Fall 2017 Important Dates

November
20-24 - Fall recess; no classes this week.
23-24 - All CSU Offices are closed.
27 - Classes resume

December
8 - Last day to process a University Withdrawal
11-15 - Final Exams
15-16 - Commencement Ceremonies.
20 - Fall grades available on RamWeb
25-27 - Winter holiday; University Closed

Advising Walk-Ins:
Tuesday, Wednesday and Thursday: 1-3 pm

Spring 2018 Registration has begun!
Seniors began October 24th * Juniors began October 27th
Sophomores begin November 3rd * Freshmen begin November 10th
Check RAMweb for your registration access and register ON TIME!
If you are not able to speak with an ASC prior to registering, register on your own then come talk to us!
*If this is your first semester at CSU, you must get your advising code from an ASC in order to register.*

Advising appointments are always scheduled online
http://www.biology.colostate.edu/undergraduates/advising/

IN THIS MONTH’S NEWSLETTER:
Page 2... Registration and Academic Probation Info
Page 3... Thornton–Massa Lecture
Page 4... Fall Break Hours and TILT Resources
Pages 5... Highlighted Spring Classes
Pages 6-8... Senior Flyer
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Pages 9-11... Summer Undergraduate Research Opportunities
Here are some common registration error messages and what they mean:
If you run into an error be sure to read it! You can often solve registration errors on your own without having to email an ASC and wait for a response.

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<tr>
<th>Error message</th>
<th>What it means</th>
<th>When you might get it</th>
<th>What to do</th>
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<tr>
<td><strong>Class level</strong></td>
<td>Only students in a certain class level (fr/so or jr/sr) can register for a given course.</td>
<td>Few (if any) Biology courses have this restriction but other departments’ courses (e.g., Psychology) may have it.</td>
<td>If you NEED the course, contact the home department for access.</td>
</tr>
<tr>
<td><strong>Multiple Components Required</strong></td>
<td>In addition to the lecture, you have to register for another component (lab or recitation) <strong>at the same time.</strong></td>
<td>Many biology, chemistry, and physics courses are commonly associated with this error.</td>
<td>Check boxes for each component PRIOR to hitting “register.” Click the CRN for the lecture to see specifically which sections of lab/recitation that must be selected.</td>
</tr>
<tr>
<td><strong>Major Restriction</strong></td>
<td>You do not have the right major for a class.</td>
<td>Some classes are restricted just to students in that major (Business/Art are examples); may allow non-majors to register after a certain date.</td>
<td>Click on the CRN for details about major restriction—if the class opens to non-majors at a certain date, it will tell you that info here.</td>
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<tr>
<td><strong>Prerequisite</strong></td>
<td>You fail to meet at least one prerequisite for the class.</td>
<td>BZ310 is an example (though most biology courses have prerequisites). It requires a semester of organic chemistry as a prerequisite.</td>
<td>You’ll need to take the prerequisite courses prior to registering for the course in question. If you think this is an error, contact your advisor.</td>
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<tr>
<td><strong>Dept. or Instructor approval</strong></td>
<td>Registration for a certain class is limited and only approved on a case-by-case basis.</td>
<td>An example is BZ505 Cognitive Ecology— it requires permission from the instructor for undergrads to enroll.</td>
<td>If you seek access to a class requiring dept./instructor approval, contact the instructor listed or the department.</td>
</tr>
<tr>
<td><strong>Stop enrollment</strong></td>
<td>A department has stopped enrollment so that no one can register for the class until a problem is resolved.</td>
<td>Hard to say—stop enrollments can happen in any department due to unforeseen changes.</td>
<td>Try registering for a different section of the same class, or contact the department to find out more information.</td>
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**ATTENTION STUDENTS ON ACADEMIC PROBATION**

The Biology department requires all Biology and Zoology majors who are on academic probation to work closely with an Academic Success Coordinator.

- **Probation I**: view an online video and complete an academic self-assessment. Then schedule an advising appointment to receive your advising code.
- **Probation II**: make an appointment with an ASC to discuss your status, university dismissal policies and appeals, and to get your advising code.
18TH ANNUAL THORNTON-MASSA LECTURE
WHY DON’T MY TOMATOES HAVE ANY FLAVOR?
A CASE STUDY IN INDUSTRIAL AGRICULTURE

HARRY J. KLEE
SUNDAY, NOVEMBER 12, 2017
LECTURE | 3:30-5 P.M.
LORY STUDENT CENTER THEATRE | FORT COLLINS, COLO.

Harry J. Klee received a Ph.D. in Biochemistry from the University of Massachusetts. He did postdoctoral research on Agrobacterium tumefaciens at the University of Washington. He was employed by Monsanto Company from 1984-1995 where he developed technologies for plant transformation and transgene expression and participated in the team that developed Roundup resistant crops. He has worked on ethylene for the last three decades, with emphasis on its role in tomato fruit development.

In 1995, Harry J. Klee joined the University of Florida where he established a program to understand the biochemistry and genetics underlying flavor of fruit crops. His laboratory has identified many of the genes encoding important flavor synthesis activities. That work has transitioned into large-scale genomics approaches for improvements of tomato flavor, initially focusing on varieties for the home garden market and expanding into commercial germplasm.

FREE AND OPEN TO THE PUBLIC
Lecture hosted by:
College of Agricultural Sciences and College of Natural Sciences

FOR MORE INFORMATION
Please visit:
THORNTONMASSA.COLOSTATE.EDU
or call the Office of CSU Events at (970) 491-4601

Colorado State University
STATE YOUR PURPOSE
- THE CAMPAIGN FOR COLORADO STATE UNIVERSITY -
Fall Break Walk-in Advising

If you will be on campus during Fall Break and want to speak with an ASC while our calendars are less busy, please do!

November 20-22 (Monday - Wednesday),
We will be in the office answering emails, and only accepting walk-in appointments.

Just swing by any time between 9—11am and 1—3pm

November Academic Success Workshops by TILT Learning Programs

<table>
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<th>Memory &amp; Concentration</th>
<th>Overcoming Procrastination</th>
<th>Motivation &amp; Goal Setting</th>
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<td>Learn information-recall strategies and how to enhance your ability to focus</td>
<td>Understand why you procrastinate and learn strategies for changing those habits.</td>
<td>How to create short and long-term goals to keep you motivated.</td>
</tr>
</tbody>
</table>
| Tues. October 31 at 4pm  
Wed. November 1 at 5pm  
Thurs. November 2 at 6pm | Tues. November 7 at 4pm  
Wed. November 8 at 5pm  
Thurs. November 9 at 6pm | Tues. November 14 at 4pm  
Wed. November 15 at 5pm  
Thurs. November 16 at 6pm |

Stress Less
Learn the causes of stress, its positive and negative effects, and different coping strategies.

Tues. November 28 at 4 pm  
Thurs. November 30 at 6pm

Final Exam Prep
Tips for exam prep, making the most of your study time, and tackling your finals week.

Tues. December 5 at 4pm  
Wed. December 6 at 5pm  
Thurs. December 7 at 6pm

All workshops are free to CSU students and located in TILT 221
Biology Department Upper Division Zoology and Selected/Additional Field Courses Only Offered in the Spring

BZ214 Animal Biology—Vertebrates
BZ300 Animal Behavior (and summer)
BZ311 Developmental Biology (and summer)
  BZ329 Herpetology
  BZ335 Ornithology
  BZ415 Marine Biology
BZ420 Evolutionary Medicine
BZ440 Plant Physiology
BZ441 Plant Physiology Lab
BZ450 Plant Ecology
BZ455 Human Heredity and Birth Defects

Biology Department Upper Division Zoology and Selected/Additional Field Courses Only Offered in Spring of Even Years

BZ325 Plant Systematics
BZ424 Principles of Systematic Zoology
BZ466 Biological Basis of Animal Behavior
BZ530 Ecological Plant Morphology

NR370 Coastal Environmental Ecology will not be offered Spring 2018, but will be offered Fall 2018
Graduation Instructions – FALL 2017
Saturday, December 16, 2017, 6:00 p.m., Moby Arena

The deans, faculty, and staff of the College of Natural Sciences congratulate you on your upcoming graduation from Colorado State University! The College Commencement Ceremony individually recognizes bachelor’s graduates and their achievements. The Graduate School honors Masters’ and doctoral graduates in a separate ceremony. For Graduate School information, please call (970) 491-6817.

Please read the following information carefully and contact the College of Natural Sciences at (970) 491-1300 or cns.deanoff.reception@Mail.Colostate.edu with any questions.

CHECK IN and LINE UP

- Location: Intramural Gym of Moby Arena
- Check in begins at 4:30 p.m.
- You must be checked in and lined up under the department sign for your major no later than 5:30 p.m.

At check in, you will pick up your name card before you line up. Please arrive early, as this may be a time-consuming process with the large number of students graduating. You will give your name card to the announcer, who will read your name, major, and honors.

REGALIA

- Bachelor’s degree graduates wear black caps and gowns.
- Cum laude graduates wear gold caps and gowns. You must have your Registrar’s letter to receive your gown.
- University Honors Program scholars wear green caps and gowns and bachelor’s stole.
- Caps (mortarboard caps) are one size fits most and are yours to keep. Graduates requiring sized caps must return them immediately after the ceremony in exchange for a souvenir cap.
- Tassels are gold and are yours to keep. Tassels are worn on the right side and moved to left during the ceremony.
- Caps should be worn level, not tilted. In recognition of the tradition and dignity of the graduation ceremony, we request that you maintain an appropriate appearance by not decorating your regalia in any way.

Rentals

More information to come.

Regalia Distribution (ALL)

- Thursday, December 14, and Friday, December 15, 2017, 8:00 a.m. – 5:00 p.m.
- Location: Intramural Gym, Moby C-Wing (far east end of the Moby Complex).

Regalia Returns

All regalia must be returned following the ceremony, as there will not be a location available on campus after the ceremony. Please return to the Intramural Gym, Moby C-Wing. Please note that there may be a charge for late returns.
PARKING

Beginning at 4:00 p.m. Friday, December 15 through Sunday, December 17, 2017, free parking for visitors is available in the lot west of Moby Arena or anywhere on campus (except 20-minute loading zones, metered zones, or red zones). For more information regarding parking, please visit CSU Parking Services at http://parking.colostate.edu/ or call (970) 491-7041.

SEATING & TICKETS

There is no reserved seating or distribution of tickets. You may invite as many guests as you wish. As a courtesy to other guests, please do not block off rows of seats. Guests should arrive at least 30 minutes prior to the start of the ceremony, which begins at 6:00 p.m.

Disabled Seating/Access: The first two rows of the north and south sides of Moby are designated for those guests who need assistance or accommodation for mobility. The first three rows in section P are for hearing impaired, and the four “corners” are designated for guests with wheelchairs and a companion. Guests may access the Moby Arena via the north and south entrances, although the north entrance is the easiest for dropping off guests as it faces the street. Please contact the Dean’s Office at (970) 491-1300 or cns-deanoff_reception@Mail.Colostate.edu for more information.

DIPLOMA COVERS

Graduates receive a diploma cover at commencement. The actual diploma will be mailed to all graduates six to eight weeks after commencement. For those unable to attend the ceremonies, diploma covers are available in the Registrar’s Office at no charge. Please submit mailing requests to Diplomaoffice@colostate.edu; the postage cost is $5.00 per cover for U.S. mailings.

PHOTOGRAPHY

GradImages® is the official photographer for the ceremony. You may review photos for purchase online the week after commencement at www.gradimages.com. To receive an email when your photos are available, visit http://www.gradimages.com/Preregistration. For additional information, please contact (800) 261-2576 or giservice@gradimages.net.

ANNOUNCEMENT SALES

Representatives from CB Grad Announcements (announcements) and Josten’s (class rings) will be on campus in October in the Lory Student Center Flea Market area (outside the University Bookstore) to take advanced, customized orders. The Grad Fair, sponsored by the Bookstore, will be Wednesday, October 17, 10:00 a.m. – 2:00 p.m.

After October 17, announcement orders may be placed at www.cbgrad.com or by calling 800-433-0296. Customized orders are completed within seven days of the order date. Generic announcements (non-personalized announcements) may be purchased at the University Bookstore any time.

UNIVERSITY POLICY:

It is illegal to bring alcoholic beverages into Moby Arena. Uniformed police officers, event staff, and faculty marshals will be in attendance when you enter the assembly area and throughout the ceremony. In accordance with Commencement policies, robes, purses, etc., may be inspected as you enter. Prohibited items are not allowed and will be confiscated. All attendees should refrain from using air horns.
Please Remember... The College Commencement Ceremony is the capstone of your academic experience at CSU. It is a public event that reflects upon you as an individual and the College and University as a whole. Your recognition of the rights of other students, their families, and their friends to enjoy the ceremony free from disruptive or otherwise inappropriate behavior is appreciated.

For more information and updates, please visit http://www.natsci.colostate.edu/current-students/graduation/.
SUMMER UNDERGRADUATE RESEARCH FELLOWSHIPS (SURF)

in
Biological Chemistry
Biomedical Engineering
Biophysics
Cancer
Cell Regulation
Chemistry
Computational Biology
Developmental Biology
Genetics
Immunology
Integrative Biology
Kidney Development and Disease
Mechanisms of Disease
Microbiology
Molecular Biology
Neuroscience
Pharmacology
Stem Cell Biology
Systems Biology

SURF is one of five research intensive programs offered at UT Southwestern. Complete details can be found at www.ut southwestern.edu/SURF. This website also provides links to SURF-Stem Cell, Quantitative and Physical Science (QP)-SURF, QP-SURF-Chemistry, and the Summer Undergraduate Research Institute for the Study of Kidney Disease (SURISKD).

OBJECTIVE
To provide an intensive research training experience that leads to an understanding of the planning, discipline, and teamwork involved in the pursuit of basic answers to current questions in the biological sciences. Fellows will pursue individual research projects under the direction of a member of the graduate school faculty. Lectures and seminars by faculty members will supplement the research experience.

ELIGIBILITY
Applicants must be enrolled in a science degree program at the undergraduate level and have completed the sophomore year. Criteria used in selecting fellowship recipients include grades, relevant experience, and letters of recommendation from faculty who can assess the applicant’s potential for success in biological research.

SALARY AND TENURE
Each fellowship award carries with it $4,000 in support for the 10-week period beginning June 4, 2018 through August 10, 2018. This support is taxable. If a fellow requires housing, the costs will be covered by the program; however, fellows are responsible for paying for their own travel expenses and will not be reimbursed by the SURF Program.

HOW TO APPLY
The SURF application is available on-line at www.ut southwestern.edu/SURF. Completed applications should be submitted by February 9, 2018. In addition to submitting an on-line application including uploading transcripts, your reference letters must be received by February 23, 2018.

FOR ADDITIONAL INFORMATION
Contact Minerva Chihuahua, SURF Administrator, Southwestern Graduate School, The University of Texas Southwestern Medical Center, 5323 Harry Hines Blvd., Dallas, TX 75390-9004, (214) 648-0747, minerva.chihuahua@utsouthwestern.edu

(An equal opportunity institution)
SUMMER UNDERGRADUATE RESEARCH FELLOWSHIPS in STEM CELL Regenerative Science and Medicine

OBJECTIVE
To provide an intensive research training experience aimed at deciphering fundamental mechanisms and developmental principals of tissue formation, and to pioneer new approaches to rejuvenate and regenerate damaged organs. Fellows will pursue individual research projects under the direction of a member of the graduate school faculty. Lectures, journal clubs, and seminars will complement the research experience.

ELIGIBILITY
Applicants must be enrolled in a science degree program at the undergraduate level and have completed the sophomore year. Criteria used in selecting fellowship recipients will include college grades, relevant experience, and letters of recommendation from faculty who can assess the applicant’s potential for advanced training and success in biological research.

SALARY AND TENURE
Each fellowship award carries with it $4,000 in support for the 10-week period beginning June 4, 2018 through August 10, 2018. This support is taxable and is the mechanism used by the university to pay summer fellows for their training. If a fellow requires housing, the costs will be covered by the program; however, fellows are responsible for paying for their own travel expenses and will not be reimbursed by the program. Complete details about the SURF-STEM CELL program can be found at www.utsouthwestern.edu/SURF-STEMCELL.

HOW TO APPLY
The SURF-STEM CELL application is available on-line at www.utsouthwestern.edu/SURF-STEMCELL. Completed applications should be submitted by February 9, 2018. In addition to submitting an on-line application included uploading transcripts, your reference letters must be received by February 23, 2018.

FOR ADDITIONAL INFORMATION
Contact Minerva Chihuahua, SURF Administrator, The University of Texas Southwestern Medical Center, 5323 Harry Hines Blvd., Dallas, TX 75390-9004, (214) 648-0747, minerva.chihuahua@utsouthwestern.edu.

(An equal opportunity institution)

UT Southwestern
Graduate School of Biomedical Sciences
SUMMER UNDERGRADUATE RESEARCH INSTITUTION for the
STUDY OF KIDNEY DISEASE (SURISKD)

OBJECTIVE
To provide an intensive research training experience that leads to an understanding of the planning, discipline, and teamwork involved in the pursuit of basic answers to current questions in kidney-related research. Topics of research will range from embryonic development and physiology to kidney cancer and imaging. Fellows will pursue individual research projects under the direction of a member of the graduate school faculty. Lectures, journal clubs and seminars by faculty members will supplement the research experience. Fellows will present their accomplishments at a Summer Student Research Program meeting hosted by the National Institute of Health, National Institute of Diabetes and Digestive and Kidney Diseases.

ELIGIBILITY
Applicants must be enrolled in a science degree program at the undergraduate level and have completed the sophomore year. Criteria used in selecting fellowship recipients will include college grades, relevant experience, and letters of recommendation from faculty who can assess the applicant’s potential for advanced training and success in research that integrates quantitative and biomedical science.

SALARY AND TENURE
Each fellowship award carries with it a $4,000 salary for the 10-week period beginning June 4, 2018 through August 10, 2018. This support is taxable and is the mechanism used by the university to pay SURISKD students for their training. If a fellow requires housing, the costs will be covered by the program; however, fellows are responsible for paying for their own travel expenses and will not be reimbursed by the SURISKD Program. Complete details about the SURISKD program can be found at www.utsouthwestern.edu/SURISKD.

HOW TO APPLY
The SURISKD application is available on-line at www.utsouthwestern.edu/SURISKD. Completed applications should be submitted by February 9, 2018. In addition to submitting an on-line application including uploaded transcripts, your reference letters must be received by February 23, 2018.

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(An equal opportunity institution)  UT Southwestern
Graduate School of Biomedical Sciences
Lilly Dethier (one of our Biology Department ASCs) is transitioning into a new role at CSU as the Assistant Director for Health Professions Advising. She’ll still be at CSU, but working with pre-health students instead of Biology/Zoology students. Please direct your future advising questions to Liz Hysen, Liz Menter or Abbie Reader. Friday November 17th is her last day in the Biology Department