

School of Engineering Weekly E-Newsletter

Week of February 27, 2017

Vol. 7- Issue 10

Announcements

Advising and More! More information on Page 2.

Commencement Information. More information on Page 6.

Graduation Information. More information on Page 7.

Important Dates:

**** Mid-semester grades out—
March 14**

**** Deadline to withdraw with “W” —
April 4**

If you need assistance, please contact
your [advisor](#)



Internships, Jobs, Fellowships, & Graduate School

[New: NCCAVS Undergraduate Scholarship Opportunity](#)

[Institute for Broadening Participation](#)

[Rentec Direct's Tech Mastery Scholarship](#)

[Nourish Technology Inc. CSE Intern](#)

[Nourish Technology Inc. ME Intern](#)

[CRM Administrator & Applications Programmer
\(Contract\)](#)

[Biosense Webster](#)

[The Air Force Research Laboratory](#)

[GEICO Achievement Award](#)

[Entry Level Jobs and Internships at Pfizer](#)

[Santa Cruz Biotechnology-Entry Level Computer
Science position](#)

[GoEngineer webinars](#)

[AccessComputing](#)

[Pathways to Science](#)

[NASA internships, fellowships and scholarships](#)

[California Energy Commission energy analyst](#)

For more information visit:

[http://enr-advising.ucmerced.edu/resources/
career-resources/internships-research-
opportunities](http://enr-advising.ucmerced.edu/resources/career-resources/internships-research-opportunities)

Advising/Student Services

Don't forget to check us out on [Facebook](#)!

Need to contact your academic advisor? Check [here](#) for more information.

Visit our website at <http://enr-advicing.ucmerced.edu/>

Academic Advising

Advising WALK-IN

No walk-in availability until after March 10, 2017.
Appointments only.

****See advising website for your advisors specific availability****

Last Names A-E (all students) – Nadia Margison
(nmargison@ucmerced.edu)

Last Names F-L (all students) – Christina Mayo-Hessler
(cmayo@ucmerced.edu)

Last Names M-Q (all students) – Phung Colvin
(pcolvin@ucmerced.edu)

Last Names R-Z (all students) – Karla Gonzalez
(kgonzalez34@ucmerced.edu)

Resources

Stem Resource Center— Free tutoring, STEM courses

Location: AOA 114

Website: <http://stemresourcecenter.ucmerced.edu/>

Tutoring Schedule:

<http://stemresourcecenter.ucmerced.edu/tutoring>

Bright Success Center— Peer Assisted Learning Support
available start **February 2nd**.

Location: KL 222

Website:

<http://learning.ucmerced.edu/programs/tutoring>

Note: Please check the website as the schedule will continue to develop. All sessions are **free** of charge, no sign-ups needed.

Center for Career & Professional Advancement (Career Services)

Center for Career & Professional Advancement has open walk-in hours every day from 10 am to 2pm to assist you with career related questions.

Spring 2017 Semester

ANNOUNCEMENT!

Walk-In hours and **appointment** times have changed!

Advisors will be seen during APPOINTMENTS ONLY until March 10, 2017.

Please be sure to check our advising website for specific times.

<http://engr-advising.ucmerced.edu/see-my-advisor>



Fall 2016 Semester

Tutoring

Mid-term exams are upon us!

Don't forget about tutoring at the [STEM Resource Center](#) and [PALS Program](#)!



Fall 2015 Cohort!

Jump Start Your 3rd Year!

Is this your second year at UC Merced? Are you an Engineering Student? Did you start here as a freshman student? If you answered yes,

Then please continue to keep an eye out for emails regarding Jump Start Your 3rd Year!

Let us get a “jump start” on preparing for your 3rd year of college as a School of Engineering student!

Topics to be discussed will include (but not be limited to):

- How's school going?
- What are your plans for after graduation?
- Are you already involved in internships/research/volunteering?
- Have you visited the Center for Career and Professional Advancement?



* Deadline to make these appointments before holds will be placed: March 10, 2017

Commencement Information

Calling all Spring 2017 and Summer 2017 graduates!

If you've completed over 90 units, you may be eligible to participate in Commencement 2017!

New location for Commencement 2017: **The Carol Tomlinson-Keasey Quad**

CEREMONY INFORMATION:

SCHOOL OF ENGINEERING & SCHOOL OF NATURAL SCIENCES

SATURDAY, MAY 13, 2017 -- 9:00 A.M.

SCHOOL OF SOCIAL SCIENCES, HUMANITIES, AND ARTS

SUNDAY, MAY 14, 2017 - 9:00 A.M.

GENERAL REQUIREMENTS:

Eligible candidates (undergraduate and graduate) who are completing their degree requirements must have a [Graduation Application](#) on file with the Registrar prior to completing the [Commencement Participation Registration Form](#).

If you are a senior planning to graduate, you will need to complete the [Graduation Application](#) for the term in which you will complete your degree requirements.

- continued on next slide—



Graduation Information

Calling all Spring 2017 and Summer 2017 graduates!

Please reference the application deadlines below:

Graduation Term	Graduation Application Deadline	Commencement Registration Deadline
Spring 2017	February 15, 2017	February 15, 2017
Summer 2017	June 15, 2017	February 15, 2017

For questions regarding your Graduation Application, please contact the Office of the Registrar at: registrar@ucmerced.edu.

COMMENCEMENT PARTICIPATION APPEALS:

[Commencement Participation Appeals](#) may be submitted by students who wish to participate in Commencement 2017, but are scheduled to complete their degree in Fall 2017 or later. Appeals are reviewed individually and granted on an **as-needed basis only**. The deadline to submit a participation appeal is March 20, 2017.

TICKETS AND PARKING:

Each commencement participant will receive eight (8) guest tickets and a maximum of two (2) parking permits. Distribution information will be sent out during the spring semester.

WEBSITE & ADDITIONAL QUESTIONS:

The [Commencement website](#) is now live and you will be able to find the answers to several of your questions there. If you have any additional questions, please contact us at any time via email at commencement@ucmerced.edu.

Workshops, Events & Sessions

Engineering Service Learning Workshops

Sign-up for any of the following events at:

<http://engineeringervicelearning.ucmerced.edu/events>

MATLAB: Introduction

Food will be provided to registered attendees of this workshop.

This workshop will introduce participants to MATLAB. MATLAB is an environment where you can automate calculations for a variety of disciplines. The presenter will be going over basic syntax so you can use the program on your own or go to the next workshop and start solving problems.

If you have any questions, please contact us at esl@ucmerced.edu

Tuesday, February 28, 2017

11:00 am—12:00 pm

SSM 154

<http://engineeringervicelearning.ucmerced.edu/events/matlab-introduction>

Front-End Web Development: Completing your Webpage!

Food will be provided. This workshop will show how attendees can place what they have learned in the previous workshops to practical use by placing all three Front-End Programming Languages – HTML/CSS/JS – to use by creating their own webpage. They will apply what they have learned to create a blog site, and have the opportunity to learn about backend programming, which consists of server-side programming and a database implementation.

If you have any questions, please contact us at esl@ucmerced.edu.

Thursday, March 9, 2017

11:00 am—12:30 pm

S&E 160

Workshops, Events & Sessions

Engineering Service Learning Workshops

Sign-up for any of the following events at:

MATLAB: Intermediate

Food will be provided.

This workshop will build on the previous sessions to build a student's working knowledge of MATLAB.

If you have any questions, please contact us at esl@ucmerced.edu

Tuesday, March 7, 2017

11:00 am—12:00 pm

SSM 154

<http://engineeringervicelearning.ucmerced.edu/events/matlab-intermediate>

Speed Resume Review

Food will be provided.

Students attending this workshop will be able to receive a resume review in 5 minutes from the Center for Career and Professional Advancement.

If you have any questions, please contact us at esl@ucmerced.edu.

Wednesday, March 8, 2017

12:00 pm—1:00 pm

COB 1, 116

<http://engineeringervicelearning.ucmerced.edu/events/front-end-web-development-introduction>



Workshops, Events & Sessions

Engineering Service Learning Workshops

Sign-up for any of the following events at:

GIS: Essentials

Food will be provided.

This workshop will expose students to the essentials of Geographic Information Systems (GIS). GIS are designed to capture, store, manipulate, analyze, manage, and present all types of spatial or geographical data.

If you have any questions, please contact us at esl@ucmerced.edu

Friday, March 3, 2017

11:00 am—1:00 pm

KL 371

<http://engineeringervicelearning.ucmerced.edu/events/gis-essentials-1>

Professional Development: Sell Your Experience

During your college experience you gained skills that an employer wants but how do you sell them to an employer. The Lead STEM Career Specialist will be hosting a workshop training students in the Art of interviewing, networking, and storytelling utilizing the STAR method.

Friday, March 10, 2017

1:30 pm—2:30 pm

COB 1, 114

<http://engineeringervicelearning.ucmerced.edu/events/professional-development-sell-your-experience>

Workshops, Events & Sessions

CITRIS Workshops

Sign-up for any of the following events at:

<http://citrис.ucmerced.edu/calendar/2017-03>

MAC Workshop #3A: Android Development

February 28, 2017

5:30 pm—8:30 pm

COB 2 140

MAC Workshop #3B: IOS Development

March 2, 2017

5:30 pm—8:30 pm

COB 2 140

Workshops

Resume and Cover Letter Workshop

February 8

**SSB 230
3 PM - 4 PM**

March 7

**SSB 250
10 AM - 11 AM**

April 5

**SSB 230
3 PM - 4 PM**

Learn how to attract an employer's attention
with a targeted resume and cover letter.

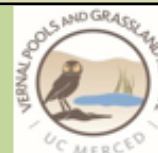
UCMERCED
Center for Career &
Professional Advancement

@hireucmerced



Workshops

Naturalist Training Course Vernal Pools and Grassland Reserve



Spring 2017



Hiking, nature study, bird watching, fun!



Course is meant to provide UCM students with the background, knowledge and hands-on experience to become student naturalists and lead trips in the Vernal Pools and Grassland Reserve. Non-credit. No cost!



Topics Covered



- Introduction to Reserve ecosystem: endangered habitats and organisms.
- Common animals, birds and plants of the Reserve: identification, habitats, range, diet and foraging
- Navigating the Reserve: maps, features, orienteering, and using a GPS
- Avian raptors: predator-prey relations
- Invasive plants: characteristics, adaptations and impacts
- Local hydrology, climate and weather patterns



Schedule & Time

Mondays, 9-11:50am
Feb 6- April 24, 2017

Location

107 Social Science &
Management Building

**To Register: Contact Mo Kolster, Reserve
Director, at mkolster@ucmerced.edu**

Forum

California Forum for Diversity in Graduate Education

Saturday, April 8, 2017 | University of California, Merced
8:00 am-4:00 pm

The Forum is an all day event designed to acquaint students from underrepresented groups with the academic and career opportunities associated with advanced study in a wide range of disciplines.

Open to: Sophomores | Juniors | Seniors | Master's Candidates
**(minimum GPA of 3.0 recommended for all students)

The forum will offer workshops on

- ♦ How to Pay for Grad School: Before, During, and After
- ♦ Demystifying the GRE
- ♦ How to Prepare for the GRE
- ♦ The Relation of the Master's to the PhD
- ♦ How to Select, Apply to, & Prepare for Graduate School
- ♦ Undergraduate Research Opportunities
- ♦ Identifying Pathways for AB 540 and Undocumented Students
- ♦ How to Write a Winning Statement of Purpose
- ♦ Keys to Success and Survival in Grad School
- ♦ Successful Strategies for Acquiring Strong Letters of Recommendation

All participating students must register for the forum at: <http://www.caldiversityforum.org/register> by using the registration code: **bobcat2017**.

The registration deadline is scheduled for March 24, 2017 or once Forum reaches capacity, whichever comes first. After submitting the online registration, the stu-

2017 Northern California Forum for Diversity in Graduate Education

UC Merced will be hosting the **2017 Northern California Forum for Diversity in Graduate Education**. The Forum will be held on **Saturday, April 8, 2017**, from 8:00 am to 4:00 pm. This is a great event designed to encourage student who come from underrepresented groups to get acquainted with academic opportunities in graduate education. Between 1,000 to 1,200 diverse undergraduates and master's students will attend from the northern UCs and CSUs, and many of the northern California privates (Stanford, UOP, USF, Mills, etc.).

and subject specific workshops on

- ♦ Physical Sciences & Math
- ♦ Arts & Humanities
- ♦ Life Sciences
- ♦ Social Sciences
- ♦ Engineering & Computer Science
- ♦ Education
- ♦ Behavioral Sciences
- ♦ Health & Human Services

Plus! **Graduate Recruitment Fair**

Featuring **150+ recruiters** from across the nation

The Forum will provide **FREE LUNCH**.

Register now — space is limited!

To participate in the Forum, please visit: caldiversityforum.org/register.

The registration code is: **bobcat2017**

UC Merced: Graduate Division

For more information: grad@ucmerced.edu

Opportunities

The DREAM CAREER ACADEMY

The Dream Career Academy has been designed to empower undocumented students through a six-week, small group, interactive career seminar managed by the Center for Career and Professional Advancement.

The program will meet every Friday for six (6) weeks

FEBRUARY 17, 2017 - MARCH 24, 2017
11 AM - 12:30 PM | SSB 250

The program is restricted to 15 students per session in order to optimize interaction by all seminar members

DEADLINE TO APPLY : WEDNESDAY, FEBRUARY 1, 2017

CONTACT: MYRA FERNANDEZ
MFERNANDEZ29@UCMERCED.EDU

UCMERCED
Center for Career &
Professional Advancement

hire.ucmerced.edu
careercenter@ucmerced.edu
SSB 230



Opportunities

NCCAUS Undergraduate Scholarship Opportunity

The Northern California Chapter of the AVS (NCCAUS) is awarding an undergraduate scholarship for student(s) who show exceptional promise in areas of interest to the AVS. The AVS is an interdisciplinary, professional society that supports networking among academic, industrial, government, and consulting professionals involved in a variety of disciplines - chemistry, physics, biology, mathematics, all engineering disciplines, business, sales, etc. through common interests related to the basic science, technology development, and commercialization of materials, interfaces, and processing area.

The scholarship is for \$5,000 per year, renewable up to four years as long as the student remains in good standing with a minimum 3.0 GPA. The student must be enrolled full time in a scientific or technical area of study relevant to the AVS. The awardee will receive a complimentary student membership in the AVS and will be given the opportunity to participate and organize the NCCAUS annual equipment exhibition, technical symposium, and student poster session.

Requirements for the scholarship include:

- First or second year undergraduate student enrolled in a 4-year college or university within the geographic bounds of the NCCAUS (which includes California zip codes 93700-96099 and Nevada)
- Declared major in a field that displays relevance to the AVS.
- Minimum 3.0 cumulative GPA

To apply, submit the following materials to nccaus_scholarship@avs.org:

- A one-page statement of purpose, describing the applicant's career interests and how it may be relevant and contribute to the mission of the AVS. (See <http://avs.org/About> for more information)



*Science and Technology
of Materials, Interfaces, and Processing*

- One letter of recommendation from someone who can assess the student's potential for areas of interest to the AVS. (The letter may be sent separately by the reference)
- Unofficial Academic Transcript. Abbreviations of classes should be correlated with class titles if not provided on the transcript. Official Transcripts will be required prior to award

Applications are due no later than Mar. 31, 2017. The award will be announced by May 19, 2017.

Engineering Humor

ENGINEERING FACT

LONG TIME AGO, PEOPLE WHO
SACRIFICED THEIR SLEEP, FAMILY,
FOOD, LAUGHTER AND OTHER JOYS
OF LIFE WERE CALLED

SAINTS

NOW, THEY ARE CALLED

ENGINEERS



ENGINEERING

For those times when you go camping and pack tin snips,
an empty tin can, tin foil and some random cooking grid
instead of a stove.

