

## NEWSLETTER

The College of Natural Sciences Newsletter is designed to serve CNS students. It is delivered online every Sunday.

Dean Kopp's weekly email includes a link to access the newsletter, as well.

Items in **BLUE** are new;

Items in **RED** are last chance.

If you would like to submit news to CNS Newsletter, send the information to [cnsnewsletter@austin.utexas.edu](mailto:cnsnewsletter@austin.utexas.edu).

Include a contact person phone number and email, date or deadline, write in complete sentences, text must be fewer than 150 words. Submit by 11:59pm Friday to be included in that week's newsletter.

*Edited by: Nicole Kruijs*



### Academic Announcements

1. [CNS January Externship Program](#)
2. [UTeach hiring Spring interns](#)
3. One Time Exception drop and withdrawal period
4. Register for 2014 Spring University Extension Courses
5. Spring 2014 Pre-Graduate School Internship
6. Business Foundations Summer Institute "The Business of Healthcare"

### Scholarships

1. [Study Abroad Planning Scholarship](#)
2. Sign up for scholarship list serv

### Internships and Employment

1. US Department of Homeland Security STEM internships
2. Archer Fellowship Program

### Research and Volunteering

1. [MURF Caltech undergraduate research fellowship](#)
2. Sign up to judge the Austin Regional Science Fair for CNS
3. Summer ORISE Fellowships at CDC

4. Be a Destination Imagination Judge
5. Amgen Scholars Caltech Summer Research Program

### Organization Announcements

1. [Free Intro to Web Development Workshop hosted by MakerSquare and Longhorn Entrepreneurs Agency](#)
2. [Student Professor Lunch hosted by Natural Sciences Council](#)

## Academic Announcements

### 1. CNS January Externship Program

*This January, employers around Texas are opening their doors to UT College of Natural Sciences students for a one-day company visit called the Externship Program. This is an excellent opportunity for students to visit an employer to see first-hand what professionals in their field of study do on a daily basis.*

*There are over 30 companies in participation this year. Please note that company availability varies by major.*

*Follow these easy steps to view and register for the Externship Program today:*

*Log into ScienceWorks (Science Works can also be accessed within the Career Design Center homepage: <http://cns.utexas.edu/career-design-center>)*

*Click on "Career Fairs & Events" from the menu at the top of the page*

*Under "Category" select "Externship" and click "Search" to see those opportunities available to you*

*Carefully review the date, time, and location of the visit and, if you are able to attend, click "Register for Event"*

### 2. UTeach Now Hiring Interns for Spring 2014

*Description: Make an impact. Become an after school club coach. Open to all majors. Apply now at the link below. The UTeach Outreach program serves local public schools by sending UT student volunteer teachers into classrooms to provide in-depth, hands-on science, technology, engineering and mathematics lessons to directly*

*impact over 2,400 elementary and middle school students.*

*\$13 per hour wage*

*URL: <http://tinyurl.com/UTeachApp>*

### 3. One Time Exception Drop/Withdrawal

*Undergraduate students who may not have urgent, substantiated, nonacademic reasons will be allowed to drop a single class or withdraw from the University after the deadline to drop or withdraw for academic reasons under the provisions of the One-Time-Exception (OTE). The OTE may be invoked only once during the student's entire undergraduate career regardless of college the student was enrolled in at the time the exception was allowed. The OTE and the former CNS One-time drop are considered to be separate drops. Come to WCH 1.106 if you wish to find out more.*

### 4. 2014 Spring University Extension Courses

*There is no need to wait to register for an evening classroom or online cohort course with University Extension (UEX). UEX's [Spring 2014](#) courses are posted and open for registration, now.*

*UEX grades are provided on an official university transcript and included in one's cumulative UT GPA. Learn more and register at <http://www.utexas.edu/ce/uex/spring2014>.*

### 5. Spring 2014 Pre-Graduate Internship

*Are you thinking about whether graduate school is in your future? Are you uncertain about what it would be like to be a graduate student and what academic program may be suited best to your interests and career goals?*

*If your answer to these questions*

*is yes, you may wish to consider undertaking the Intellectual Entrepreneurship (IE) "Pre-Graduate School*

*Internship." This internship is open to students in all UT colleges/schools and departments. You may earn one, two or three hours of academic credit (CMS 164M/264M/364M) by participating in the internship.*

*In addition, you may read more about this program (including FAQ's, examples of internship activities and an easy to complete internship contract) on the web:*

*<http://communication.utexas.edu/ie>*

### 6. Business Foundations "The Business of Healthcare"

*Next summer (2014), the business school will offer their Business Foundations Summer Institute as "The Business of Healthcare". The core business courses: Accounting, Finance, Business Law, Management, and Entrepreneurship will feature examples/cases from the context of healthcare and the faculty leading these courses have job experience/special knowledge about healthcare. To apply and find more information, <http://www.mcombs.utexas.edu/Business-Foundations/Summer-Institute.aspx>*

## Scholarships

### 1. Study Abroad Planning Scholarship

*Deadline: December 1<sup>st</sup>*

*Freshmen and sophomores can apply for the chance to win a \$2,000-\$3,000 Planning Scholarship to study abroad between fall 2014 and summer 2016. Select your program after you win the award. Awards are reserved for first-generation college students, UGS majors, Presidential Achievement*

Scholars or students with a 2.0-2.5 GPA. Deadline to apply is Sunday, Dec. 1.

<http://utdirect.utexas.edu/student/abroad/globalassist.WBX>

## 2. Sign up for the CNS scholarship list serv

CNS undergraduates interested in receiving scholarship information from the CNS Scholarship Coordinator can sign up for the following list serv: [cns-scholarships@utlists.utexas.edu](mailto:cns-scholarships@utlists.utexas.edu). This list serv is used to make announcements regarding undergraduate scholarship opportunities both within and outside of UT, upcoming deadlines, financial aid information, etc.

## Internships and Employment

### 3. US Department of Homeland Security Stem Internships

Applications due January 6<sup>th</sup>

The U.S. Department of Homeland Security (DHS) sponsors a 10-week summer internship program for students majoring in homeland security related science, technology, engineering and mathematics (HS-STEM) Disciplines. The program provides students with quality research experiences at federal research facilities located across the country and allows students the opportunity to establish connections with DHS professionals. It is open to undergraduate students in a broad spectrum of HS-STEM Disciplines and DHS mission-relevant Research Areas. The ultimate goal of the program is to engage a diverse, educated and skilled pool of scientists and engineers in HS-STEM areas and to promote long-term relationships between students, researchers, DHS and research facilities to enhance the HS-

STEM workforce. Find out more at: <http://www.orau.gov/dhseducation/internships/>

### 4. Archer Fellowship Program

Interested in public policy and public service? Want to spend a semester living, interning, and taking in-residence classes in Washington, D.C.?

If the answer is yes, the Archer Fellowship Program may be for you! Students of all majors, political beliefs, and policy interests are welcome to apply. Come learn about this exciting program at an information session; view the schedule at <http://www.utexas.edu/ugs/archer/info-sessions>.

Applications for the 2014-2015 academic year are due February 17, though students who will be abroad this spring should apply by November 1  
Rose Mastrangelo  
at [r.mastrangelo@austin.utexas.edu](mailto:r.mastrangelo@austin.utexas.edu).

## Research and Volunteering

### 1. MURF Caltech undergrad research fellowship

Online applications are due January 8, 2014.

The MURF program aims to increase the participation of underrepresented students (such as African American, Hispanic, and Native American; females who are underrepresented in their discipline; or first-generation college students) in science and engineering Ph.D. or M.D./Ph.D. programs and to make Caltech's programs more visible to students not traditionally exposed to Caltech.

Eligibility: Students must be current sophomores through

non-graduating seniors and must be U.S. citizens or U.S. permanent residents. A minimum GPA of 3.2 is required.

Competitive applicants will have completed sophomore-level courses in desired research field, have demonstrated through academic and/or co-curricular activities a passion for research, and can articulate how their research interests align with Caltech's research areas. The most competitive applicants will have prior research experience.

Support: MURF students will receive a \$6000 award for the ten-week program. An additional \$500 housing and travel supplement will be provided.

For more information, visit [www.sfp.caltech.edu/programs/murf](http://www.sfp.caltech.edu/programs/murf).

### 2. Austin Regional Science Fair Judges

Volunteer to be a judge at the Austin Regional Science Fair on Thursday Feb 20 and Saturday February Feb 22nd. To register and find more details, please visit:

<http://www.sciencefest.org/volunteer/judgeRegistration.php>

### 3. ORISE Fellowships at CDC

Application due: January 17<sup>th</sup>

The Centers for Disease Control and Prevention (CDC), National Center for Environmental Health (NCEH), Division of Laboratory Sciences (DLS), is seeking Summer ORISE Fellows to focus on public health issues related to the environment. Candidates will join projects associated with developing and applying new methods to characterize and quantify biochemical markers that



are relevant in environmental exposures and chronic diseases. The fellowship carries a stipend of approximately \$2,700 per month for full-time undergraduate student fellows and \$3,300 for full-time graduate student fellows.

The appointment is through the Oak Ridge Institute for Science and Education. The application is available at: <http://orise.orau.gov/cdc>.

To be considered, please send all application materials, including the application, a current resume, official transcript, and two letters of recommendation, to [CDCrpp@orau.org](mailto:CDCrpp@orau.org) by **January 17, 2014**. Please reference CDC-NCEH-2014-0004 LS in all communications.

#### 4. **Be a Destination Imagination Judge**

Volunteers needed to appraise student presentations! Thousands of students in Texas participate in a team-based creative problem solving program called Destination Imagination. Teams solve mind-bending, open-ended challenges in the areas of technical, scientific, structure building, fine arts, community service, and improvisational theater. They present their solutions at a Regional Tournament. It is 100% volunteer-led and they need volunteers to help the kids realize their success!

If you have a good sense of humor and are over the age of 18, you can be an appraiser! You would need to attend training on 2/8/14 (8:30 am-12:00pm at Cedar Park Middle School) and attend the Tournament on 2/22/14 (8:00am-5:00pm at Rouse High School, Leander).

On tournament day, your appraisal team will observe presentations and provide positive feedback, award points and nominate teams for special awards.

Contact [CAPITALCPSO@gmail.com](mailto:CAPITALCPSO@gmail.com) for registration information.

#### 5. **2014 Caltech Amgen Scholars Program**

Applications due: February 3<sup>rd</sup>

UC Berkeley is pleased to announce the 2014 Amgen Scholars Summer Research Program in Science and Biotechnology. This national program provides participants with the opportunity to conduct research with a faculty member, communicate their science in poster and oral presentations, receive a stipend, housing, meal plan, and transportation to and from the UC Berkeley campus.

Program dates are June 2 - August 8, 2014 and the application deadline is Monday, February 3, 2014. Berkeley welcomes applications from your students and appreciates if you would forward this information to your colleagues.

For more information about the program, please visit the following sites:

UC Berkeley Amgen Scholars Program Website at <http://amgenscholars.berkeley.edu>

National Amgen Scholars Program Website at <http://amgenscholars.com>

### **Organization Announcements**

#### 1. **Free Intro to Web Development Workshop** Monday, November 25<sup>th</sup>; 5-8pm

Come learn about the basics of web development from Austin's

premiere educational web development company.

Eventbrite:

<https://www.eventbrite.com/e/free-intro-to-web-development-tickets-6486843323>

#### 2. **Student Professor Luncheon hosted by NSC**

Friday, December 6<sup>th</sup>; 1-2pm

Invite your favorite professor to a luncheon hosted by the Natural Sciences Council! This is a free opportunity for any CNS student to invite a CNS professor to. This luncheon will take place Friday, Dec. 6<sup>th</sup>, from 1 - 2 PM. For more details, and to print an invitation, go here:

[tinyurl.com/sfluncheon2013](http://tinyurl.com/sfluncheon2013).

Contact: [nsc.sf.chair@gmail.com](mailto:nsc.sf.chair@gmail.com) with questions