

Environmental Toxicology

Jobs, Internships, and Activities Newsletter

October 22nd, 2019

Prepared by ETX Undergraduate Advising Services

*** Indicates new listing**

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Announcements

Fun Run

When: Saturday, November 2 9:00 - 12:00 PM

Where: Birch Lane Elementary

Join staff members from the College of Agriculture and Environmental Sciences Dean's Office for a day of service! Come help manage the course and cheer on children!

Transportation will be provided. Please sign up [here](#).

Seed to Fork Event

When: November 14 11:00 - 7:00 PM

Where: ARC Ballroom, UC Davis Campus

Students will have several opportunities to meet people in industry who are looking for interns and permanent employees. It includes lunch and speed networking from 11:30 - 2:00PM where students will meet 12 local seed/ag/agbio/food companies. After that there will be a panel discussion about the breadth and depth of this fast growing ecosystem, the roots of its strength, how its main component parts work together, and factors of its future growth and success. Then there will be a student research poster session where 25 seed, ag and food sector companies from the greater Woodland area will exhibit and provide information about the products, services and career opportunities they offer from 5:30 - 7:00PM. To register for the speed networking portion and/or the student research poster session, please email Francois Korn:

fkorn@seedcentral.org

Mechanism Press Hiring

Mechanism Press is a student-run publishing firm. Its literary magazine, *Open Ceilings*, was created to provide a platform for creative writers, photographers, and artists to publish and share their work in print. This year, the board is looking to expand by hiring a graphics director, assistant copy editor, assistant board director, special events director, publicity director, finance director, submissions committee chair, and submission committee member(s) to work on the Summer 2020 issue. Visit

<https://aggielife.ucdavis.edu/organization/mechanismpress> to find detailed job descriptions and the application. **Deadline to apply is November 30th, 2019!**

NSF LSAMP/CAMP and MURPPS

The NSF LSAMP/California Alliance for Minority Participation ([CAMP](#)) and Mentorships for Undergraduate Research Participants in the Physical and Mathematical Sciences ([MURPPS](#)) programs aim to recruit and retain students by promoting faculty-mentored research and professional development. These programs give students the opportunity to gain critical thinking, communication, and leadership skills; to engage in faculty-mentored research; to present their research; to travel to conferences; to attend exclusive workshops for professional development; and to network with science professionals and fellow pioneers in STEM. Apply [here](#)! For questions or concerns, email Lolita Adkins at

lnelson@ucdavis.edu

ETOX Drop-In Advising

For hours and contact information:

<http://etox.ucdavis.edu/student/undergraduate/advising-information/>

Where: 4204 Meyer Hall

Welcome new and returning ETOX students, the peer advisers would like to invite you to our drop-in hours for all of your academic planning and advising needs. We can help with study plans, class recommendations, and any general questions you have about the major and the university. Drop-in means no appointment is necessary to meet with us, but feel free to send either of us an email to introduce yourself and start your advising early!

ETOX Holiday Party

When: Tuesday, December 3 Doors open at 5:30 PM, Dinner begins at 6:00 PM

Where: International House (10 College Park, Davis, CA)

Save the date for the ETOX Department's annual Holiday Party! All students, faculty, and staff are invited to this holiday dinner! More information coming soon.

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 Fall 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 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. Please turn it into a peer adviser!

Important Dates/ Deadlines

- Fall 2019 Schedule Adjustment through **Oct. 29**
- Winter 2020 pass times are available to view on **Oct. 28**
- Last day to switch to Pass/No Pass is the 25th day! **Oct. 29**
- Winter 2020 Pass 1 Appointments Begins! **Nov. 4**
- Winter 2020 Pass 1 Appointments Ends! **Nov. 15**

Jobs and Internships

Handshake

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

****Indicates new listing****

<u>Job/Internship Title</u>	<u>Deadline</u>	<u>Handshake Link ID #</u>
Student Plant Lab Assistant	10/31/19 5:00pm	2971891
Biochemistry Intern	11/29/19 5:00pm	3070539
Western Grower Participant	11/03/2019 5:00pm	3219422
Novogene Laboratory Technician	11/30/19 9:00 am	2633371
Student Tissue Culture Lab Assistant	12/31/19 11:55pm	3085450
Inhalation Toxicology Research Intern	4/24/20 8:35 am	2666731
Internship - Malaria Vaccine	5/2/20 11:15am	2694841
ChemWiki Student Assistant	6/30/20 9:00 am	2675943

Student Plant Lab Assistant

Location: Davis, California

The Plant Science Laboratory of Professor Maciej Zwieniecki at UC Davis is hiring two student lab assistants to work on a project called the Carbohydrate Observatory. This project studies the role carbohydrates play in various nut-tree species. The lab assistants will be responsible for driving to field sites across the state to collect samples of branches in orchards; processing samples by chopping and grinding the wood material; extracting sugars and starches from this material using chemical methods; inputting data into excel and data quality control.

Marrone Bio Innovations - Biochemistry Intern

Location: Davis California

Marrone Bio Innovations is seeking a student intern in the Dept. of Microbiology and Molecular Plant Pathology to assist with laboratory studies related to the development of microbial biopesticides. The intern will support scientists in a variety of laboratory experimentation as required, with a focus on biochemistry and protein research.

Western Grower Careers In Agriculture Trek Participant

Location: Coachella, California

Apply to participate in the Western Growers' Careers in Ag program through UC Davis. This highly competitive program will provide the opportunity for UC Davis STEM students to network with professionals in the field of Agriculture and learn about career and internship opportunities in the Coachella and Imperial Valleys of California and Yuma, Arizona. Find out what exciting opportunities are available! It is an all-expense-paid three day career exploration tour of agriculture and technology operations. This event is provided at NO COST to the student.

Please submit a Resume and Cover Letter on Handshake. In the Cover Letter, please include why you are interested in going on this Career Trek.

Novogene Laboratory Technician (Full Time)

Location: Sacramento, California

Laboratory technician will perform various testing procedures on scientific samples used to technical services, sample (genomic DNA & RNA) preparation procedures, procedures in whole genome and whole exome sequencing workflow, and sample and assay level quality control. The technician will also prepare and maintain documentation to support the Quality Management System.

Student Tissue Culture Lab Assistant

Location: Davis, California

Assist with the preparation of tissue culture media, transfer of tissue culture explants, and organization and cleaning of lab glassware and equipment. Additionally the student assistant is responsible for the maintenance and training of container grown grape vines; collecting and training field grown vines, and the track and organization of the nursery

Inhalation Toxicology Research Intern (Full time/Temporary)

Location: Silver Spring, Maryland

As a subordinate element of the U.S. Army Medical Research and Materiel Command (USAMRMC), the institute conducts research for development of medical countermeasures to treat exposure to various chemical threat agents. The candidate will have focuses in: assisting with applied laboratory based experiments and producing data on the effects of various inhaled chemical agents and medical countermeasures in various animal species. Other focuses will include: participating in animal research and the handling and collection of tissues from animals exposed to various chemicals, all in compliance with IACUC protocols and learning to compile, analyze, and present experimental data using various spreadsheet, statistical analysis, and presentation programs.

Internship - Malaria Vaccine (Full time/Temporary)

Location: Silver Spring, Maryland

The Malaria Vaccine branch at Walter Reed Army Institute of Research is looking for someone to work full time for twelve months on developing vaccine antigen delivery platforms. The participant will have a mentor to work with on on-going research. The participant will learn protein expression, purification and characterization (bacteria culture, HPLC, FPLC, SDS-PAGE, ect..). The participant will also have the opportunity to learn immunological assays such as ELISA and ELISPOT.

ChemWiki Student Assistant (Part Time)

Location: Davis, California

The ChemWiki student assistant will design pages and update content for the the STEMWikis of the online Hyperlibrary project (see ChemWiki.ucdavis.edu). Experience with WordPress and other Blog or content management systems applications (or a desire to learn) is desired as is knowledge of website organization and design, (e.g., HTML). Although not required, a general interest in science communication and chemical/biological sciences is also preferred. The designer will work under faculty supervision to design and update pages, where creativity and design ideas are encouraged. The ability to work both independently and collaboratively is essential. Other duties as assigned.

Additional Career and Job Opportunities

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



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 2019-20. Applications are available to the following scholarships:

Please email Prestigious Scholarship Advisor (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>

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.

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). 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 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 Fall 2019

Naomi Liu (nhliu@ucdavis.edu)

Jocelyn Molina (jaymolina@ucdavis.edu)

M: 11:00 - 1:30 PM

M: 2:10 - 4:00 PM

T: 10:30 - 12:00 PM

T: 11:00 - 2:00 PM

W: 11:00 - 1:30 PM

W: 2:10 - 4:00 PM

F: 11:00 - 1:30 PM

F: 2:10 - 4:00 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, 2nd 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

Quick Questions can also be addressed to: 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

Location: 1090 Orchard Rd.

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

Tutoring and Workshops by the Office of Educational Opportunity and Enrichment Services (OEOES) and the Academic Assistance and Tutoring Center (AATC)

Reference the General Study Skills workshop schedule and information about tutoring and various other services offered by the Office of Educational Opportunity and Enrichment Services (OEOES) and Academic Assistance and Tutoring Centers (AATC) during winter quarter. A complete set of workshop schedules are available at <https://opportunity.ucdavis.edu/services/scls/workshops>.

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

Questions? Contact OEOES at (530) 752-4475 or call the AATC at (530) 752-2013 for information about their respective workshops.

Links for more information...

Academic Assistance and Tutoring – General Information

<https://tutoring.ucdavis.edu/>

Drop-in Tutoring Schedules

<https://tutoring.ucdavis.edu/all-drop-in>

Math and Science Workshops

<https://tutoring.ucdavis.edu/math>

<https://tutoring.ucdavis.edu/chemistry>