

# Environmental Toxicology

## Jobs, Internships, and Activities Newsletter

February 14th, 2019

*Prepared by ETX Undergraduate Advising Services*

**\* Indicates new listing**

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## **Announcements**

### **ETX127 Bodega Marine Lab Information Session\*\***

**When: Tuesday, February 19th, 5:00-6:45 PM**

**Where: 1138 Meyer Hall (Foster Room)**

Gain research experience and training while spending Summer Session I at the UC Davis Bodega Marine Laboratory! Pizza and refreshments will be served at the session.

### **Last Day to Submit Abstract for Undergraduate Research Conference\*\***

**Final Abstract Submission Due Feb 19, 2019 4:00 PM**

**Register Here:** <https://urc.ucdavis.edu/step-2-abstract-submission>

If you are interested in presenting your research at the Undergraduate Research Conference, don't forget to register! Since priority registration has passed, applicants that completed with approved abstracts will be registered to present as space allows, but no applications will be accepted after the final deadline.

### **Wildlands Studies: Quarter-long Abroad Programs**

Visit their website for full project descriptions, photos, and more:

<https://wildlandsstudies.campbrainregistration.com/>

Through Wildlands Studies field courses, students learn valuable research techniques and gain a tremendous advantage in their graduate school applications. All programs have space available. Apply now!

Spring 2019: Australia and South Africa

Summer 2019: Alaska, Belize, Australia, Yellowstone, Big Sur, Channel Islands

Fall 2019: New Zealand, Peru, Nepal

Winter 2020: Chile, Ecuador, Thailand/Indonesia, the Pacific Islands

Spring 2020: South Africa, Cuba, Indian Himalaya

### **Winter Internship and Career Fair**

**When: Wednesday, February 27th, 2019 10 a.m.- 2 p.m.**

**Where: ARC Pavilion at UC Davis**

It's time to get your resumes ready! The Winter Internship and Career Fair is a great way to network with employers and to find your next job or internship. If you need help getting started, visit the ICC Website for information on Resume Workshops and more!

<https://icc.sf.ucdavis.edu/>

### **Wildlife Conference: "Discover Your Niche"**

**When: Saturday, March 9th, 8:30 AM - 5 PM**

**Where: Wellman Hall**

This Winter quarter, the Wildlife Society- UC Davis Student Chapter will be hosting our first ever Wildlife Conference, "Discover Your Niche"!

Events include guest speakers (such as the past Chief Deputy Director of California Department of Fish and Wildlife, Kevin Hunting) field method workshops, research presentations and networking opportunities with professionals, graduate students, and

more! Attendees will be provided with a light breakfast as well as a catered lunch from Dos Coyotes.

The registration fee is \$15 which will cover breakfast and lunch. All other activities and merchandise come completely free. This event is open to everyone, including professionals, graduate students, nonmembers and students from other institutions.

You can pay for your registration through this link:

<https://the-wildlife-society-2019-conference.cheddarup.com/>

## **SHCS Career Counseling**

### **Where: North Hall**

The SHCS is providing career counseling for registered UC Davis students. They offer individual or group counseling, helping students identify their strengths, career goals, and self concepts. Please visit <https://shcs.ucdavis.edu/career-counseling> for more information and scheduling appointments.

## **Seniors: Get Your Degree Worksheet Signed and Turned In**

Those in Senior standing who wish to graduate in Winter 2019, need to see their faculty advisor and get a signature showing approval of their Restricted Electives list. This is necessary for graduation. You should have received an email reminding you of who your faculty advisor is. You should see them after completing this form:

[http://etox.ucdavis.edu/files/8514/6179/4864/ETX\\_Requirements\\_Checklist\\_2012-14\\_-\\_NEW.pdf](http://etox.ucdavis.edu/files/8514/6179/4864/ETX_Requirements_Checklist_2012-14_-_NEW.pdf)

This includes restricted electives that you plan to take before graduating, but have not taken yet.

## **Important Dates/ Deadlines**

- Pass 2: February 25 - March 8
- Last Day to File to Graduate Spring 2019: March 15
- Last Day to Register to Walk Spring Commencement: April 12



# Jobs and Internships

## Aggie Job Link

This section of the newsletter includes the Aggie Job Link ID numbers that you can use to search for job or internship positions. If you do not already have an account, go to [Aggie Job Link](#), hit the “register” button, and sign up to customize your profile.

**\*\*Indicates new listing\*\***

<u>Job/Internship Title</u>	<u>Deadline</u>	<u>AJL ID #</u>
Teh Aquatic Toxicology Lab Student Assistant	February 15, 2019	847142
InSight Labs Research Scientist	February 15, 2019	846678
Occupational Health Intern (Summer 2019)	February 15, 2019	846302
Fish Care Technician	February 28, 2019	845603
Chevron Toxicology Intern (Summer 2019)	TBA	
Regulatory Affairs Laboratory Support Intern	March 29, 2019	844685
Neurobiology, Physiology and Behavior Lab Assistant	March 31, 2019	846020
Molecular Biology & Biochemistry Lab Webmaster	March 31, 2019	842994
Zymergen Scientific Intern, Products (Summer 2019)**	Apr 24, 2019	846291
CA Air Resources Board Student Assistant	May 10, 2019	838731
Environmental Resource Program Volunteer Intern: Stormwater Quality Intern	May 18, 2019	826322
Plant Biochemistry Intern	August 30, 2019	291790

## **Teh Aquatic Toxicology Lab Student Assistant\*\***

### **Location: Davis**

This position supports research activities in the Aquatic Health Program Laboratory. The employee will be involved in processing field water samples for collecting particulate organic matter, culturing fish, phytoplankton and invertebrates, and receiving water samples from a collaborator located in West Sacramento. Other general laboratory duties such as glassware washing and preparation, housekeeping duties, data entry, will be as needed. Must have a valid CA driver's license and vehicle.

### **InSight Labs Research Scientist\*\***

**Location: Davis**

Students interested in food science, quality and microbiology should apply to become a research scientist for InSight Labs. The internship lasts three months for winter quarter. Abilities looked for are to independently circumvent challenges and contribute to the team, to communicate effectively, to be familiar with operation and daily maintenance of common laboratory food processing equipment, to be knowledgeable on food microbial analysis and ensuring safety procedures are followed, and to synthesize data, interpret, and provide recommendations.

### **Occupational Health (OHIP) Intern\*\***

**Location: San Francisco Bay Area, Los Angeles, New York City, Chicago, Washington, D.C, New Orleans and Wyoming**

Students will work on teams to investigate a job-related problem identified by a group of workers. The purpose of OHIP is to provide an experiential learning process: students will learn about the field of occupational health and safety from the perspective of workers. Project work emphasizes worker interviews and worksite tours combined with research. Teams produce a final report to share with workers and other student teams. Full time for 9 weeks from June 17 to August 16, 2019, with possible evening or weekend meetings, depending on project.

### **Fish Care Technician\*\***

**Location: Davis**

This position is only open to students who qualify for work-study. Responsibilities include working on their own, following complex SOP's based on requirements from IACUC, and performing daily duties for maintenance and care of fish which include, recording temperature of tanks, Feeding Fish, siphoning Debris, cleaning filters, refilling water in tanks, and checking the conditions of the fish in the tanks. Weekly Duties will also need to be performed which include daily duties, and water quality tests. Water Quality tests include pH of water in tanks, and ammonia test in each tank, and Dissolved oxygen levels in each tank. Responsibilities may also include troubleshooting specialized equipment used to maintain the fish including but not limited to filters, pumps, heaters, and chillers.

### **Zymergen Scientific Intern\*\***

**Location: Emeryville, California**

Products interns will gain exposure to, not only modern organic chemistry and analytical methodologies, but also design of experiments, modern automation, and beyond. Additionally, the candidate will have the opportunity to participate in the growing transitions and planning stages of Zymergen as a startup, which has tripled in size since 2015. Areas of focus may include conducting literature study/search within project's scope of work and further explore pertinent literature as appropriate, designing and conducting experiments in synthetic organic chemistry lab, understanding analysis of experimental results and draw conclusions, and perform analytical and materials testing on developed products (i.e. performance, environmental stability, etc.).

## **Chevron Technology Intern (Summer 2019)**

### **Location: Houston/San Francisco**

Chevron is interested in both undergraduate and graduate students for a summer toxicology internship. Application details are TBD, but if interested email your Chevron liaison for more information. Bernabe Muñoz, a current toxicologist with Chevron, an ETOX alumni and past peer advisor can be reached at . Flyer for more info <https://drive.google.com/file/d/0B0HlPbgxlyPiSXdMOWZKQzI0MUhfaUw0ajNqQ0VodHF/SQ2tr/view?usp=sharing>

## **Neurobiology, Physiology and Behavior Lab Assistant**

### **Location: Davis**

The Department of Neurobiology, Physiology and Behavior is looking for a student to assist as a paid assistant in an on campus lab. Assist with ongoing work in active basic biomedical research laboratory in areas such as but not limited to general lab work (e.g. dishwashing, restocking, assay assistance, general lab maintenance, etc.) and project administration (e.g., data entry, database management, document filing, etc.). These are not research internship positions. Preference will be given to students with work study funds, a flexible schedule, and a minimum of 8 hrs/week (M-F 8am-6pm).

## **Cepheid Regulatory Affairs Laboratory Support Intern (Summer 2019)**

### **Location: Sunnyvale**

As a part of the International Regulatory Affairs group, the Regulatory Affairs Laboratory Support Intern will work in the lab to conduct the analytical testing that is required for international regulatory submissions. Responsibilities include following provided test plan, perform analytical test including limit of detection, inclusivity, exclusivity, precision, interfering substance, and etc.

## **Environmental Health and Safety Intern**

### **Location: Sacramento**

Origin Materials is a materials technology company focused on commercializing sustainable chemicals from renewable feedstocks. We currently have an Environmental Health & Safety (EH&S) Intern position available at our West Sacramento, CA Headquarters. The EH&S Intern is responsible for a variety of safety-related duties that will assist the Environmental Health & Safety Department in maintaining a safe environment for all employees and visitors.

## **Webmaster for Molecular Biology & Biochemistry Lab**

### **Location: Davis**

A Molecular Biology & Biochemistry Lab is seeking a freshman, sophomore, or junior intern that is competent in basic web design. This is an unpaid internship for credit. Great opportunity for freshmen who want to get involved early.

## **CA Air Resources Board Student Assistant**

### **Location: Sacramento**

The successful candidate will work in a training level capacity to assist in maintaining and enhancing CARB's comprehensive, statewide meteorological database.

## Environmental Resource Program: Stormwater Quality Intern

### Location: Davis

Assist at public workshops and events, distribute outreach materials, generate social media content about pollution prevention issues, conduct research on new projects, perform field surveys, record field data, assist with field sampling, assist in developing field reporting format, develop mapping tools, do analytical work on data and mapping trends, and assist with outreach to businesses on pollution prevention, and assist with other pollution prevention program activities. For more information, contact Rhys Rowland at RRowland@CityofDavis.org.

## Plant Biochemistry Intern

### Location: Davis

Intern will assist with project aimed at understanding the relation between lipids and salt stress adaptation in plants. Intern will learn many techniques related to molecular biology, biochemistry and plant physiology, including PCR, DNA isolation and manipulation, protein over-expression, and protein purification, and lipid profiling. Positions includes research (volunteer) and repetitive work (paid). Looking for Sophomore or Junior science student to begin now and continue until their graduation (1.5-2 years).

## Additional Career and Job Opportunities

- [ETOX Career and Job Opportunities Brochure](#)
- [SOT Resource Guide to Careers in Toxicology](#)
- [Alumni Employment list](#)
- [Aggie Job Link](#)



## Financial Support

### Prestigious Scholarships

Each scholarship provides funding that students can use after completing their bachelor's degree, with applications being accepted from students who will graduate in 2018-19. Applications are available to the following scholarships:

Please email Prestigious Scholarship Advisor ([scholarships@ucdavis.edu](mailto:scholarships@ucdavis.edu)) with your availability and specific program(s) you are interested in to have an appointment scheduled.

For more Information: <http://financialaid.ucdavis.edu/scholarships/Prestigious.html>

### Sonoma County Fair Flower Show Scholarship

Scholarships ranging from \$1,000 to \$2,500 will be awarded to students attending a 4-year university. Open to any student whose family resides in Sonoma or Marin Counties. Link for more information:

<https://drive.google.com/file/d/0B0HlpgxlyPiU0tCem0waXBYymNRRWhFY0FBMHVSeUpFWjRN/view?usp=sharing>

## **Farm Bureau of San Diego County Scholarship**

Eligible students must be pursuing a course of study in agriculture/horticulture or a closely related field. Must have a permanent residence in San Diego County. Link for more information:

<https://drive.google.com/file/d/0B0HlpbgxlyPiRmNXM0wzZkV1d1BJTnJVGRUX3ZvNEIQcVBn/view?usp=sharing>

## **Emil M. Mrak Student Loan Program**

The Emil M. Mrak Student Loan Program provides subsidized loans for eligible CA&ES students with financial need. For more information and access to the application, please visit [financialaid.ucdavis.edu/loans/specific/mrak.html](http://financialaid.ucdavis.edu/loans/specific/mrak.html).

## **Benjamin Gilman Study Abroad Scholarship**

The Gilman Scholarship is sponsored by the Bureau of Educational and Cultural Affairs at the U.S. Department of State and provides funding to enable students of limited financial means to study or intern abroad worldwide. The program provides awards of up to \$5,000 for undergraduate students to study abroad for up to one year.

Interested students are encouraged to visit with [UC Davis Study Abroad](#) to find and select an eligible program. For application advising and essay review, please contact Scott Palmer from the Undergraduate and Prestigious Scholarships Office.

Additional information including application timelines, selection criteria, application tips, and webinars can be obtained at the [Benjamin A. Gilman International Scholarship website](#). Please visit [here](#) to begin an application.

## **Latinos in Technology Scholarship**

This scholarship, established with Silicon Valley Community Foundation (SVCF) by the Hispanic Foundation of Silicon Valley, will present up to 100 Latino students with up to \$30,000 in scholarship aid to help them continue their education in science, technology, engineering and math (STEM) programs. Recipients will also have the opportunity to be placed into internships with leading companies in Silicon Valley. More information can be found here: <http://www.siliconvalleycf.org/scholarships/lit>

## **Blum Center Summer Fellows Award: Poverty Alleviation Through Action (PATA)**

The Blum Center for Developing Economies, in a joint initiative with the College of Letters & Sciences, the College of Engineering, and the College of Agricultural & Environmental Sciences, is offering a limited number of grants (\$70,000 in grants) for undergraduate students. Poverty Alleviation Through Action (PATA) is a grants program administered by the UC Davis Blum Center for Developing Economies (website: [blumcenter.ucdavis.edu](http://blumcenter.ucdavis.edu)). The PATA grants program offers partial funding to pursue fieldwork on poverty alleviation and/or inequality, preferentially but not exclusively, in a developing country.

Visit [blumcenter.ucdavis.edu](http://blumcenter.ucdavis.edu) to download the Poverty Alleviation Through Action (PATA) application.

## Food Security Programs at UC Davis

[Aggie Meal Share](#) is a Financial Aid program that provides meals to students who qualify for assistant (Application needed).

[The ASUCD Pantry](#) provides food and other supplies, such as toiletries, to UC Davis Students most in need.

[The Yolo Food Bank](#) provides food to support community members in Yolo County.

[The CalFresh program](#) can add to your food budget to put healthy and nutritious food on the table. The program issues monthly electronic benefits that can be used to buy most foods at markets and food stores.

[Fruit and Veggie Up](#) distributes free fresh produce to all registered students.



## Helpful Resources

### Environmental Toxicology Advising

ETOX Peer advisors are here to answer any questions you may have about four-year plans, major requirements, important forms, and more! Come stop into the Peer Advising room (4204 Meyer Hall) during our advising hours or send us an email.

### Peer Advising Hours for Winter 2019

**Kathy Tran (kahtran@ucdavis.edu)**      **Jeannette Huynh (thhuynh@ucdavis.edu)**

M: 10:30 AM - 12:30 PM

M: 1:00 - 3:30 PM

T: 3:30 - 5:00 PM

T: 1:00 - 3:00 PM

W: 10:00 - 11:30 AM

W & F: 1:30 - 3:30 PM

R: 2:00 - 4:00 PM

R: 12:00 - 3:30 PM

### College of Agricultural and Environmental Sciences (CAES) Advising

The Dean's Office Advisors are here to help you with navigating college requirements such as General Education Requirements (GEs) and the English Composition Requirement. Students may schedule an appointment with a Dean's Office academic counselor between the hours of 9 a.m. and 12 p.m., and between 1 p.m. and 4 p.m., Monday through Friday. Drop-in appointments are available with academic peer advisers during most hours. Current students can schedule an appointment using the online [Messaging & Appointment System](#).

**\*\*\* Seniors \*\*\*** Complete a [Preliminary Degree Certification](#) - submit form to the College of Agricultural & Environmental Sciences Dean's Office.

## **Internship and Career Center Advising (ICC)**

The UC Davis Internship & Career Center (ICC) offers general counseling on all ICC resources and help with the online job database Aggie Job Link, group-advising sessions on interviewing, resume writing, job searching and more! [Event Schedule](#)

See an ICC's CAES Program Advisor. Drop-in Mon - Fri, 10am-4pm, 2<sup>nd</sup> Floor South Hall. Program Advisors can provide in-depth career exploration and referrals, internship and job search strategies beyond Aggie Job Link, and information on transcript notation. They can also critique your resume and cover letter.

To schedule an appointment, call reception at 530-752-2855 (option 7) or email [iccaes@ucdavis.edu](mailto:iccaes@ucdavis.edu)

Quick Questions can also be addressed to: [iccaes@ucdavis.edu](mailto:iccaes@ucdavis.edu)

Read more at <http://iccweb.ucdavis.edu/AES/index.htm>

## **Health Professions Advising**

The office of Health Professions Advising serves all UCD undergraduates, graduate students and alumni pursuing any health profession or allied health field.

Pre-Health or Pre-Med students should definitely contact this group!

Email: [healthprofessionsadvising@ucdavis.edu](mailto:healthprofessionsadvising@ucdavis.edu)

Location: 1090 Orchard Rd.

Website: <http://hpa.ucdavis.edu/>

## **Tutoring and Workshops at the Student Academic Success Center (SASC)**

Reference the General Study Skills workshop schedule and information about tutoring and various other services offered by the Student Academic Success Center during fall quarter. A complete set of workshop schedules are available at

<http://success.ucdavis.edu/academic/index.html>

and <http://success.ucdavis.edu/international/index.html>

SASC workshops are offered weekly, free, and students are not required to register.

Questions? Contact Arnette Bates at 530-752-9301 or call the service desk at 752-2013.

### **Links for more information...**

#### ***Drop-in Tutoring***

<http://success.ucdavis.edu/academic/dropin.html>

#### ***Math and Science Workshops***

<http://success.ucdavis.edu/academic/workshops-math-sci.html>

#### ***Academic Assistance and Tutoring – General Information***

<http://success.ucdavis.edu/academic/index.html>