculum for your remaining quarters at UCI. This workshop will provide important information needed for you to be a successful junior Anteater!

This session will be led by Bio Sci Academic Advisors on various dates in-person below. **This is a MANDATORY session.** Not attending a 3rd Year Orientation will result in a hold on your account that will hinder your ability to enroll for Fall 2024.

Please RSVP for the session you will attend [here](#).*

*If you have trouble accessing the form, please visit the BioSci live chat.





NEW DATES ON THE NEXT SLIDE

SCHOOL OF BIOLOGICAL SCIENCES

3RD YEAR ORIENTATION

RSVP LINK HERE: [HTTPS://FORMS.GLE/PP7XAWMKNXEYZJPB9](https://forms.gle/PP7XAWMKNXEYZJPB9)

- TUE. 4/23 | 12 - 12:50 PM | BS3 1305
- THUR. 4/25 | 12 - 12:50 PM | BS3 1305
- THUR. 5/2 | 11 - 11:50 AM | BS3 1305
- MON. 5/6 | 3 - 3:50 PM | BS3 1305
- TUE. 5/7 | 11 - 11:50 PM | BS3 1305
- WED. 5/8 | 10 - 10:50 PM | BS3 1305
- THU. 5/9 | 11:30 - 12:30 PM | BS3 1305

IF YOU HAVE ANY QUESTIONS, PLEASE VISIT OUR BIO SCI LIVE CHAT OR REFER TO OUR WEBSITE: [HTTPS://UNDERGRADUATE.BIO.UCI.EDU/STUDENT-AFFAIRS/](https://undergraduate.bio.uci.edu/student-affairs/)

2. How to Get Started in Bio 199 Workshop: May 6

BIO 199 WORKSHOP

Learn about getting involved in research on campus + finding a faculty sponsor!

3-4 PM, MAY 6TH | NAT SCI 1 ROOM 3116

****Boba will be provided, while supplies last**

3. UTEACH: Develop and Teach Your Own Class at UCI, Apps due June 7

Dear students:

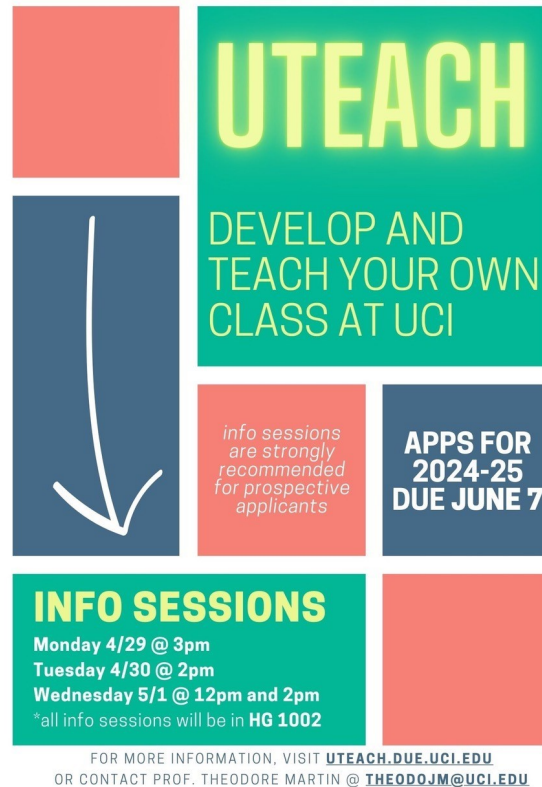
UTeach is a program that enables undergraduates to design, develop, and teach their own lower-division seminar at UCI.

UTeach courses can be taught by students from any major. Our current classes cover a vast and lively range of topics, including the Physiology of Superheroes; the Eco-Narratives of Studio Ghibli; Transmedia Storytelling; Shakespeare in High School; the United Nations; Treaty Design; Southeast Asian Gangs; History and "Hamilton"; Warfare and the Making of Modern Greece; Literature of the Vietnam War; and Reproductive

Justice.

You can view descriptions of our current course offerings [here](#).

Applications for the 2024-25 UTeach cohort will open soon. If you are interested in applying, **please attend one of our upcoming information sessions**. These sessions will provide an overview of UTeach, go over the application process, and give you a chance to ask any questions you might have about the program. UTeach Info Sessions will be held on the following dates and times:



UTeach
DEVELOP AND
TEACH YOUR OWN
CLASS AT UCI

*info sessions
are strongly
recommended
for prospective
applicants*

**APPS FOR
2024-25
DUE JUNE 7**

INFO SESSIONS
Monday 4/29 @ 3pm
Tuesday 4/30 @ 2pm
Wednesday 5/1 @ 12pm and 2pm
*all info sessions will be in HG 1002

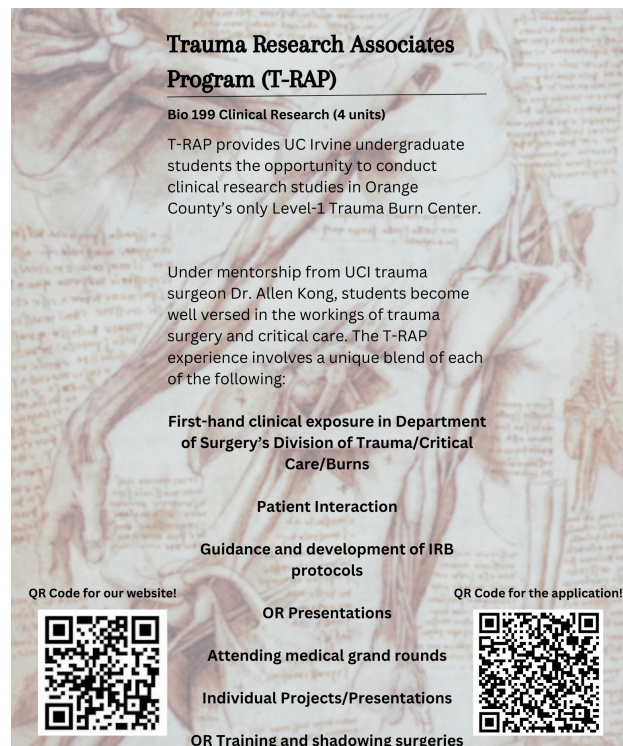
FOR MORE INFORMATION, VISIT [UTEACH.DUE.UCI.EDU](https://uteach.due.uci.edu)
OR CONTACT PROF. THEODORE MARTIN @ THEODOJM@UCI.EDU

4. Trauma Research Associates Program (T-RAP), Apply by May 15

BIO 199 Clinical Research Opportunity!

The Trauma Research Associates Program (T-RAP) at the UCI Medical Center is currently looking for bright and motivated UCI undergraduates to join our research team! The application deadline to submit is **May 15th, 2024 at 11:59 pm** after which interview invites will be sent out. T-RAP requires a minimum 1-year commitment and 4 units of Bio Sci 199 credit during the school year. To learn more or to apply to our program, please visit our website to fill out an application! Students of sophomore or junior standing are preferred.

Website: <https://ucitrap.wixsite.com/home>



Trauma Research Associates Program (T-RAP)

Bio 199 Clinical Research (4 units)

T-RAP provides UC Irvine undergraduate students the opportunity to conduct clinical research studies in Orange County's only Level-1 Trauma Burn Center.

Under mentorship from UCI trauma surgeon Dr. Allen Kong, students become well versed in the workings of trauma surgery and critical care. The T-RAP experience involves a unique blend of each of the following:

First-hand clinical exposure in Department of Surgery's Division of Trauma/Critical Care/Burns

Patient Interaction


Guidance and development of IRB protocols


OR Presentations

Attending medical grand rounds

Individual Projects/Presentations

OR Training and shadowing surgeries

QR Code for our website! 

QR Code for the application! 

5. MS in Biotechnology - UC Berkeley

University of California, Berkeley

Master of Biotechnology

Program at a Glance

- One-year, 30-unit accelerated program.
- Courses begin in early July and are designed to train students on CRISPR-Cas9 genome editing, stem cell culture, and bioinformatics.
- Our internship program connects students with local biotech companies and academic labs, where they gain crucial research experience.
- We prioritize our students' professional development to ensure their success after graduation.

Admissions Requirements

- BA/BS in Biological Sciences or related field
- Minimum 3.00 GPA
- Relevant undergraduate coursework
- Minimum 90 internet-based TOEFL or 7.0 IELTS score (if applicable)

Application Materials

- Undergraduate transcript(s)
- Personal History Statement
- Statement of Purpose
- Two letters of recommendation
- TOEFL/IELTS (if applicable)

Timeline to Graduation

Summer Session D	Fall Semester	Spring Semester
Coursework <ul style="list-style-type: none">• Core lab course	<ul style="list-style-type: none">• Core lab course• Biotech primer course• Career development course• Electives	<ul style="list-style-type: none">• Drug discovery course• Internship and capstone courses
 Internships <ul style="list-style-type: none">• Biotech company visit• Internship applications and matching		<ul style="list-style-type: none">• 3 - 4 month internship
		Capstone Project <ul style="list-style-type: none">• Independent research project• Capstone presentation

Department of Molecular and Cell Biology
<https://mcb.berkeley.edu/masters>

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Berkeley
UNIVERSITY OF CALIFORNIA

Master of Biotechnology

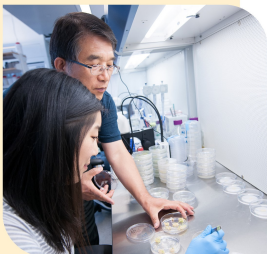
Internship Program

Our program's signature component, a 3-4 month internship, takes place each Spring semester. Our internship placement and selection process ensures that each student is placed at a local biotech company or campus lab that fits their scientific interests and career goals.

During their internship, students will perform full-time research, while working closely with their internship mentor to develop their capstone project.

An internship course brings students together on Fridays to meet and discuss their internship projects, progress, and receive feedback on their work.

Check out our internship partners at:
mcb.berkeley.edu/masters/partners



Capstone Project

Each student's internship will culminate in the completion of their capstone project, which is an independent research project that the student has been working on during their internship.

Students will put together a written report and present their capstone project at a one-day research symposium attended by their cohort and faculty.



Program Outcomes

- Students learn and work with state-of-the-art technologies used in biomedical research.
- Career development courses build students' communication skills, prepare for interviews, and help polish their resumes.
- Internships give students the opportunity to gain valuable experience working at a biotech company or academic lab.
- Connections with local biotech companies and the broader campus provide students with a strong professional network.

Department of Molecular and Cell Biology
<https://mcb.berkeley.edu/masters>

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Berkeley
UNIVERSITY OF CALIFORNIA

6. Research Opportunities

Bio 199 Research Opportunity to Study Diabetes, Obesity, and Gene-Environment Interactions

The Department of Developmental and Cell Biology's Blumberg Lab is seeking driven, enthusiastic Bio-199 undergraduate researchers with strong interests in gene-environment interactions, epigenetics, obesity, diabetes and metabolic disease. More information about the lab can be found here: <https://blumberg-lab.bio.uci.edu/>.

The Blumberg Lab is broadly interested in the study of gene regulation and intercellular signaling during embryonic development. They are studying the relationship between exposure to endocrine-disrupting chemicals and obesity/diabetes and the epigenetic processes underlying the effects. Students will have the opportunity to work with animals and at the bench, and will have the autonomy to start personal research projects in the future.

Students would start this summer and are expected to commit **20 hrs/wk** throughout the summer and the academic year. Nearly all students who work in the lab for an extended period of time have co-authored publications.

If interested, please submit a short personal statement and why you want to join the lab, a CV, and an unofficial transcript to blumberg@uci.edu.

Seeking Bio-199 Undergraduate Researchers Interested in Movement Disorders

The Laboratory for Neurophysiology and Deep Phenotyping is currently seeking to recruit **two enthusiastic** undergraduate students for our Bio-199 lab.
<https://undergraduate-research.bio.uci.edu/list>

Our work is dedicated to identifying biomarkers in Parkinson's Disease, track the progression and characterize its neurophysiology. You will have the opportunity to work with a highly interdisciplinary team, interact with patients and contribute to the field of movement disorders. To apply, you must be a current sophomore or junior student and plan to enroll in Fall Quarter 2024. We are requiring a time commitment of 9 hrs/week.

If you are interested, please a brief statement about you and why you want to join as well as an email a copy of your resume/CV and unofficial transcript to Jesus Ruiz at jruiztej@hs.uci.edu.

Deadline to apply is **Friday, May 3rd at 11:59 PM**.

Seeking Undergraduate Researcher(s) Interested in Structural Biology and Immunology

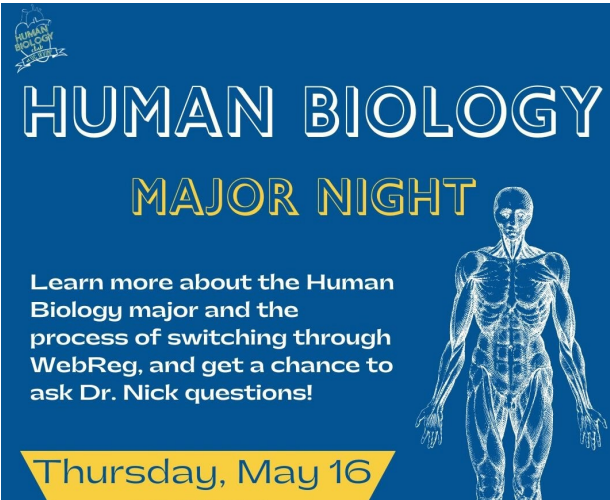
Our lab studies how novel proteins function in the context of innate immunity. Pertaining to this position, we study how proteins originating in bacteria which are now in fungi have since been repurposed by their new organisms. An undergraduate researcher(s) in the lab would assist in the preparation, expression, and purification of these proteins as well as their structural determination (figuring out how they look in the cell) via X-ray crystallography.

We're looking for 1-2 students who would be available to come to the lab for somewhere between 5 to 10 hours per week for stretches of at least 3 hours at a time. Previous protein science experience would of course be preferred, but is definitely not required. Priority will be given to students with prior lab experience!

If you are interested, please contact Ali Nabhani at nabhania@uci.edu. **The deadline to apply is May 6th.**

7. Human Biology Major Night - May 16

Human Biology Club will be hosting a Human Biology Major Night on **Thursday of Week 7 (May 16th) from 7-8 PM at HIB 110**. If you are interested in specializing in Human Biology or want to learn more about what Human Biology is and what this major has to offer, come join us! Our Human Biology professor, Dr. Nick, will be giving a presentation about the major and answer any of your questions. We will also be providing pizza for dinner, so bring a friend and we hope to see you there!



The poster features a blue background with a white anatomical illustration of a human figure showing muscles and internal organs. The text is in white and yellow. At the top left is a small logo for the Human Biology Club. The main title 'HUMAN BIOLOGY' is in large white letters, with 'MAJOR NIGHT' below it in yellow. The text 'Learn more about the Human Biology major and the process of switching through WebReg, and get a chance to ask Dr. Nick questions!' is in white. At the bottom, a yellow banner contains the date 'Thursday, May 16' in white.

HUMAN BIOLOGY
MAJOR NIGHT

Learn more about the Human Biology major and the process of switching through WebReg, and get a chance to ask Dr. Nick questions!

Thursday, May 16



8. Annual UC Survey of the Undergrad Experience - Chance to Win a Gift Card!

Participate in the annual UC survey of the undergraduate experience, and win a giftcard!

Your feedback on the UC Undergrad Experience Survey helps faculty, advisors, and administrators from across the UC system understand and improve programs for our students.

Plus, every week nine survey participants will win a \$50 Amazon.com gift card. When the survey closes, one grand prize winner will win a \$250 Amazon.com gift card!

[Take the UCUES Survey now!](#)

9. Cal Fresh Enrollment Party - May 15th!

The CalFresh Enrollment Party will take place on **Wednesday, May 15th from 9:00am-4:00pm**. It will be held on campus at **UCI Flagpoles** by the roundabout.

Students who attend the event can **submit their CalFresh application and complete their interview with the county on the same day!** Students who are approved will receive their EBT (Electronic Transfer Benefits) Card and will be able to use their benefits more quickly than with the typical 30-day processing time!

To learn more and register for the event students can fill out our Registration/Pre-Screen form at <https://cglink.me/2eo/s82422>

Have questions about the CalFresh Enrollment Party? Email calfresh@uci.edu

