

Environmental Toxicology

Jobs, Internships, and Activities Newsletter

February 11th, 2016

Prepared by ETX Undergraduate Advising Services

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Announcements

Winter Internship and Career Fair

When: Wednesday, February 24th

Do not miss this great opportunity! To prepare for the fair, please visit the Internship and Career Center Website (ICC): <https://icc.ucdavis.edu/services/fairs/winter.htm>

Math Festival @ UC Davis

When: Friday, February 26th and Saturday, 27th

Math can be Fun! The UC Davis Math Department will host a 2 day Festival of Mathematics which includes 8 fantastic lectures (accessible for undergraduate students), a math art exhibit, and a poster session.

Here is an attentive schedule for the festival:

Friday Schedule (1147 MSB, no registration necessary)

- (2:30-3:30pm) Alexander E Holroyd, Microsoft Research "How to Win at Random Games" Abstracts available online at https://www.math.ucdavis.edu/research/seminars/?talk_id=4549
- (3:30-4:00pm), Refreshments
- (4:00-5pm) Bernd Sturmfels, UC Berkeley "Convexity in Tree Spaces"
- (5:00-6pm) Persi Diaconis, Stanford Univ. "Between Combinatorics and Chocolate"

Saturday Schedule (Annual Meeting of the Mathematical Association of America, Golden Section) REGISTER ONLINE!!!

Event starts 8:45AM, featuring the following invited addresses (ALL talks in Giedt Hall 1001)

- Persi Diaconis, Stanford University
- Carries, Group Theory, and Additive Combinatorics
- Erica Flapan, Pomona College
- Intrinsic Properties of Graphs in Space
- Janko Gravner, University of California, Davis
- Randomness and Order in Random Order
- Bernd Sturmfels, University of California, Berkeley
- Eigenvectors of Tensors
- Rekha Thomas, University of Washington
- Graph Densities, Extremal Combinatorics and Optimization

The meeting will also feature:

- 1) A [contributed poster session](#) (ALL STUDENTS INVITED!!! FREE MAA MEMBERSHIP!!)
- 2) A [mathematical art exhibit](#) running concurrently with the poster session.

Organized by Shirley Yap, CSU East Bay.

For abstracts, time, details and registration please go directly to MAA website:

<http://sections.maa.org/golden/MeetingMAA-UCD.html>

Questions/Comments?? please contact Jesus De Loera (deloera@math.ucdavis.edu)

27th Annual Undergraduate Research, Scholarship and Creative Activities Conference

Abstract/ Registration Deadline: February 1st, 2016 by 4:00 pm

Poster Sessions and Art Exhibit

When: Friday, April 8th, 2016

Time: 3:00 -6:00 pm

Location: ARC Pavilion

Oral Sessions

When: Saturday, April 9th, 2016

Time: 1:00 - 6:00 pm

Location: Wellman Hall

UC Davis undergraduates in all academic fields are invited to participate in the Undergraduate Research, Scholarship and Creative Activities Conference. Research projects must have been conducted under the supervision of a faculty member or professional in the field. The conference is designed to acquaint undergraduates with the process and academic rigors of presenting research in a scholarly manner. Additionally, the conference will stimulate interaction between students and faculty, while encouraging undergraduates to pursue advanced degrees toward the goal of research and college teaching.

ETOX Project - Lab Tour

When: TBD

ETOX Club will host a lab tour for students who are interested in analytical chemistry. We will be touring one of the ETX teaching labs. You will gain a much deep insight of what the lab life is and how the analytical machines work. Please contact Lu Zhang (aluzhang@ucdavis.edu) or Nalin Singh (nalsingh@ucdavis.edu) for more information and signup. Hope to see you there!

ETX130 Moved to Fall 2016

ETX130: The Role and Applications of Toxicology in Modern Industry will not be offered for Spring 2016. The class is moved to Fall 2016.

Winter Quarter Important Dates

- Pass II - **February 22nd to March 4th**
- Deadline to use PTA's - **March 14th**
- Deadline to use PTD's - **March 14th**

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.

<u>Job/Internship Title</u>	<u>Deadline</u>	<u>AJL ID #</u>
Health-Related Internships	-----	-----
Analytical Chemistry Intern	Feb 29, 2016	800744
Scientific Aide (Field)	Feb 29, 2016	804561
GIS Assistant	Mar 1, 2016	806250
2016 Summer DNA Internship	Mar 04, 2016	-----
Student Assistant 3	Mar 11, 2016	806981
Biotech Summer Intern	Mar 25, 2016	806338
Renewable Energy Program Associate	Jul 7, 2016	805048
Urban Gardening Internship	All year round	-----
Jewish Urban Farming Fellowship	All year round	793805
Invasive Plant Management Intern	All year round	-----

Health-Related Internships

Many UC Davis pre-health students complete health-related internships by using the [Health-Related Internships \(HRI\)](#) online sign-up system. Internships in the HRI system are updated quarterly, and span many health-related fields including medicine, pharmacy, dentistry, nutrition, public health, and physical, occupational, and speech therapies. To qualify for an HRI internship, you must be an enrolled UC Davis student able to meet the listed requirements for the internship (which will be outlined in the HRI system during active registration periods).

Analytical Chemistry Intern

Application Deadline: February 29th, 2016

AJL#: 800744

Location: Micromidas, Inc - West Sacramento, CA

Micromidas, Inc is seeking an analytical chemistry intern to join their team. Under general supervision performs specialized and technical duties in the operation of analytical instruments, equipment, and the associated laboratory areas.

Scientific Aide (field)

Application Deadline: February 29th, 2016

AJL#: 804561

Location: CA Department of Pesticide Regulation - Sacramento, CA

A rapid stepping stone to permanent career with state/federal, industry, consultants or graduate school.

GIS Assistant

Application Deadline: March 1, 2016

AJL#: 806250

Location: Office of Environmental Health/Hazard Assessment Cal/EPA - Sacramento, CA

Student needed at the Office of Environmental Health Hazard Assessment, at the California Environmental Protection Agency. Student will use geographic information system (GIS) software to perform spatial analysis and create maps based on needs of staff for various projects.

2016 Summer DNA Internship

Application Deadline: March 4th, 2016

Location: Dover Air Force Base, DE

The internship program offered at the AFDIL is a unique opportunity for students interested in pursuing a career in forensic DNA analysis to perform validation and/or research studies alongside practicing forensic scientists. The recently constructed 117,000 sq. ft. facility located on Dover Air Force Base houses a variety of instruments paramount to performing modern DNA testing. The hands-on experience gained by the intern will prepare the student for a future career in forensic DNA analysis.

Student Assistant 3

Application Deadline: March 11th, 2016

Location: Davis, CA

AJL#: 806981

Conduct interviews and surveys as part of research projects. Responsible for coordination of surveys and communication with collaborators and participants. Participate in field work, sample planning and field sampling of biological samples (i.e., foodborne pathogens) and communication with participating clientele/farmers. Create and maintain databases of data/surveys from research projects and summarize results and help with formatting, editing, organizing, and designing drafts to produce scientific manuscripts, grant proposals, cooperative agreements, and other written documents.

Biotech Summer Internship

Application Deadline: March 25, 2016

AJL#: 806338

Location: JN Biosciences LCC - Mountain View, CA

This internship is with JN Biosciences, a privately-owned biotech company focusing on research and development of antibody-based human therapeutics. This position will work with a Principal Investigator on a molecular biology project for generation and characterization of recombinant proteins using standard lab techniques, such as DNA and RNA manipulation, gene cloning, and expression and purification of recombinant proteins.

Renewable Energy Program Associate

Application Deadline: July 7, 2016

AJL#: 806048

Location: Oakland, CA

The Renewable Energy program's objective is to accelerate the transition to a clean, renewable energy future along pathways that concurrently realize health, environmental, equity and resilience co-benefits. The Renewable Energy Program Associate will play a central role in expanding PSE Healthy Energy's work in this field.

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>

Jewish Urban Farming Fellowship

AJL # 793805

Upcoming Internship:

Summer: June 9 – August 26, 2016

Fall: September 4 – November 22, 2016

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>



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 2015-16. Applications are available to the following scholarships:

- **Fulbright Scholars**
- **George J. Mitchell Scholarship**
- **Paul & Daisy Soros Fellowship**

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 CAES 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.

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

Students planning to study abroad in Summer 2016 (through the normal application period), Fall 2016, or the entire 2016-17 academic year will be able to apply starting in January 2016.

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.

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. **Application deadline: February 29, 2016, 5:00PM (PST)**



Helpful Resources

Advising Services

Environmental Toxicology Advising

Both ETX peer advisors, Lu Zhang and Leeza Segal, 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 shoot us an email.

Winter Quarter 2016 - Peer Advising Hours

Lu Zhang aluzhang@ucdavis.edu

Mon	10:00 am - 12:00 pm
Tues	11:00 am - 1:00 pm
Wed	10:00 am - 12:00 pm
Thurs	11:30 am - 1:30 pm
Fri	1:00 pm - 3:00 pm

Leeza Segal lsegal@ucdavis.edu

Mon	10:00 am - 12:00 pm
Tues	12:30 pm - 2:30 pm
Wed	12:00 am - 2:00 pm
Thurs	12:30 am - 2:30 pm
Fri	10:00 am - 12:00 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](#)

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: 1011 Sciences Lab Building

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 free and students are not required to register.

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

Getting Transcript Notation for Internships

The Internship & Career Center offers Transcript Notation to students who work at an approved and supervised internship for at least 40 hours per quarter. With just a bit of online paperwork, you can have your internship title, location and quarter taken noted on your official UC Davis transcript.

Instructions on how to file TN online: <http://iccweb.ucdavis.edu/pdf/2011AJLStudentTN.pdf>

Want academic credits instead? See

<http://iccweb.ucdavis.edu/students/AcademicCredit.htm>

Hello ETX Students,

Need some support getting through Biology, Chemistry, Math, Physics, STATS, and more?

The **Student Academic Success Center** offers both **Drop-in Tutoring** and **Math and Science Workshops** every week.

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>