

Environmental Toxicology

Jobs, Internships, and Activities Newsletter

January 6th, 2019

Prepared by ETX Undergraduate Advising Services

*** Indicates new listing**

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Announcements

Legacy Celebration

The Nautilus Program at McClellan Nuclear Research Center (MNRC) is a STEM Education program sponsored by the Office of Naval Research and is intended to inspire, educate, and encourage students to pursue STEM related careers that possibly include the Navy's Nuclear Program. *The Nautilus Program's* name commemorates America's first Nuclear powered submarine-USS Nautilus (SSN-571) that had its maiden voyage 65 years ago on January 17, 1955. MNRC reactor's initial criticality occurred 30 years ago, on January 20, 1990, as MNRC was symbolically "underway on nuclear power". Transportation and lunch will be provided for the annual event on Friday, January 17 from 11:30 am to 1:30 pm.

To register for this event, please visit: <https://mnrclegacycelebration.eventbrite.com>.

Van Winkle Lab Assistant

Van Winkle Lab at the UCD Health and Environment is looking for an undergraduate research assistant for the new year. They are a respiratory toxicology lab, studying the effects of various environmental pollutants on lung health. It's an 8 hour per week commitment. If you're interested, please send your resume and cover letter to Patti Edwards at pcedwards@ucdavis.edu.

Global Health Corps Applications

We believe the most powerful lever of change in global health is great leadership. GHC is a leadership development organization devoted to recruiting and training the next generation of leaders in global health equity. Learn more [here](#). Fellowship applications for 2020-2021 open December 4 until January 15.

ScribeAmerica

If you need clinical experience apply to ScribeAmerica at <https://scribeamerica.wd1.myworkdayjobs.com/ScribeAmerica/1/refreshFacet/318c8bb6f553100021d223d9780d30be> to become a medical scribe. Training is paid.

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!

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.

Important Dates/ Deadlines

- 10 day drop deadline! **Jan. 17**
- Deadline to add courses! **Jan. 22**
- Pass times available! **Jan. 27**
- 20 day drop deadline! **Feb. 3**
- Pass 1 appointments! **Feb. 3 - Feb. 14**
- Deadline for P/NP! **Feb. 10**



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>
Ophthalmology Research Intern	1/30/20 5:00 pm	3210217
Academic Center Tutor	1/31/19 3:30 pm	2773649
Pacific EcoRisk Lab Assistant**	2/29/20 11:55am	3408145
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
Jr Research Specialist UCDMC**	6/30/20 11:55 pm	2999513
Animal Behavior and Rescue Intern	7/30/20 12:00 am	2925370
Surgical Research Intern	8/20/20 4:55 pm	2962713

Ophthalmology Research Intern

Location: UC Davis School of Medicine on the UC Davis Campus

The lab is investigating molecular mechanisms for both normal aging and age-related diseases leading to blindness. Our long term goal is to identify viable targets for therapy to prevent vision loss. The laboratory is in the Dept. of Ophthalmology, and provides interactions with MDs: residents, fellows and retina surgeons; thus, it is ideal for students planning to attend medical or graduate school. Laboratory tasks to include, but not limited to: General lab maintenance, RNA and DNA isolations, qPCR, genome engineering, microarrays, tissue culture, immunohistochemistry, in situ hybridization and animal handling.

Academic Center Tutor (paid)

Location: Davis, California

Meet one-on-one with local Davis highschool students to tutor in all subject areas. You must be available 8 hours a week during the following times: Monday through Thursday 7:30 - 4:30 pm and Friday 7:30 - 3:30 pm. Bilingual is preferred.

Pacific EcoRisk Lab Assistant (paid)**

Location: Fairfield, California

Environmental Aquatic Toxicology Lab in Fairfield, CA has an entry-level Lab Assistant position (part-time or full-time) open for immediate hire. Prior work or academic experience in a related field is helpful but not required; training will be provided in all activities. Positive attitude and ability to get along with others is absolutely essential. Please see job specifications below. To apply send resume to recruiting@pacificecorisk.com.

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.

Jr. Research Specialist UCDCMC (Full time)

Location: Sacramento

The Division of Pulmonary, Critical Care and Sleep Medicine in the Department of Internal Medicine at the University of California, Davis invites applications for a qualified Junior Specialist. The Junior Specialist will be involved in studies on the role of airway structural cells (epithelial cells and smooth muscle) in asthma, COPD and ACO. The studies will also investigate cellular and molecular pathways related to glucocorticoid receptor function and the role of innate immune regulation.

Animal Behavior and Rescue Intern (unpaid)

Location: Davis, California

Yolo County's SPCA (Society for the Prevention of Cruelty to Animals) is looking for interns that are able to commit at least 2 hours a week for 20 weeks to interact with foster dogs at events, encourage socialization, assist with dog-dog interactions and supervise play groups.

Surgical Research Intern (unpaid)

Location: Davis, California

Assist in a Surgical Research Facility on the Davis Campus, sponsored by the School of Medicine. Learn to restrain pigs, sheep and rabbits for surgical procedures as well as learn skills such as venipuncture, intubation, maintenance of general anesthesia and pre and post-op care. You will also prepare surgical packs, run an autoclave, prepare the Operating Room for surgical procedures, clean the Operating Room following surgery, perform inventory and general lab maintenance.

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

Donald A. Strauss Scholarship

The Strauss Foundation provides 10-15 annual awards of \$15,000 each to students at one of 14 California colleges and universities, who may each submit up to three proposals. Applicants must be sophomore or junior level standing, be ranked in the top 1/3 of their class, and can be from any citizenship status. Candidates must submit a proposal for a sustainable, innovative public service project to be implemented throughout the course of the 2020-21 academic year anywhere in the world. The application is due **February 3**. Instructions to apply are found [here](#) and you can learn more by watching this [video](#). For assistance with the application process, please Scott Palmer, the Prestigious Scholarship Advisor at scpalmer@ucdavis.edu.

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 Winter 2020

Naomi Liu (nhliu@ucdavis.edu)

Jocelyn Molina (jaymolina@ucdavis.edu)

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>