

# Department of Animal Science Advising Center

## Fall Newsletter #8

If you find yourself having trouble figuring out your schedule, are not sure what classes to take or need general advice, come on in and meet with a Peer Adviser. We are experts in scheduling, resolving class conflicts, and are full of good advice.

The Animal Science Advising Center is open M-F 9am-12pm and 1-4pm in 1202 Meyer.

You can also email us at [asac@ucdavis.edu](mailto:asac@ucdavis.edu) or call 530-754-7915.

For more information about Animal Science Advising, be sure to visit our website at [asac.ucdavis.edu](http://asac.ucdavis.edu), and like our Facebook page: [UCD Animal Science Advising Center!](#)

In this week's Newsletter:

- A. Announcements/ Upcoming Events
- B. Internships/ Jobs
- C. Scholarships

### A. Announcements / Upcoming Events

#### **1. New Winter 2015 Course: GDB 101**

- Global Disease Biology (GDB) 101: Epidemiology.
- The CRN for this course is **94619**. This is a 4 unit course and includes a lab.
- Lectures will be Tuesdays and Thursdays from 12:10-1:30 pm, and Lab will be Fridays from 2:10-5:00pm. The instructor is Dr. Neil McRoberts.
- Prerequisites for this course include SAS 13, BIS 2A-2C, and a STA course: 13, 100, or PLS 120.
- This course introduces concepts and methods used in the study of disease dynamics in human, animal, and plant populations. The course focuses on principles, but given the subject matter it makes extensive use of quantitative methods. Topics include causes of disease, measures of disease intensity, diagnosis and decision making, analysis of disease intensity in space and time, and predictive modeling of disease.
- This course can count toward specialization units!
- If you have any questions about the new GDB major or course, please contact GDB advising at: [gdb-advise@ucdavis.edu](mailto:gdb-advise@ucdavis.edu).
- Please see attached flyer for more information.

#### **2. Information Session: CalPoly MPS Program**

- Tom Johnson, a recruiter from CalPoly SLO, will be holding an information session on December 3<sup>rd</sup> from 4-5pm in the Robert Mondavi Institute Sensory Theater (in the Robert Mondavi Institute Complex), to present information on the Master of Professional Studies (MPS) program in Dairy Products Technology. Pizza will be provided!
- For more information on what will be covered during the session, please see attached flyer.
- For more information on CalPoly's MPS program, please visit: <http://mps dairy.calpoly.edu>.

- To RSVP for this event, please follow this link:

[https://docs.google.com/a/ucdavis.edu/forms/d/1\\_LFqFX34INCHkew0tSsdTfHII2PaVBSflEXWJMDpatY/vi/ewform?c=0&w=1](https://docs.google.com/a/ucdavis.edu/forms/d/1_LFqFX34INCHkew0tSsdTfHII2PaVBSflEXWJMDpatY/vi/ewform?c=0&w=1)

### 3. Undergraduate Research Connection

- The Undergraduate Research Center has put together another issue of URConnection. This newsletter highlights current research on campus and gives a look inside of the lives of undergraduate researchers.
- To view the newsletter, please see the attached document. Take a look to see all of the possibilities in undergraduate research!

### 4. Student Contest Coordinators Needed for Ag Sciences Field Day!

- The College of Agriculture and Environmental Sciences is looking for current undergraduate students who are organized and detail oriented to help coordinate contests for the Annual CA&ES Field Day on March 7, 2015! On Field Day, approximately 3,000 high school students come to UC Davis to compete in the 24 different contests on a variety of topics.
- Coordinators are needed for the Ag Sales, Nursery/Landscape, and Farm Business Management contests. Past experience is not required, and you can earn units along with many other practical skills. Below is a short description of each contest, but the attached guidelines outline each contest in more detail. Each contest has a staff or faculty advisor who is a resource for the student and provides insight on the contest from past experiences, and will aid them in properly coordinating and executing a successful contest.
- Agricultural Sales: The sales and marketing of agricultural products is a key to profitability in today's competitive economy and agricultural sales play a major role in the marketing process. Through this contest, students will have the opportunity to prepare for careers in sales by participating in a range of activities oriented around the total sales process.
- Farm Business Management: Contest shall be based on the depreciation section of the adopted Farm Account Book, the John Deere Farm and Ranch Business Management Book, and the Farmer's Tax Guide. This contest consists of three sections: Cash Flow Budget Problem, Written Test on Record Business Management, Written test on Tax Management.
- Nursery Landscape: Students judge classes of plants, take tool and plant identification tests, tests on general Ornamental Horticulture knowledge, and complete a transplanting practicum.
- For more details on each of the contests, please refer to the attached resources.
- If you are interested in participating or have any questions, please contact the Field Day Coordinator, Genny Nice, as soon as possible at [fieldday@caes.ucdavis.edu](mailto:fieldday@caes.ucdavis.edu).

### 5. Genentech Information Session

- There will be a Genentech Information Session of **Tuesday, December 4th, from 8:00-10:30pm in Chemistry 194 (Rock Hall)**.
- Come hear about the internship and career opportunities available at Genentech! See attached poster for more information.

### 6. Undergraduate Students for One Health: Upcoming Events

- Professional Students Panel: Wednesday, December 3<sup>rd</sup> from 6:00-8:00 pm in Giedt 1002

- A full panel of medical, veterinary, nursing, graduate, and dental students will be presenting on their various programs and how they made it there. There will be time for questions and interactive discussion.
- **End of the Quarter Social: Wednesday, December 10<sup>th</sup>, from 7:00-9:00pm in Giedt 1006.**
  - Join USOH for their last social meeting and watch a movie! They will also have signup sheets for committees for the next quarter, so if you have even more chances to volunteer.

## 7. UC Davis Teaching Credentials and Masters Programs Information Sessions

- Are you interested in earning your teaching credential? There will be two upcoming information sessions on UC Davis Teaching Credential and Master's Degree programs!
- The last session will be held on **Thursday, December 11<sup>th</sup>, from 5:00-7:00pm in School of Education 174.**
- For 2015 information sessions, please refer to the attached flyer.

## 8. We're on Facebook!

- The Animal Science Advising Center is on Facebook! Be sure to like our page to get *accurate* course information, updates, and to see photos from our events! You can visit our Facebook page by following this link: <https://www.facebook.com/pages/UCD-Animal-Science-Advising-Center/100286430062779>

## B. Internships / Jobs

### 1. Job Resources at UC Davis!

- If you are looking for a job, be sure to check out Aggie Job Link for current job openings for students! You can access Aggie Job Link via the link below, and sign in with a Kerberos username and password. <https://ucdavis-csm.symlicity.com/students/>
- You can check out even more campus job opportunities through the UC Davis employment website: [https://www.employment.ucdavis.edu/applicants/jsp/shared/Welcome\\_css.jsp](https://www.employment.ucdavis.edu/applicants/jsp/shared/Welcome_css.jsp)
- Also, be sure to take a look at our Animal Science Advising Center website! We list current job openings for students and recent graduates, all relatable to Animal Science. We update this list periodically, so be sure to check often! <http://asac.ucdavis.edu/>

### 2. Student Assistant Position: UC Davis Livestock Air Quality Program

- This Student Assistant position entails participating in research studies for the Department of Animal Science Air Quality Mitloehner Laboratory. The research studies are centered on management and feeding strategies to mitigate emissions from livestock production systems.
- Responsibilities and duties in this position include handling and feeding cattle during research trials, administering any necessary medications, assisting veterinarians in medical procedures, running cattle through a chute, and assisting in milking processes. Note that with feeding, shifts may start anywhere from 4:30-6:00am, daily.
- Large animal experience and experience operating farm machinery is preferred, but not required for this position. Minimum time commitment is 15 hours per week. The ability to work on weekends or holidays is preferred.
- If you are interested in this position, follow the instructions on **Aggie Job Link, #780392**. You can access Aggie Job Link with at Kerberos username and password here: <https://ucdavis-csm.symlicity.com/students/>

### 3. Winter 2015: Science, Environmental, and Health Education Internships!

- In these internships, you can gain career and job skills, inspire youth and community members, and have fun! These internships are a two quarter commitment.
- Students participate in a weekly Friday seminar to learn science outreach methods and how to engage different audiences. Students will apply this in an outreach section can help design curriculum, visit schools or outdoor sites, pilot activities, and assess learning.
- Students registered for the internship receive two units of academic credit and must attend BOTH the Friday 1:10 - 3:00 pm seminar AND an outreach section. Weekly section meetings and outreach visits will be determined by participant schedules. For off-site outreach visits, travel is by carpool. All majors are welcome.
- There are seven sections offered for these internships:
  - Adventures in Science: Design and present interactive science lessons for local junior and senior high school students. Lesson plans can include environmental, physical, biological, health, and social sciences. If you are interested in this section, please contact Seojung at [sjkang@ucdavis.edu](mailto:sjkang@ucdavis.edu).
  - Watch It - Don't Squash It (WIDS): Get kindergarten through 5<sup>th</sup> grade students excited about science! Design and present interactive activities in local elementary schools to teach children the importance of the science behind an environmental topic of your choice. Section meetings will focus on designing, implementing, and evaluating lesson plans. If you're interested in this section, please contact Julia at [jlmoor@ucdavis.edu](mailto:jlmoor@ucdavis.edu).
  - Stebbins Nature Outings: Learn to design and lead engaging nature outings for youth, families, and the general public. Topics include ecological adaptation and diversity, water conservation, geology and watersheds, plants and animals. Nature Outings at Stebbins Cold Canyon Reserve take place on weekends in the spring. If you're interested in this section, please contact Jeffrey [atijclary@ucdavis.edu](mailto:atijclary@ucdavis.edu).
  - WaterWays: Design outdoor science activities for upper elementary school students to teach on the importance of conserving and protecting water resources, animals, and habitats. Continue through spring quarter to help lead field trips to Lake Solano Park so students learn where their water comes from. If you're interested in this section, please contact Teresa [atijlabrecque@ucdavis.edu](mailto:atijlabrecque@ucdavis.edu)
  - Arboretum GATEways Outreach Program (Gardens, Arts and The Environment): Work directly with community volunteers and other student interns to create programs aimed at teaching local visitors and families about the new Arboretum GATEway Garden, the UC Davis Arboretum, and Public Garden. Help design and implement hands-on activities and tours for the public. If you're interested in this section, please contact Melissa at [melcruz@ucdavis.edu](mailto:melcruz@ucdavis.edu)
  - One Health Education: In this integrated approach to health, students design and pilot health education activities for youth and families attending a Yolo County community health and veterinary clinic. The clinic is held on the 3<sup>rd</sup> Sunday of every month. Weekly section work may include developing short videos. Spanish language skills is a plus, but not required. If you're interested in this section, please contact Mimi at [maportilla@ucdavis.edu](mailto:maportilla@ucdavis.edu).
  - Food Science and Safety: Design learning modules on food science and safety for youth in school and community settings. Review existing curricula, help youth in a 4-H program grow food in their community garden, and create authentic opportunities to apply food safety and preservation practices. If you're interested in this section, please contact Teresa at [tjlabrecque@ucdavis.edu](mailto:tjlabrecque@ucdavis.edu)
- All of the above internships are coordinated through the Science Education Outreach Program, through the Department of Human Ecology.
- Please see attached flyer for additional information.

### 3. U.S. Department of Homeland Security: Summer 2015 STEM Internships

- The U.S. Department of Homeland Security (DHS) sponsors a 10-week summer internship program for undergraduate and graduate students majoring in homeland security related science, technology, engineering and mathematics (HS-STEM) disciplines. The program provides students with quality research experience at federal research facilities located across the country, and allows students the opportunity to establish connections with DHS professionals. It is open to students in a broad spectrum of HS-STEM disciplines and DHS mission-relevant research areas.
- Undergraduate students in the program will receive a \$6,000 stipend plus travel expenses.
- The 10 week research experiences are offered in the following locations: Argonne, Berkeley, Livermore, Los Alamos, Oak Ridge, Pacific Northwest, and Sandia National Laboratories; as well as at Homeland Security Studies and Analysis Institute, Coast Guard Research and Development Center, Customs and Borders Protection Laboratories and Scientific Services, Domestic Nuclear Detection Office, Federal Emergency Management Agency, Naval Research Laboratory, Engineer Research and Development Center, National Security Technologies Remote Sensing Laboratory, Transportation Security Laboratory, and more.
- Areas of research include Engineering, computer science, mathematics, physics, chemistry, biological or life sciences, environmental science, emergency and incident management, social sciences, and more.
- U.S. citizenship required for these internships, and the application deadline is **December 22, 2014**.
- Detailed information about the internships can be found at: <http://www.orau.gov/dhseducation/internships/>
- To view a poster with more information, please visit: <http://www.orau.gov/dhseducation/internships/files/hs-stem-2015-poster.pdf>
- Previous participant testimonials can be found by visiting: <http://www.orau.gov/dhseducation/internships/stories-hsstem.html>
- DHS has partnered with the Oak Ridge Institute for Science and Education (ORISE) to manage the program. For questions please email DHS at [dhsed@orau.org](mailto:dhsed@orau.org).

### 4. Tutors Needed at Dixon High School!

- Dixon High School is in desperate need of tutors for algebra, science and English at their Learning Center. They will need tutors Monday through Thursday from 2:00-4:00 PM.
- If you are interested, please contact Brenda Percival at (707) 693-6330 ext. 7130 as soon as possible.
- For more information on Dixon High School, please visit <http://dhs.dixonusd.org/>.

### 5. SunFed Ranch Job Opening in Woodland

- SunFed Ranch is looking for a motivated and energetic candidate to fill an open full-time position at their Woodland headquarters.
- This new position is focused primarily on customer service and order procurement for their grass fed beef business. The job will also have some marketing, event, and administrative support requirements as needed.
- A successful candidate will be an outgoing self-starter, willing to step in and assist in a growing company.
- Key Duties include conducting weekly customer order procurement process for regular and special orders and entering orders into SFR order fulfillment system, compiling weekly production records and oversee sample product requests and fulfillment, serving as first point of contact for incoming calls, overseeing marketing collateral orders, scheduling and participating in SFR product demonstrations, assisting in development and execution of SFR marketing and branding strategy, and overseeing office supply inventories and assist SFR staff and officers with other timely projects as necessary.

- If you are interested in this position, please contact Matt Byrne at [matt@SunFedRanch.com](mailto:matt@SunFedRanch.com), or visit the SunFed Ranch website: [www.SunFedRanch.com](http://www.SunFedRanch.com)

## 2. Wildlife Rehabilitation Internship.

- The Wolf Hollow Wildlife Rehabilitation Center is offering a Wildlife Rehabilitation Internship! The Center is located in Friday harbor, Washington.
- For more information on this internship, please visit the Aggie Job Link website at <https://ucdavis-csm.symplicity.com/students/>. This position is #786814 on Aggie Job Link.

## C. Scholarships

### 1. Upcoming Deadlines for Private Scholarships

- David L. Boren (NSEP) Undergraduate Scholarship: Up to \$20,000 to study abroad within specified countries and to study language. Winners receive up to \$8,000 for a summer study abroad, \$10,000 for a semester outside of summer, and \$20,000 for a full year study abroad program. **Deadline is December 12th**. Apply by following this link: <http://financialaid.ucdavis.edu/scholarships/prestigious/international/boren.html>
- Elie Wiesel Prize in Ethics: For undergraduate full-time juniors or seniors at accredited four-year colleges or universities in the United States during the Fall 2014 Semester. Applicants should articulate with clarity an ethical issue they have encountered and analyze what it has taught them about ethics. Award amount will be up to \$5,000. **Deadline is December 8th**. Apply by following this link: <http://www.eliewieselfoundation.org/prizeinethics.aspx>
- Mensa: Any U.S. citizen or permanent resident may apply. Applicants must submit an application and essay explaining his or her career, academic and/or vocational goals. Award amount will be \$1,000. **Deadline is January 15th**. Apply by following this link: <http://www.mensafoundation.org/what-we-do/scholarships/us-scholarship-process/>

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*"Courage is resistance to fear, mastery of fear – not absence of fear."*  
-Mark Twain

I hope you all had another great week of classes, and have a productive weekend!

Kathleen Furtado  
Animal Science Advising Center