Environmental Toxicology
Jobs, Internships, and Activities Newsletter
October 18th, 2017
Prepared by ETX Undergraduate Advising Services

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Announcements

Fall Internship and Career Fair
When: Oct. 18, Oct. 19, 10 AM-2 PM
Where: ARC Pavilion
Come by the Fall Internship on October 18 and 19 to meet with potential employers, including The Bay Area Air Quality Management District, California Energy Commission, Environmental Synectics, Hygieia Bio Laboratories, 10X Genomics, Anheuser-Busch, Central Contra Costa Sanitary District, Chevron, Genentech, Lawrence Livermore Labs, Monsanto, and many others.
http://icc.ucdavis.edu/services/fairs/fall/index.htm

An Inconvenient Sequel: Live Q&A with Former Vice President Al Gore
When: Oct. 26, 2PM-5PM
Where: King Hall
The California Environmental Law & Policy Center, in partnership with the UC Davis Environmental Law Society and UC Davis School of Law, is hosting a live video Q&A with Al Gore following a showing of his second film "An Inconvenient Sequel." Students, guests, and community members are all welcome.

A decade after An Inconvenient Truth brought the climate crisis into the heart of popular culture, comes the riveting and rousing follow-up that shows just how close we are to a real energy revolution. Former Vice President Al Gore continues his tireless fight, traveling around the world training an army of climate champions and influencing international climate policy. Cameras follow him behind the scenes — in moments both private and public, funny and poignant — as he pursues the inspirational idea that while the stakes have never been higher, the perils of climate change can be overcome with human ingenuity and passion.
https://www.facebook.com/events/553722831685755/?acontext=%7B%22ref%22%3A%22%22%2C%22ref_newsfeed_story_type%22%3A%22regular%22%2C%22feed_story_type%22%3A%2263%22%2C%22action_history%22%3A%22null%22%7D

Fire Victims Fundraiser
When: 10/18, 3PM-12AM @ LaziCow; 10/19, 11AM-11PM @ Cultive
Where: Lazi Cow, Cultive
The event, including the digital flier needed to donate money through your purchases, can be found on Facebook. The event is hosted by the Forensic Science Student Organization.
**ETX Ice Cream Social**

*When: Oct. 19th, 1 - 3 PM*

*Where: 1138 Meyer Hall (Foster Room)*

Come out to the Fall Welcome Ice Cream Social! There will be a variety of ice cream novelties and juice bars. This will be a great opportunity to meet faculty and other students in the major!

**Forensic Science Student Organization (FSSO)**

Interested in Forensic Science? Want to pursue forensic science on a graduate level? Check out the Forensic Science Student Organization (FSSO) & Forensic Science Graduate Program

- Social Events Every Quarter
- News & Conferences within the field
- Professional and Academic Networking
- Information about programs and internships

Contact: [davisfsso@gmail.com](mailto:davisfsso@gmail.com)

Also check out FSSO on Facebook & Instagram (@davisfsso)

**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**

- 20-Day Drop Date: October 24
- Last Day to Opt for P/NP or S/U grading: October 31
- Finals: December 11-15

**Sustainability Grants Deadline**

- After many years without a Green Fund, UC Davis now has an exciting new sustainability funding opportunity this year. Proposals may be submitted by *anyone in the UC Davis community* to benefit sustainability and involve undergraduate students. As you know, Sustainability balances the triple bottom line: Performance, Planet and People.
- **Fall 2017**: 1) Mini Grants 2) Undergraduate Research $200-2,000 each

*Proposals Due November 6*

- All the details (expenses, travel, etc.) can be found here: [http://sustainability.ucdavis.edu/students/TGIF/index.html](http://sustainability.ucdavis.edu/students/TGIF/index.html)
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.

<table>
<thead>
<tr>
<th>Job/Internship Title</th>
<th>Deadline</th>
<th>AJL ID #</th>
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<tbody>
<tr>
<td>Gastroenterology and Hepatology Volunteer</td>
<td>December 1, 2017</td>
<td>682998</td>
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<tr>
<td>Vascular Biology Intern</td>
<td>December 31, 2017</td>
<td>694538</td>
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<tr>
<td>Serology Lab</td>
<td>December 31, 2017</td>
<td>827146</td>
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<tr>
<td>VetMed Wildlife Internship</td>
<td>All year round</td>
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<td>NASDA Spring Internship</td>
<td>October 27, 2017</td>
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<td>Marrone Bio Innovations:</td>
<td>October 31, 2017</td>
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<td>Jewish Urban Farming Fellowship</td>
<td>All year round</td>
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Gastroenterology and Hepatology Volunteer

Location: UC Davis Medical Center, Sacramento
Qualifications: Upper class undergraduate student with prior molecular biology laboratory exposure through class (e.g. MCB 120L) or actual work experience.

Research in this laboratory focuses on the study of gastrointestinal cancer. Molecular biological techniques and approaches will be applied to elucidate the mechanism and biomarkers for cancers of gastrointestinal tract. Current focus is in pancreas and esophageal carcinoma.

It is highly recommended that interested students possess fundamental knowledge and skills in as many of the following areas: Performing basic biochemical calculations, preparing laboratory reagents, DNA/RNA preparation/isolation, agarose gel electrophoresis, PCR assays. Exposures to tissue culture technique will be utilized here, so prior knowledge will also be helpful.
Additional training will be provided.
Vascular Biology Intern
Location: Davis, California
One project will involve participation in a study in vascular biology -- working directly with Alzheimer's disease, sickle cell disease and/or diabetic patients. In addition, the student(s) will be trained in the latest technologies in non-invasive in vivo intravital microscopy (developed in-house and available only in my unit), computer-assisted image analysis of the real-time microcirculation, and measurements of inflammatory markers and whole blood viscosity in the patients.

Serology Lab
Location: Davis, California
As directed; the student assistant will prepare gellan plates, clean gellan plates, autoclave lab instruments and glassware and properly dispose of biological bio hazardous material per protocol. The student assistant will be expected to wash tubes several afternoons a week.

VetMed Wildlife Internship
Location: Davis, California
The intern will be an undergraduate volunteer assisting Ph. D student in Dr. Richard Cannon’s laboratory project investigating presence of estrogenic compounds in the Yolo Basin Wildlife Area, and potential effects on fish. For more information: https://docs.google.com/a/ucdavis.edu/document/d/1InYpRncnO1jMIXDUfOs1QSTZf6Akl6sPLE9XJHnM3w/edit?usp=sharing
NASDA Spring Internship

Location: Arlington, Virginia
The National Association of State Departments of Agriculture (NASDA) is currently seeking applications for highly motivated public policy interns interested in learning about the legislation and regulations that impact American agriculture. There is one internship position available per semester and we are accepting applications for the upcoming spring semester (January - May).

Qualifications
Applicants should be qualified as a sophomore or greater by their academic institution and have excellent written and oral communication skills. A basic understanding of legislative process is preferred but not required. The following documents (cover letter, resume with GPA included, one page writing sample on the agricultural policy issue of your choice, two letters of reference) must be submitted by e-mail to Carly Grether: carly@nasda.org

For more information: http://www.nasda.org/File.aspx?id=46753

Marrone Bio Innovations

Location: Davis, California
The Intern assists scientists with the development of process for the isolation, separation and purification of the targeted compounds from various microbial and plant sources. This is a great opportunity to obtain or utilize hands-on experience in a laboratory setting, including learning how to develop different types of extraction, samples preparation and purification methods.

Qualifications
Chemistry, Biology and Pharmacology students with laboratory experience are preferred. Good verbal and written communication skills and the ability to document accurate experimental observations and results. Must be interested in learning to develop different types of extraction, samples preparation and purification methods.

Jewish Urban Farming Fellowship

Location: Urban Adamah – Berkeley, CA

Jewish Urban Farming Fellowship offers a three-month residential training program for young adults (ages 21–31) that combines urban organic farming, social justice training and progressive Jewish learning and living within the setting of an intentional community.
http://www.goodfoodjobs.com/jobs/68195/jewish-urban-farming-fellowship.html
Invasive Plant Management Intern

Location: Carmichael, CA

The invasive plant management intern assists the American River Parkway Foundation staff in the management and control of specified invasive plant species along the American River Parkway.

http://www.internships.com/environmental/Invasive-Plant-Management-Intern

Urban Gardening Internship

Application available all year round
Location: Worldbeat Cultural Center- San Diego, CA

WorldBeat Center’s Outdoor Classroom is dedicated to teaching children in urban environments how to create a natural habitat, even in limited spaces such as their own apartments.

http://www.internships.com/agriculture/URBAN-GARDENING-INTERNSHIP-i3788334

Student Assistant 3
Location: Foundation Plant Services, UC Davis

This paid laboratory assistant position includes a variety of tasks needed to keep a lab clean and efficient: washing glassware, preparing culture media and buffers, and collecting and processing greenhouse plant samples. This position also includes computer and office tasks including data entry and word processing.

Qualifications
A background in biological science and laboratory experience in buffer and solution preparation are required. Knowledge of ELISA, PCR and plant biology is preferred. Must possess self-motivation, focus, and attention to detail. Willingness to do repetitive tasks while still maintaining high quality of work. Willingness to work outside or in greenhouse in hot or cold weather. Familiarity with computers, word processing, and data entry. Ability to follow directions carefully. Ability to work independently after initial training. Ability to work with a diverse group of students, staff, and researchers. Must provide own transportation to and from work.
Additional Career and Job Opportunities

- **ETOX Career and Job Opportunities brochure**
  - careers in government, industry and environmental consulting
  - opportunities for academic research
  - options for graduate and professional schools

- **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](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](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.

Eligibility Criteria for the Benjamin A. Gilman International Scholarship:
- Must be enrolled as an undergraduate at UC Davis
- Must be a United States citizen
- Must be receiving a Federal Pell Grant at the time of application or at the time the study abroad program takes place
- Must participate in a study or intern abroad program of at least four weeks and no more than one year in length (students studying in multiple countries must spend at least 28 days in one country)
- Must be receiving academic credit
- Must not be studying in a country under a U.S. State Department Travel Warning or Cuba

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.

Helpful Resources

Advising Services

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 2017

Brian Kerfs (bekerfs@ucdavis.edu)  
Tues: 11:30 - 1:30 PM  
Wed: 10 AM - 12:30 PM  
Thurs: 11:30 - 1:30 PM  
Fri: 10 - 11 AM; 2 - 3 PM

Jeannette Huynh (thhuynh@ucdavis.edu)  
Mon: 12 PM - 2 PM  
Tues: 1 - 3 PM  
Wed: 12 PM - 2 PM  
Thurs: 1 - 3 PM  
Fri: 1-2 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

Stop by between class for a quick one-on-one advising session with a peer adviser in your particular field of study. Some of the services student advisors offer include:

- Advising related to Agriculture & Environmental Science careers
- Aggie Job Link help and Job or Internship searches
- General ICC Services
- Interview Practice and Mock Interview (@AJL) help
- Preparing for career fairs
- Resume & Cover Letter coaching
- Transcript Notation questions

Need more help? 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](http://success.ucdavis.edu/academic/index.html) and [http://success.ucdavis.edu/international/index.html](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**  

**Math and Science Workshops**  

**Academic Assistance and Tutoring – General Information**  