

Environmental Toxicology

Jobs, Internships, and Activities Newsletter

May 2, 2018

Prepared by ETX Undergraduate Advising Services

*** Indicates new listing**

Announcements

Fragrance-Free Initiative**
SHCS Career Counseling
Drop-in Advising with Health Professions Advising Office
Seniors: Turn in Signed Restricted Elective Worksheets
Important Deadlines Winter 2018
Recommended Courses, Spring Quarter

Jobs & Internships

STEM Programs Search
Hess Lab Research Opening
Campus Recreation
Aggie Job Link Listings **

- Plant Science, GIS, Analytical Chemistry, Environmental Consulting and more!

Financial Support

Prestigious Scholarships
Beckman Scholars Program
Emil M. Mrak Student Loan Program
Blum Center Summer Fellows Award: Poverty Alleviation
Food Security Programs

Helpful Resources

Environmental Toxicology Advising
College of Agricultural and Environmental Sciences (CAES)
Internship and Career Center Advising (ICC)
Drop-in Tutoring and Workshops for Math and Science
Classes



Announcements

Fragrance Free Initiative



The Fragrance-Free Initiative at UC Davis, funded through The Green Initiative Fund, is currently looking for campus feedback! Any and all individuals associated with UC Davis are encouraged to respond!

We are a new coalition of UCD students and faculty that are “scent-sensitive” to synthetic fragrances and other petro-chemicals. We are striving to educate the campus on the dangers of synthetic fragrances and their associated toxic chemicals. We are currently diving into research as well, in attempting to identify the population of campus members that are affected by artificial fragrances. We want to hear from EVERYONE, no matter how sensitive or unaffected.

The campus survey can be found at:

https://docs.google.com/forms/d/e/1FAIpQLSe-oo6cAtjPVyns6O3948GPf1an_Z4hBAUA_LKSUpOubuFUBxA/viewform?usp=sf_link

This should take less than five minutes of your day and will be helpful in assessing prevalence of chemical sensitivities on our campus. Even if you aren't a sensitive individual, we still want to hear your voice! Any and all data we collect will be used to compare to other peer-reviewed studies to see how UC Davis compares to other campuses and even countries (<http://www.drsteinemann.com/publications.html> to look at the work that we have based our research on!).

And of course, come to our **FIRST INFORMATIONAL MEETING** (Friday, May 11th at 4 p.m. in 3201 Hart Hall)! Anyone is welcome, and we look forward to growing our campus community!

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.

Drop-In Advising with the Health Professions Advising Office

When: Fridays 10 AM-12 PM

Where: CA&ES Dean's Office: 150 Mrak Hall

Come by to get your questions answered about professional opportunities in the health fields!

Seniors: Get Your Degree Worksheet Signed and Turned In

Those in Senior standing who wish to graduate in Spring 2018, 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

- **Summer Session Registration NOW!**
- **Fall 2018 Pass Times Available** May 7
- **Fall 2018 Pass 1 Registration** May 14 - 26
- **Spring 2018 Finals Begin** June 8

Recommended Courses (Summer Session 2018)

*****Reminder: Courses listed here can be used as restricted electives, but as always: only with the permission of your faculty advisor.**

ESP 179: Environmental Impact Assessment (SS1)

Dr. Fang

Lecture: 2:10-3:25 MTWR

Discussion: 3:26-3:50 MTWR

Introduction to the information resources and methods typically used in environmental impact analysis. Emphasis on how environmental information is applied to planning, environmental regulation, and public policymaking, with case studies from California land use and natural resource policy.

NPB 114: Gastrointestinal Physiology (SS1)

Dr. Bautista

Lecture: 11:00-1:30 TR

Gastrointestinal anatomy and physiology. Digestion, secretion, absorption, motility, comparative physiology and pathology. Strong emphasis on neural and hormonal regulation and on cellular mechanisms of secretion and absorption.

NPB 152: Hormones and Behavior (SS1)

Dr. Bales

Lecture: 12:10-1:50 TWR

Endocrine physiology with an emphasis on the principles of behavior. Fundamental relationships between hormones and various behaviors engaged in by the organism during its lifetime. Role of hormones in behavioral homeostasis, social behavior, reproductive behavior, parental behavior, adaptation to stress.

EVE 101: Introduction to Evolution (SS1)

Dr. Gerhart-Barley

Multiple Sections Available

General survey of the principles of ecology.



Jobs and Internships

STEM Programs Search

The mission of the Institute for Broadening Participation is to increase diversity in the Science, Technology, Engineering and Mathematics (STEM) workforce.

Deadlines are fast approaching, but we still have 100+ programs in our database that have deadlines coming up in the next 45 days.

All programs in our database are funded programs -- most provide a stipend of around \$3,000 - \$5,000 plus travel and housing.

<http://pathwaystoscience.org/programs.aspx?adv=adv>

Hess Lab Research Opportunity

We are in need of students who are interested in conducting research related to gut microbiomes and emissions from ruminant livestock. We are hoping to gain interns who are willing to work 10-15 hours per week. All class levels will be considered.

Any questions can be directed to bmroque@ucdavis.edu. Applications turned in before March 2 will be prioritized.

The application can be found at <https://www.surveymonkey.com/r/PZCN3Y2>

Campus Recreation and Unions

Location: UC Davis

The Youth Programs summer schedule runs Monday–Friday, June 18–August 24, 2018.

Youth Programs is hiring staff members for the following areas: swim lessons, dance, crafts, and general recreation. Being a member of the Youth Programs team will enhance your leadership style, help to develop your problem solving skills, and provide an exciting team to work on; all while creating fun memories for both you and our community's youth. <https://cru.ucdavis.edu/ypemployment>

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>
Student Intern: OEHHA (Part-Time, 3mo)	June 11, 2018	838699
GIS/Science Summer Intern (Part/Full Time, 3+mo)	May 14, 2018	838230
Field/Laboratory Plant Science Assistant (Part-Time)	May 8, 2018	838561
Environmental Tech Intern (Full-time, 6-12mo)	May 28, 2018	836534
Environmental Due Diligence Consultant (Full-Time)	May 14, 2018	837103

Environmental/Analytical Chemist (Full-Time)	June 29, 2018	838350
Environmental Analyst (Full-Time)	May 20, 2018	836242
Coroner Student Intern	May 19, 2018	838308
Industrial Hygienist/Exposure Assessor (Full-Time)	June 1, 2018	798615
Rat Phenotyping Assistant (Part-Time)	August 9, 2018	829320

Student Intern-OEHHA

Location: Sacramento

Student needed at the Office of Environmental Health Hazard Assessment, at the California Environmental Protection Agency. Student will research impacts of wildfire on communities throughout California. Duties include literature review, online research, summarizing information, and presenting to a team. Student will also use geographic information system (GIS) software to do spatial analysis and create maps based on needs of staff for various projects. The student will perform basic spatial analysis to query and select data, will manipulate databases to filter information, and will create cartographic outputs using the GIS software. The student will work closely with a team of scientists to report findings of analysis. The student will work approximately 20 hours/week in downtown Sacramento throughout Summer of 2018. This position is paid. Pay scales will vary based on the student's grade level and field of study.

GIS/Science Summer Intern

Location: Sacramento

Land IQ, LLC is seeking a GIS/Science Intern in its Sacramento, California office for a minimum of a 3-month internship. This position is expected to be part to full time (24 to 40 hours per week) depending on successful candidate availability.

The successful Intern candidate will be responsible for working with our growing geospatial and land-based sciences team comprised of remote sensing/GIS experts and a range of agronomic, environmental, and science disciplines. Applicants must have strong analytical reasoning skills including some basic exposure to GIS and an environmental, geographical, or agricultural science discipline. Land IQ will work collaboratively with this individual to train them on needed work elements.

This is an environmental consulting position requiring the ability to develop analysis approaches/methodology and work within a team to optimize methods. The applicant must have strong communication skills, readily work in a team environment, and use efficient work approaches. The position will be highly centered on GIS work products, efficient data management, and some spatial interpretation of image resources. Some occasional multi-day travel within the state of California will be required.

Field/Laboratory Plant Science Assistant

Location: Davis, On-Campus

The Eviner Lab is seeking part-time student assistants to assist with field and laboratory work for the remainder of Spring Quarter 2018. Students will primarily work outdoors in grassland ecology research sites with some sample processing indoors. Daily tasks will include the following: collecting aboveground and root biomass samples from sites; removing weed species from experimental plots; set-up and maintenance of research plots; sorting and preparing aboveground and root biomass samples in the laboratory. Work will involve outdoor physical labor under varying weather conditions in a sensitive research environment.

Work will require training and strict adherence to field safety practices, including: heat illness prevention, ergonomics in repetitive field tasks, safe lifting. These positions are paid and cannot be used for academic credit. Positions may be available to continue during Summer 2018 with modified responsibilities (more lab work than field work).

Pay: \$11 hourly

Environmental Tech Intern

Location: McClellan, CA

Tetra Tech is currently looking for an Environmental Tech Intern for its McClellan, CA office location. This is a 6-12 month part-time, entry level Intern position that will assist mid/senior level scientists/engineers/managers in the management of data associated with environmental remediation programs.

- This position requires excellent oral, written, and interpersonal communication skills with the ability to read, analyze, organize and interpret technical documents.
- Must be computer literate and have knowledge of MS Word, PowerPoint, and Excel.
- Ability to understand instructions and perform repetitive tasks.
- Candidate must have a valid Driver License

For more information on our company, please visit our website at www.tetratech.com.

To apply, please submit your resume and cover letter directly on Tetra Tech's website:

<https://tetratech.taleo.net/careersection/1/jobdetail.ftl?job=10000000486&tz=GMT-08%3A00>

Environmental Due-Diligence Consultant

ERM is seeking an entry/mid-level Environmental Due Diligence Consultant to join our Transaction Services technical team in San Francisco, CA. In this role, you will provide technical assistance on due diligence transaction projects for multinational clients, while working across ERM's Performance & Assurance and Contaminated Site Management technical teams on related follow-on project tasks.

This is an excellent career opportunity to join our globally recognized Mergers and Acquisitions Transaction Services team, voted 'Environmental Advisor of the Year' by Acquisitions Monthly.

<https://chp.tbe.taleo.net/chp04/ats/careers/requisition.jsp?org=ERMGINC&cws=1&rid=11862>

Please submit your resume and brief cover letter. Qualified candidates will be contacted by email, and requested to complete a pre-interview OR Video questionnaire.

Environmental Analyst

Location: Sacramento

Analytical Environmental Services (AES), an environmental consulting and planning services firm based in Sacramento, seeks candidates with a strong commitment to providing exceptional client service to join our team and technical proficiency in the area(s) of biology, air quality and/or water quality.

Job duties include preparing NEPA and CEQA documents and assisting with the preparation of technical reports associated with the NEPA/CEQA documents. Typical projects include environmental impact reports (EIRs), environmental impact statements (EISs), water rights projects, water supply, and other types of environmental reports. The position involves regular interaction with clients and regulatory agencies. The successful candidate will also demonstrate the following qualifications:

Candidates should have a practical knowledge of NEPA and CEQA.

Pay: \$15.06 Hourly

www.analyticalcorp.com; email: careers@analyticalcorp.com

Coroner Student Intern

Location: Woodland, CA

This is a year long internship in the Yolo County Coroner's Office. Our office investigates all sudden, violent and unusual deaths that occur within Yolo County, including homicides, motor vehicle collisions, suicides, drug overdoses, etc. Coroner Student Interns assist the Deputy Coroners in all aspects of a medicolegal death investigation including responding to the death scene, assisting the Forensic Pathologist in the autopsy, preparing samples for toxicology, conducting interviews and other day-to-day tasks in the office.

The internship requires 2 full days in the office per week and 1-2 nights of on-call per week. On-call shifts may include responding to death scenes at all hours of the day and night. Our office takes 5 Coroner Student Interns at one time who rotate shifts and on-call.

Qualifications:

- One year commitment
- Current California State Driver's License with own personal transportation to our office in Woodland, CA at all hours of the day and night with a maximum 30-minute commute to office
- Active third or fourth year student
- Knowledge of basic Human Anatomy/Physiology

- Computer proficiency in word processing and data entry
- Superior communication skills (oral and written)
- Clean criminal/drug history
- Ability to maintain sensitive, privileged, and confidential information

Please review additional information here:

<http://www.yolocountysheriff.com/services/coroner/intern-program/>

The tentative start date for the internship is November 2018 and is expected to end November 2019.

Industrial Hygienist/Exposure Assessor

Location: Various

Cardno® ChemRisk, a scientific consulting firm, provides state-of-the-art toxicology, industrial hygiene, epidemiology, and risk assessment services to organizations that confront public health, occupational health, and environmental challenges. We specialize in solving problems of national importance; often related to major regulatory initiatives or mass torts involving occupational exposures.

Typical Responsibilities Include:

- Conducting desktop research including literature searches, and critically evaluating and summarizing scientific information and government regulations
- Conducting, designing or assisting with exposure assessments, human health risk assessments and industrial hygiene surveys
- Evaluating claims raised in various types of toxic tort or personal injury litigation
- Performing statistical analyses
- Performing limited field sampling work

Minimum Requirements:

- BS, MPH or MS in industrial hygiene, exposure science, or related field
- Excellent analytical, written and verbal communication skills
- Some research experience is preferred
- Ability to multitask and work well in a team environment
- Demonstrated passion for IH and/or environmental health

Rat Phenotyping Assistant

Location: On-Campus

A successful candidate will conduct a range of assays to evaluate behavioral phenotypes in rat models of neurodevelopmental disorders, including autism. Students will manage computer run tests, data acquisition, data entry and analysis/statistics. They will be able to assist in carrying out important duties for various research studies and will have opportunities to help develop new behavioral tasks and/or work on independent projects with principal investigator oversight.

This position is perfect for the pre-vet/pre-health/pre-med students interested in learning about neurodevelopmental disorders and becoming involved in exciting research using animal models of neurological disease.

Students will need to come in 2-3 days per week for 2-3 hr each day. The research is carried out on the Davis campus. Availability for the mornings is strongly preferred and possibly some weekends. Please let me know on your application if you are eligible for work study and if you are able to work during the summer.

Pay: \$11 hourly

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 2016-17. Applications are available to the following scholarships:

Please email Prestigious Scholarship Advisor, Scott Palmer (scpalmer@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.



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 Spring 2018

Brian Kerfs (bekerfs@ucdavis.edu) Jeannette Huynh (thhuynh@ucdavis.edu)

Mon: 3:10 - 4:10 PM

Mon: 2:10 - 3:10 PM

Tues: 10:00 AM- 12:00 PM
2:00 - 4:00 PM

Tues: 12:00 - 1:30 PM

Wed: 2:10 -3:40 PM

Wed: 1:10 - 3:10 PM

Thurs: 2:00 - 4:00 PM

Thurs: 12:00 - 1:30 PM

Fri: 1:10 - 3:10 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: 289 Hickey Gym

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>