

# UPCOMING IMPORTANT DATES & DEADLINES

Fall Semester Begins: August 17, 2022 Fall Instruction Begins: August 24, 2022 Labor Day Holiday: September 5, 2022

Last Day to Add/Drop Courses: September 14, 2022

Spring 2023 Registration: November 7 - November 18, 2022

Veterans Day Holiday: November 11, 2022 Non-Instructional Day: November 23, 2022

Thanksgiving Holiday: November 24 - Friday, November 25, 2022

Fall Instruction Ends: December 9, 2022

Final Exams: Dec 10 & Dec 12 - Dec 16, 2022

Fall Semester Ends: December 16, 2022

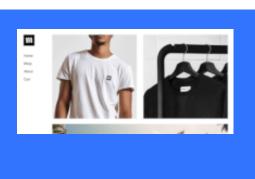
#### Spring 2023

January 17, 2023 – May 12, 2023

Add Class Online: January 17, 2023 – January 23, 2023 (By 4pm)

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nstructor Signature. Late Add Form Required: January



ruary 6, 2023 (By 4pm)

line: January 17, 2023 – February 6, 2023 (By 4pm)

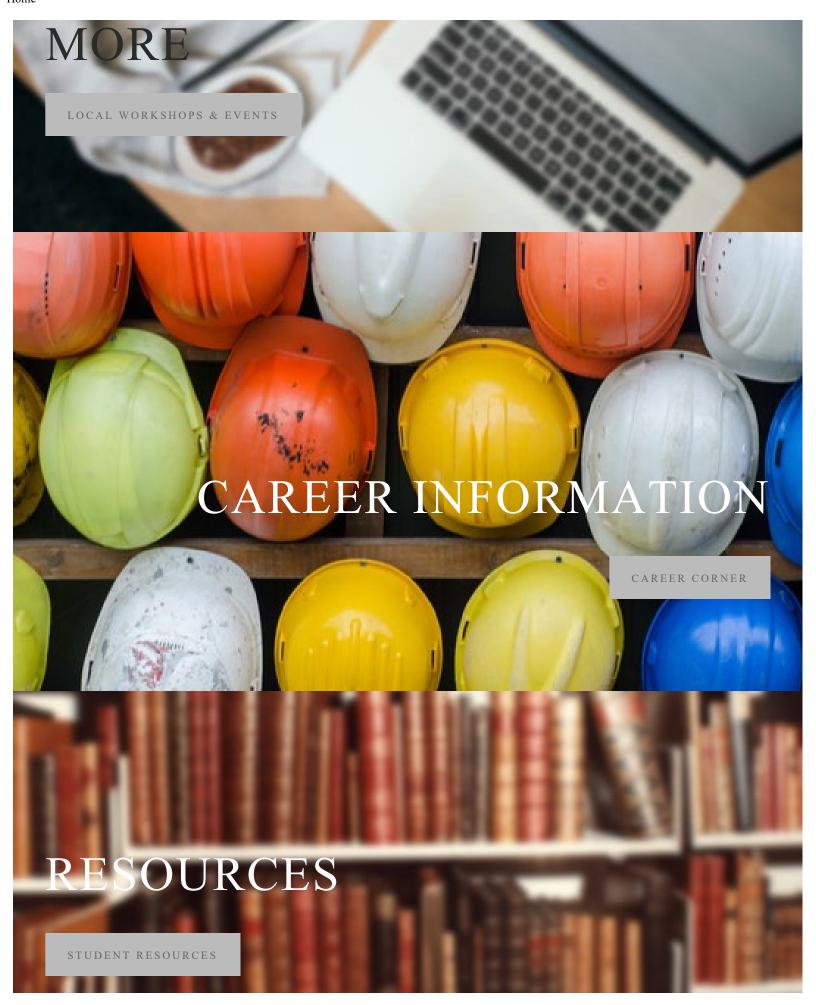
Grades: Tuesday, March 14, 2023 (at noon)

n Class with Instructor and Dean's signature. Course

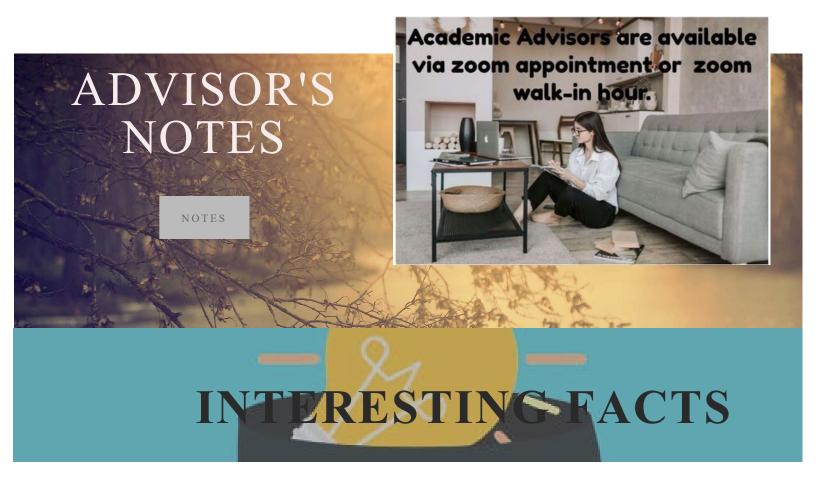
rm Required: February 7, 2023 – April 4, 2023 (By 4pm)

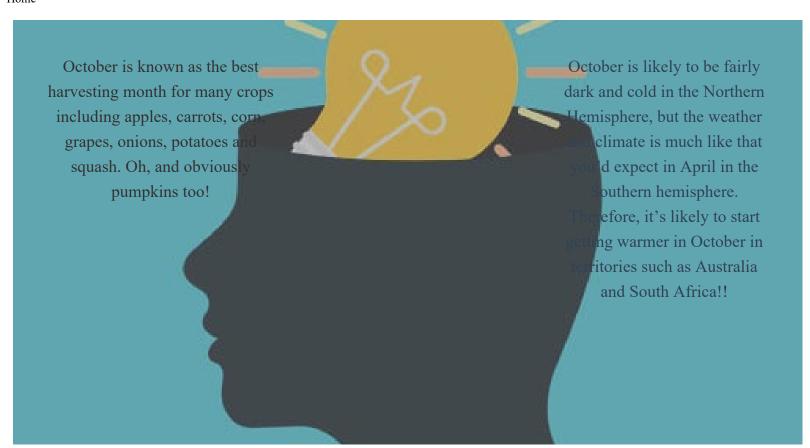
SCHOOL OF ENGINEERING ONLINE FORMS











### What's New?

### WELCOME, DEAN RAKESH GOEL



Please join the School of Engineering in welcoming Dr. Rakesh Goel as the next Dean, in the School of Engineering.

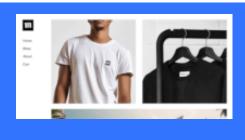
Dr. Goel is a seasoned academic leader who currently serves as Executive Associate Dean in the College of Engineering at California Polytechnic State University, San Luis Obispo (Cal Poly). In his current role, he is directly responsible for faculty hiring and mentoring, academic personnel and human resources processes, managing a \$40M state-side budget and a \$40M gift and endowment fund, overseeing research expenditures of \$10M, and managing day-to-day operations of the college. He has been instrumental in working with faculty, external partners and governmental agencies, which previously led to three different congressional appropriations totaling \$12.5M to support a thermal vacuum chamber, unmanned aerial systems, and a high-performance computing and hypersonic wind tunnel infrastructure at Cal Poly.

Prior to his arrival at Cal Poly, Dr. Goel was Assistant Professor of Civil Engineering at Syracuse University and worked at the Earthquake Engineering Research Center at the University of California, Berkeley as an Assistant Research Engineer. Dr. Goel has industry experience both in India and the U.S. in the field of civil and structural engineering. He is a registered civil engineer in the State of California and is a certified safety assessment program worker for the California Office of Emergency Services.

Dr. Goel is a national and international leader in the discipline of earthquake analysis and design structures. His work has been adapted by seismic codes and guidelines in the US, such as ASCE 7, FEMA-356, California Building Code, and ASCE 61. He has authored/co-authored more than 150 publications and has been awarded the Amman Fellowship, the Huber Research Prize, and the Norman Medal by the American Society of Civil Engineers. He has also received the Northrop Grumman Research and Development Award for his research accomplishments at Cal Poly. He is Fellow of

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SCE) and the Structural Engineering Institute (SEI), where he has chaired he editorial board for the Journal of Structural Engineering and Earthquake



ril engineering from the Indian Institute of Technology in Delhi, India. He neering from the UC Berkeley. Dr. Goel will joined our Team on Oct. 1,

ump Start Your 3rd Year (JS3)

Attend the Open house Events to prepare for Jump Start Your Third Year!

All students in their second year are required to complete Jump Start Your 3rd Year meeting with their intended School during the academic year. We hope this connection with an advisor will help facilitate progress towards a degree and support students in the development of educational goals.

All students intending an engineering degree are required to participate in an activity that introduces them to careeroriented resources. That career can be going into industry or continuing into higher education. We would like for students to consider who on this campus can assist them with their future goals outside of advising in Engineering.

#### Requirements to complete JS3:1.

- 1. Complete the Jump Start Your 3rd Year Webform (click here)
- o Part of your form requires you to attend one Career-Oriented event hosted by
  - § Attend any of the School of Engineering Open House Events
- § Center for Career & Professional Advancement (i.e., Meet-ups, complete the O\*Net Profiler and meet with a career specialist)
  - § Engineering Service Learning (i.e., workshops, special topics events)
  - § Undergraduate Research Opportunities Center
  - § Study Abroad Program (i.e., info session)
  - § or speak to a faculty member about your career/future aspirations
  - § Attend and ask questions at a Graduate Students' Defense OR
  - § Attend a conference, webinar, TEDTalks or a career-oriented event not listed above
  - § Watch a prior year Open House Virtual Panel video for your declared/intended Major
- o Please be prepared to discuss this further with your academic advisor

#### 2. MyDegreePath Graduation Plan

- o The next portion of JumpStart Your 3rd year is to create a graduation plan through MyDegreePath which includes all of your remaining graduation requirements (with technical electives).
  - § See checklists and flowcharts here as guides

- § Here is a step-by-step document on how to use MyDegreePath
- § Here is a video on how to use the MyDegreePath plan
- o Make sure your plan
  - § Starred as your favorite on MyDegreePath
  - § Up-to-date
  - § Complete with technical electives selected
- o You are expected to complete your graduation plan before scheduling an appointment.

#### 3. Schedule an appointment

- o Schedule an appointment with your academic advisor after you have completed steps 1 and 2 above.
- o This will be a 20 minute appointment
- o Be prepared to discuss your future goals
- o After your appointment your advisor will email you with their comments on your graduation plan

#### You are expected to complete your graduation plan <u>before</u> your appointment.

A Hold will be placed on your account for the Jump Start your Third Year requirement.

Once Steps 1,2, and 3 have been completed your hold will be removed.

You are expected to complete your graduation plan before your appointment.

Once Steps 1,2, and 3 have been completed your hold will be removed.

BioE and UENGR students are required to complete JS3 in Fall term. Hold activation date October 1, 2022. CE, CSE, ME, MSE, and EnvE students are required to complete JS3 in Spring term. Hold activation date March 10th, 2023.

A hold will prevent you from enrolling in courses for the following term.

#### MANDATORY TRANSFER ADVISING

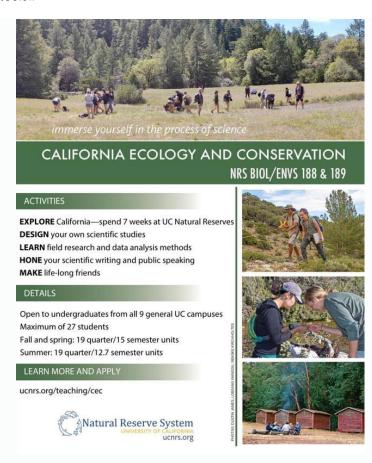
In an effort to continue our conversation from the summer, all first semester transfer student will be required to meet with an academic advisor for a one-on-one appointment this Fall semester. During this appointment we will discuss:

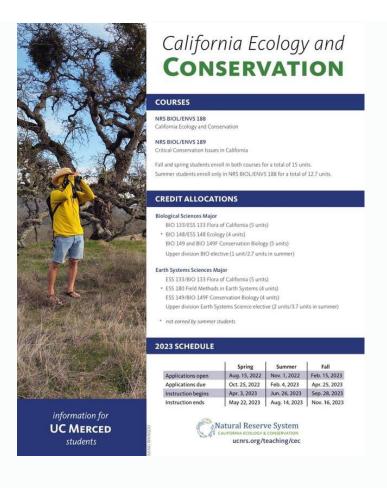
- How your currently doing in your courses
- Any edits required on your MyAudit
- Any outstanding petitions
- Review the graduation plan you built in MyDegreePath

#### Things for you to do:

- 1. Complete a graduation plan by utilizing MyDegreePath planner (here is a how to video)
  - 1. When you log into MyDegreePath, click on the "Plans" tab
  - 2. Click "Create a new plan"
  - 3. Scroll down to your major
  - 4. Select "22-23 Transfer " or for **BioE only select "20-21 Transfer "**
  - 5. Name plan
  - 6. You will need to move everything from the left side to the right side.
    - 1. If there are items you think you already completed, leave on the left side
    - 2. Make sure to select technical electives
- 2. Schedule an appointment with an academic advisor via the **online appointment system**.
  - 1. Click on the "Make an appointment with..." link under an advisor's name
  - 2. Select a day and time.
  - 3. Fill out the information requested, then click "Schedule Event."
  - 4. Check your email, you will receive an email confirmation with your appointment information.
- 3. Show up to your appointment on time! If you arrive more than 5 minutes after your scheduled appointment (in person or via Zoom), you will not be seen and will have to reschedule the appointment.

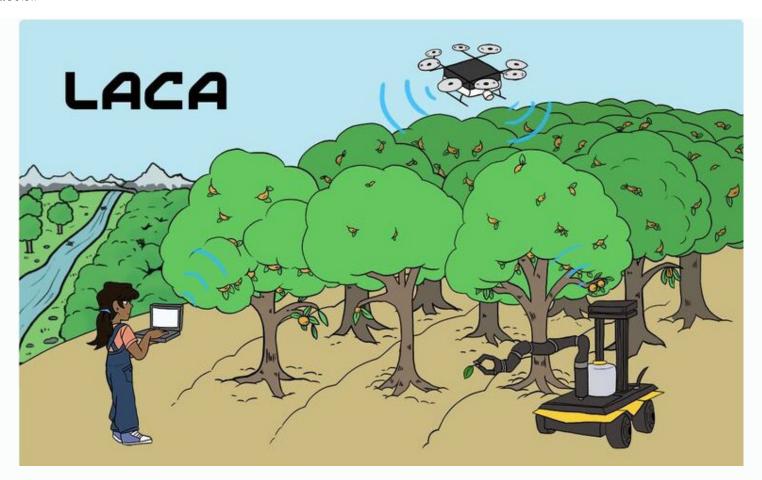
### APPLICATIONS FOR THE SPRING 2023 OFFERING OF THE UC NATURAL RESERVE SYSTEM FIELD PROGRAM, CALIFORNIA ECOLOGY AND CONSERVATION





Applications for the Spring 2023 offering of the UC Natural Reserve System field program, California Ecology and Conservation are due on October 25, 2022. Applications can be found here: <a href="https://nrs.submittable.com/submit">https://nrs.submittable.com/submit</a> California Ecology and Conservation is an intensive field program that transforms students into scientists. The course is specifically tailored for students contemplating a career in ecology, conservation biology, or a related field. More information is available on the course website: <a href="https://ucnrs.org/teaching/cec/">https://ucnrs.org/teaching/cec/</a>

### SPRING 2023 SPECIAL CLASS!



(For November/December/January, we can move this post to Workshops, Events and more)

SPRING 2023 SPECIAL CLASS!

Directed Group Study on Labor Automation and Sustainability in Agriculture (LACA):

Working toward Convergence

Wednesdays 12:30-2:20 PM (2 units, P/NP)

Special class: UC Merced course numbers ENVE 198 undergrad / ES 298 grad

Intercampus enrollment is welcome with instructor and home campus permission!

The objective of this class is to understand and practice convergent thinking in the context of agricultural systems.

LACA, Labor & Automation in California Agriculture, is a multicampus research initiative program focused on research convergence at the intersection of agricultural technology, environmental sustainability, and farm labor. In this class we will hear from and dialogue with researchers, farmers, and technology experts on agricultural innovations that make sense by (1) increasing the efficiency and quality of food production, (2) reducing the tedium and risk of harm to farmers and farm workers, and (3) helping to automate environmental sustainability needs associated with farming. Guided by Professor Tom Harmon at UC Merced, this course includes guest appearances by David Zilberman (UC Berkeley), Amit Roy Chowdhury and Kosta Karydis (UC Riverside), Colleen Naughton (UC Merced), Tapan Pathak (UC Agriculture & Natural Resources) and more!

In addition to learning from this world-class team, students will team up to tackle agricultural challenges by developing and refining their own conceptual design using the LACA approach. Click on the link below to watch the video produced in Spring 2022 to illustrate student-devised solutions to the powdery mildew vineyard problem.

This is a 2 unit, P/NP option only, so will not count towards degree requirements.

Check out the VIDEO made by last year's class!

For more information, check out the LACA website, and feel free to contact lead instructor Tom Harmon (tharmon@ucmerced.edu). Non-UC Merced students are welcome to enroll but need to seek guidance on simultaneous and cross campus enrollment forms and permissions from their course advisors and degree programs.

### THE FUNDAMENTALS OF ENGINEERING (FE) EXAM

Civil Engineering—Environmental Engineering

Materials Science & Engineering — Mechanical Engineering

Start Planning for the FE Fundamentals of Engineering Exam!

The Fundamentals of Engineering (FE) exam is generally your first step in the process to becoming a licensed Professional Engineer (PE).

**UC Merced School of Engineering** Fundamentals of Engineering student examination preparation site: (https://engineering.ucmerced.edu/FE-Exam-Prep)

#### UC Merced School of Engineering Support: Kaplan FE Prep University

This semester, the UC Merced School of Engineering will provide sponsorship opportunities for approximately 15-20 students (once per selected student during their academic career) to enroll in the Kaplan Fundamentals of Engineering Preparation Program.

- Fall 2022 Student Interest Form Survey will open on Monday October 17th | Results estimated to be available mid-November.
- Before completing the form, check out the FAQs and additional details on the FE Exam.
- Instructions for Student Activation and Enrollment will be provided via email upon approval of application.
- Link to the Interest Survey Form: https://forms.office.com/r/HDYsBVz2a2

Who needs a Professional Engineering (PE) license?

For some majors and career pathways having a Professional Engineering license is important--typically for Civil, Chemical, Electrical, Environmental, and Mechanical Engineering. It gives you the authority to "sign off "on design drawing and is a requirement for many government-related jobs. In these types of jobs, career advancement may be limited without a PE.

The Fundamentals of Engineering (FE) exam is designed for students who have completed at least three years or their undergraduate engineering degree from an ABET accredited program.

Passing the FE exam means you are qualified to apply for Engineering-I n-Training (EIT) certification by the state of California. To apply for EIT go to the California Board of Engineers, Land Surveyors, and Geologists website (https://www.bpelsg.ca.gov/applicants/eit\_lsitapp.shtml)

The FE exam is a computer-based exam administered year-round in testing windows at NCEES-approved Pearson VUE Test Centers (https://ncees.org/exams/test-center-locations/)

Note that there are **seven (7) different FE exam versions** for different majors, so you should check on the exam content and see which one looks best for you. You can find more information on the NCEES website (https://ncees.org/engineering/fe/).

The FE exam is a 1 10 multiple-choice test that is 6 hours long and includes the following:

- Nondisclosure agreement (2 minutes)
- Tutorial (8 minutes)
- Exam (5 hours and 20 minutes)
- Scheduled break (25 minutes)

There is a \$225 registration fee for the exam, so it is important to be well-prepared. The NCEES provides a free copy of the FE References Handbook, which is the only reference material that can be used during the exam. NCEES also offers computer-based practice exams. Learn more at the <a href="NCEES YouTube channel">NCEES YouTube channel</a> (https://www.youtube.com/watch?v=5YbpV48rNK4&list=PLiZ0hjHNi9jzR8RW69ndkjIgH8bzj0ew-).

Questions? Just ask any of your Engineering Professors!

#### UROC MIXER

November 9, 2022 3:00pm – 5:00pm Conference Center Ballroom



#### STUDY ABROAD IN ENGINEERING AND COMPUTER SCIENCE



#### UC MERCED CONTINUES TO BUILD A NATIONAL REPUTATION



UC Merced continues to build a national reputation for its academic distinction and research excellence.

For three consecutive years, UC Merced has been ranked in the top 100 national universities by <u>U.S.</u>

News & World Report. The 2023 list released this morning (Sept. 12) placed the campus at No. 97 overall among national universities, No. 42 for overall public universities and No. 15 in R2 universities.

UC Merced's undergraduate engineering program jumped eight spots in U.S. News' best undergraduate engineering program, ranking at No. 123. The School of Engineering counts on renowned faculty from all over the world who enhance each student's education by offering new perspectives on what is learned in the classroom and discovered in the lab.

#### UC MERCED EARNS A PLATINUM RATING

For the first time, UC Merced has been awarded a Platinum rating in recognition of its sustainability achievements under the Association for the Advancement of Sustainability in Higher Education (AASHE) Sustainability Tracking, Assessment & Rating System.

Platinum is the highest rating a higher education



institution can receive for its sustainability programs and actions. Currently, only 11 institutions throughout the nation have earned this rating. https://ucm.edu/BBjQml

#### UC MERCED CONTINUES TO MAKE HISTORY



UC Merced is ranked No. 8 for Industrial Application by the World's Universities with Real Impact (WURI). The category acknowledges the institution's integrated curriculum, including location-based assignments and civic engagements in its global rotation cities.

https://ucm.edu/ls8Cvd

#### FAFSA OPENS OCTOBER 1ST

#### **UC Merced Financial Aid - Start Here!**

The first step in obtaining financial aid is applying! The 2023-2024 Free Application for Federal Student Aid (FAFSA) and the California Dream Act Application



**(CADAA)** open on October 1st, 2022. For more information about applying, **click here**.

- March 2 is the California priority filling deadline to maximize your Aid package consideration
- June 1 is the UC Merced Document
   Deadline to maximize your Aid package consideration

# UC LEADERS SIGN JOINT RESOLUTION TO INCREASE STUDENT VOTER PARTICIPATION



UC leaders and the California Secretary of State signed a joint resolution today pledging to work together ahead of November's general election to boost civic engagement and facilitate voting by ensuring that UC has ballot drop boxes or voting centers on all 10 of its campuses.

# COALITION INCLUDING UC MERCED AWARDED \$65 MILLION IN BUILD BACK BETTER FUNDS



The White House announced today (Sept. 2) a \$65.1 million award — the largest federal grant ever awarded to the Central Valley — to the Fresno-Merced Future of Food Innovation (F3)

Coalition as part of its "Build Back Better" initiative to boost economic recovery after the pandemic. The funding will help launch a state-of-the-art agricultural technology hub that will serve and connect farmers across the San Joaquin Valley to industry and spark a new, more advanced era in agriculture-based technology in an effort to boost productivity, create jobs and build capacity for regional sustainability.

#### RESEARCHERS TAKE NEW APPROACH TO QUANTIFY WATER USE



Like many other researchers, environmental engineering **professors Erin Hestir** and **Joshua Viers** are trying to quantify water use in California's Central Valley.

The difference is, they are doing it from the sky.

# STUDY SHOWS HOW RESTORING CALIFORNIA'S OVERSTOCKED FORESTS YIELDS MULTIPLE AND DIVERSE BENEFITS



Mechanical thinning of overstocked forests prescribed burning and managed wildfire now being carried out to enhance fire protection of California's forests provide many benefits, or ecosystem services, that people depend on.

### UNDERGRAD STEM CELL TRAINING POSITIONS STUDENTS FOR CAREERS AFTER GRADUATION



Rising juniors this fall will have an unprecedented opportunity for stem cell research training that could lead directly to careers in stem cell science after graduation. School of Engineering Professor Kara McCloskey and School of Natural Sciences...

Undergrad Stem Cell Training Positions Students For Careers After Graduation | Newsroom (ucmerced.edu)

# DOD GRANT HELPS UPGRADE SPECIAL REFRIGERATORS FOR QUANTUM PHYSICS RESEARCH



Researchers and students in the departments of Physics, Mechanical Engineering, and Materials Science and Engineering working on quantum physics will have upgraded equipment soon, thanks to a grant from the U.S. Department of Defense (DoD). https://ucm.edu/3IkVxE

NSF SUPPORTS RESEARCH INTO ASSISTIVE TECHNOLOGIES

?

Whether it's how we move, hear, touch or think – NSF supports research into assistive technologies to improve the lives of countless individuals around the world who rely on rehabilitative devices.

Technologies being studied at research universities include a custom exoskeleton to mimic the changing properties of the knee, a tool to convey the sense of touch, a soft robot to improve the safety and accuracy of cochlear implants, wearable tech that can reanimate paralyzed arms, and engineered neural networks that could improve brain function after a stroke.

To learn more about these innovations, visit https://bit.ly/3Mo09dx.

(r.) Dan Newman, Department of Robotics, University of Michigan; (top l.) J. Kim and I. Cho, Iowa State University; (bottom l.) Darren Lipomi, University of California, San Diego

#### JOIN US FOR CYBER SECURITY AWARENESS MONTH 2022!

The Offices of Information Technology and Information Security are excited to bring you a full slate of activities and learning opportunities for Cyber Security Awareness Month (CSAM) 2022!

The theme of this year's CSAM is "See Yourself in Cyber." Whether you're a first-year Sociology major, a Bioengineering grad student, a campus custodian, a CSE faculty member, a staffer in the Library, or anyone else on the UC Merced campus: YOU are one of the most important members of the cybersecurity team that keeps your data and identity secure online.

All during October, OIT and the Information Security Office will be hosting events and sharing information via Connect to help educate the UC Merced campus about important cybersecurity topics. Along the way, you can take quizzes, watch short videos, and enter to win some great prizes! All of this is designed to help you #BeCyberSmart during Cyber Security Awareness Month 2022 and beyond.

#### IT'S ALL IN INSIDE UC MERCED!

What do Michelle Obama, Carol Tomlinson-Keasey and Arnold Schwarzenegger have in common? They all appear in a daily diary kept by longtime UC Merced librarian Donald Barclay. The Welcome Edition of Inside UC Merced shares the memories of a founding staffer who helped build a cutting-edge research university in the Central Valley. The digital magazine also rounds up the latest in university research and community service, and looks back on a memorable Scholars Bridge Crossing.

https://uc-merced.foleon.com/public-relations/inside-uc-merced-vol-iv-no-3/

# LIVE IN THE VALLEY? YOU MAY QUALIFY FOR A FREE AIR FILTRATION DEVICE

Air pollution generated from wildfires is enormous and can well exceed the total industrial and mobile source emissions in the San Joaquin Valley, overwhelming all control measures and resulting in periods of poor air quality that can cause significant impacts to public health. In a well-sealed indoor environment (e.g., windows and doors closed and sealed tightly), HEPA air filtration devices can reduce particulate matter indoors by more than 90 percent.

To help mitigate the harmful health effects of wildfire smoke on Valley residents, and in particular the District's most vulnerable populations, the District has developed the Clean Air Rooms pilot program to provide residential air filtration units FREE to residents in Valley disadvantaged communities. Click the button below to learn more and see if you qualify. https://ww2.valleyair.org/grants/clean-air-room-pilot-program/

#### UC MERCED STUDY ABROAD



#### How to Apply

There isn't necessarily a correct order to apply for study abroad but here is a suggested step-by-step guide. You are highly advised to plan at least a year in advance. Please work closely with your EAP and Academic Advising teams for assistance. The process to study abroad will depend on when you start exploring Study Abroad, what term you want to go abroad, and your academic goals and program expectations.

Please visit the Study Abroad website to review a suggested guide to prioritize the steps to study

abroad.

### REMINDERS

#### BE SURE TO CHECK YOUR UCM EMAILS

Do Your Part https://fal.cn/3lqrP https://fal.cn/3j8f5

#### DON'T BE BAITED BY A PHISHING SCAM



Phishing is the No. 1 threat delivery and communication vehicle in the world today, allowing cybercriminals to exploit system vulnerabilities to gain access to sensitive data, personally identifiable information (PII), and other valuable information.

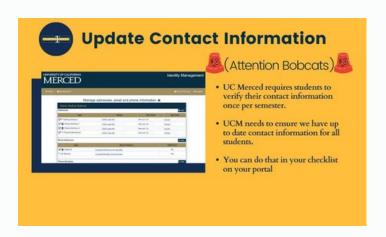
In phishing, cyber-criminals have a perfect attack and delivery tool: a digital medium used by almost anyone in today's connected world to conduct all types of real-time business that can carry any type of content, links, and attachments. It is anonymous, has an incredibly marginal cost to use, and is one of the most common services offered by the service providers.

Simply put: If you have an email address, you are a target. So you must be prepared <a href="https://it.ucmerced.edu/security-campaigns">https://it.ucmerced.edu/security-campaigns</a>

BOBCATS, MAKE SURE YOU

BE A BOBCAT!

# HAVE UPDATED YOUR CONTACT INFORMATION! YOU CAN DO SO BY GOING ON YOUR PORTAL!





#### **Update Your Address**

Please make sure we have your current address on file using this link.

The link is also available in your portal under MyPersonalInfo.

MY PERSONAL INFO



#### **MyBill**

Pay your account balance for Fall 2022, or prior term. Any unpaid balance may result in a hold that will prevent Spring 2023 registration.

Contact the Students First Center if you need any more assistance!

MYBILL TUTORIAL





# 2022 IEEE VEHICLE POWER AND PROPULSION CONFERENCE AT OUR NEW UC MERCED CONFERENCE CENTER

The University of California Merced School of Engineering is proud to partner with the Institute of Electrical and Electronics Engineers to host the [http://Event Site: https://events.vtsociety.org/vppc2022/]2022 IEEE Vehicle Power and Propulsion Conference at our new UC Merced Conference Center this coming November 1 - 4, 2022 (Tuesday through Friday)

We are expecting to receive 100 to 150 people and we need volunteers to help us with the technical sessions and social events. In return, you will receive some gifts, lunch/dinner and be able to attend the technical talks.

In preparation for our upcoming conference Tuesday November 1 through Friday November 4, 2022, we are looking for students to commit to half-day or full-day shifts (on multiple days if your schedule permits) to help support this event (i.e. registration/helpdesk, room monitors, ushers, ticket administration, other duties as needed)

If you have interest in serving as volunteer, please sign up here: https://forms.office.com/r/4e2JtUhjTT

Your Response is Requested by Friday September 30, 2022.

RESENTS RESUME & COVER LETTER WORKSHOPS

**POWERED BY** 



Hi UCM students! CalTeach will be hosting a resume and cover letter workshop on October 24th 2-3pm in the CalTeach Learning Lab (SRE 201). Come and learn all about how to build a resume and cover letter if you do not have one already and if you do bring it and we can help you improve it! Just a reminder to students applying to a credential program, an updated resume and cover letter are required in the application. This will be a great opportunity for you to perfect your resume and cover letter. We hope to see you there!

# UCSB SEA TURTLE FIELD COURSE AND EXPEDITION 2 WEEK PROGRAM | COSTA RICA | SUMMER 2023

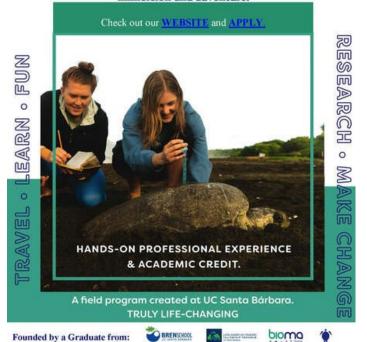
Created by a graduate from UC Santa Bárbara - Bren School of Environmental Science & Management, BIOMA has provided to over one thousand university students worldwide with a two-week academic & high quality sea turtle experiential learning and hands-on research experience. Our participants collaborate side by side with experts to learn about sea turtle biology, ecology and management while doing impactful on-site conservation work and living in a local community.

Student teams (about 14 like-minded students per

#### UCSB Sea Turtle Field Course & Expedition Group

Costa Rica | Summer 2023 | 2 Week Program

Merging science, new skills, professional development, community immersion and adventure!



group), will build skills of real world application, boost their resume and knowledge while discovering incredible landscapes at Costa Rica's Pacific sunshine coast.

Join us at **BIOMA** and **APPLY** to not only learn about sea turtles and science. **It's about connecting people and creating an unbreakable bond between science and humanities. Program Highlights:** 

- Affordable, university student tailored, two-week hands-on research and conservation program with endangered sea turtles and experts in the field.
- Some students can gain academic credit (4 units) through internship or independent studies (depending on the University).
- Travel to one of the most bio-diverse, safest and happiest countries in the world, Costa Rica.
- Become part of a wonderful local coastal community.
- Make friends and build connections with other like-minded students

- Boost your resume with an official Certificate from the Costa Rica Ministry of Environment.
- Apply what you learned in class into the field and connect with people & nature.
- Over 15 years of experience and more than one thousand students.

Come Join us! "Limited spaces available".

#### GLOBAL LOUNGE



Hey Bobcats! Our third and final Fall Global Lounge Event will be occurring on November 16, 2022 at COB2 290 from 2-4 PM. Come enjoy a cup of coffee while sharing your international experience! If you have none, that's fine too. Come speak with OIA staff about any study abroad programs you may be interested in. The Global lounge will be happening once a month so don't miss out!

#ucmerced #studyabroad #global #lounge

#### **OPEN HOUSE WEEK**

Thank you, Engineering Students and Faculty, for making our Open House Events a Success!





#### STUDY ABROAD FAIR!!



# THESE EVENTS COUNT TOWARDS THE 22-23 SOE JUMP START YOUR THIRD YEAR CAREER REQUIREMENT.







### CCBM-CREST AY 2022-23 UG RESEARCH FELLOWSHIP PROGRAM

#### **Program Description**

The NSF-CREST Center for Cellular and Biomolecular Machines (CCBM) offers a research fellowship to UC Merced undergraduate students across STEM disciplines during the academic year.

CREST Fellows | Center for Cellular and Biomolecular Machines (ucmerced.edu)

#### PERRY VIRTUAL EXPERIENCE 2022



The Perry Virtual Experience is a free, 2.5-hour, interactive online experience for high school and college-aged students who gender-identify as female or nonbinary and are interested in pursuing careers in orthopaedic surgery and engineering. Participants will hear from women leaders in these fields and dive into online orthopaedic simulations and biomechanics experiments. Additional information can be found on our

website: https://perryinitiative.org/pve/

Women in high school and college who have an interest in science, medicine and/or engineering are now invited to register for a session of the Perry Virtual Experience. We would appreciate it if you could pass along this information to any educators or students you may know. Students should be directed to fill out the online registration for one session that best fits their schedule. Most sessions are available to participants in any location, but some sessions are for a focused geographic area. Dates and details for each session can be found at https://perryinitiative.org/calendar/

Please feel free to contact me directly with any questions you may have. Again, we sincerely appreciate your help in spreading the word about the Perry Virtual Experience

### THE INSTITUTE FOR BROADENING PARTICIPATION (IBP)

Undergraduate scholarships and tips on applying

UNDERGRAD

Graduate fellowships and tips on applying

GRAD

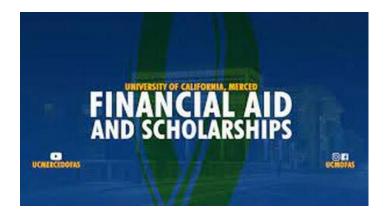
TUTORIAL

Video tutorial on how to use our advanced search page

If you have questions, Liv Detrick would be happy to help. Please email her at ldetrick@ibparticipation.org

#### **SCHOLARSHIPS**

UNIGO SCHOLARSHIPS



UC MERCED EXTERNAL SCHOLARSHIPS

UCMERCED FINANCIAL AID





UCMERCED FINANCIAL AID VIDEOS



UCMERCED FINANCIAL AID FAQS









As your Career Specialist, I am dedicated to supporting you in your journey toward achieving your career goals. While new to the University of California, Merced community, I have had the privilege of helping students and graduates find success in their professional preparation and career endeavors for over 20 years. As I look at the start of the new academic year, I am excited about the opportunity to provide coaching and guidance on how you can use your knowledge and unique talents to make a difference in your chosen field. I am available on a drop-in and appointment basis for Career Conversations on topics such as:

- . Connecting your Academic Major to Career Options
- · Preparing for a Job or Internship Interview
- · Writing an Effective Resume and Cover Letter
- · Considering Graduate School
- · Searching for Jobs and Internships
- · Discovering Your Strengths, Interests and Values

I hope to see you at many of the Engineering and Technical Career events scheduled on campus during the Fall semester including Employer Information Sessions, Career Meet Ups Workshops and On-Campus Interviews.Be sure to log into the UC Merced Handshake Career Management System to see which employers are coming to campus and when events, such as our Fall Career Fair and Engineering Networking-Readiness Mixers, are taking place. You will also be able to find Job and Internship listings on Handshake and receive emails from me about Career happenings and opportunities based on your interests and aspirations.

Wishing you Success in the coming Academic Year!



Sincerely, Elizabeth "Liz" Atilano Career Specialist, School of Engineering

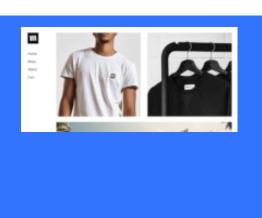


Liz Atilano, Director of Employer Connections and Internships

Location: Kolligian Library (KL), 184 Email: eatilano2@ucmerced.edu

ough Handshake at https://ucmerced.joinhandshake.com/

**POWERED BY** 



NTER

APPLY FOR AN ON-CAMPUS JOBS HERE

# ANNOUNCEMENTS & EVENTS



### WHAT IS STANDOUT?



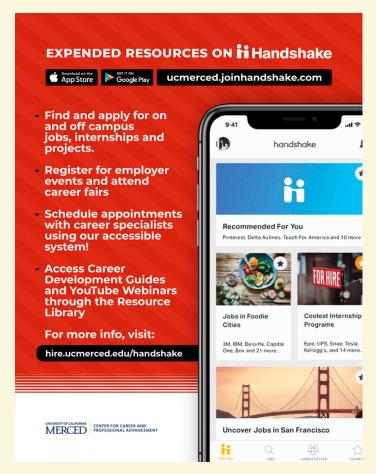
UC Merced is pleased to provide an innovative practice interview system to help students with their professional abilities. The Standout links on this page will take you to the UC Merced Standout page where you will be able to practice a number of different interviews based on your current career focus. This interactive feature will allow you to immediately practice your interview skills and further connect with a career specialist if needed.

VISIT STANDOUT TODAY

### SIGN UP FOR HANDSHAKE!



Please update your Handshake Profile to receive specific Internship opportunities





### Resources



UC MERCED SUCCESS ANYWHERE

DO YOUR PART

### **Basic Needs Resources**

Location: Terrace Center (TC) 106 Email: Basicneeds@ucmerced.edu

Phone: (209) 891-9781

Monday: 10:00 AM - 4:00 PM

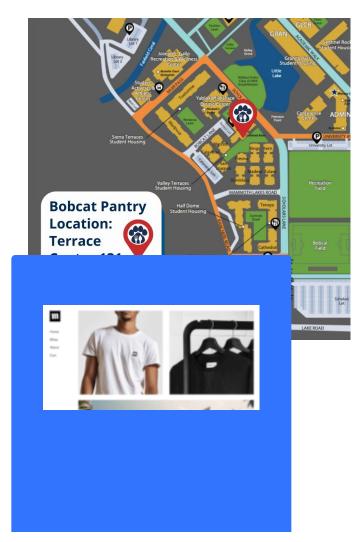
Tuesday to Thursday: 9:00 AM - 5:00 PM

Friday: 10:00 AM - 4:00 PM

\*Closed during campus holidays, spring break, and

winter curtailment. Please

**POWERED BY** 



email Basicneeds@ucmerced.edu for assistance during these periods.

Email: basicneeds@ucmerced.edu

#### **Services include:**

- Food Support Bobcat Pantry, USDA Food Distribution, People's Fridge, Pop-Up People's Pantry, Food Recovery Program, Other Food Resources
- CalFresh Outreach
- Financial Wellness
- Professional Clothing Closet
- Resources
- Donate



#### Financial Aid

Office of Financial Aid & Scholarships

Administration Building

5200 N. Lake Road

Merced, CA 95343

Phone: (209) 228-7178

UC Merced FAFSA School Code: **041271**The first step in obtaining financial aid is applying!
The **Free Application for Federal Student Aid**(**FAFSA**) and the **California Dream Act Application**(**CADAA**) open on October 1st and submission is due
BEFORE March 2 yearly, for student to renew their
Financial Aid for consideration. For more information about applying, **click here**.

CONTACT FINANCIAL AID

Want to know your estimated balance? Use the Direct Costs Worksheet to find out!

For more info: https://fal.cn/3eQSa



#### **Federal Student Aid**

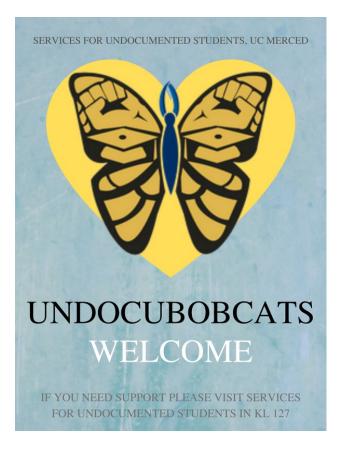
Turn your interests into a career that is the right fit for you!

Use our Career Search Tool to explore career paths.

#### Services for Undocumented Students

**Undocumented Students** 

Services for Undocumented Students will be offering virtual drop-in hours. Zoom drop-in hours are available for those with questions or concerns that relate to immigration status, financial aid, mental health resources, community resources. To schedule a meeting with one of our program coordinator click on the Calendly link. The meetings will be held in KL 127



or via zoom.

Phone: (209) 600-5316

Email: vordazgarcia@ucmerced.edu

Office Hours: Monday - Friday 8:00 AM -5:00 PM

UC Merced Kolligian Library, Room 127 5200 N. Lake Road Merced, CA 95343 Alternate Email: undoc@ucmerced.edu

SERVICES FOR UNDOCUMENTED STUDENTS



#### Office of Information Technology

UC Merced Office of Information Technology (OIT)

All Student Services

Main Location: Classroom & Office Building 1 (COB1) Room 127:Monday-Thursday: 8am to 5pm

Friday: 8am to 4pm

Kolligian Library (KL) 2nd floor - Fall Semester 2022:Monday: 8am to 11:30am, 3pm to 4pm Tuesday: 10am to 11:30am, 12:30pm to 4pm

Wednesday: 11am to 1pm Thursday: 11am to 4pm

Friday: 8am to 11:30am, 2pm to 3pm

\*\* Disclaimer: Days and times may change without



notice, please check frequently.

OIT FOR STUDENTS

SCHEDULE AN APPOINTMENT

OIT EVENTS



# Library

EVENTS CALENDAR BOOK DELIVERY

# Office of the Ombuds

The Office of the Ombuds is a safe confidential and informal place where UC Merced community members can go for informal assistance with managing conflict, complaints, and concerns with a colleague, classmate, supervisor or anyone else on campus. The Ombuds will listen; help identify options; make inquiries and make referrals as appropriate; and/or facilitate



resolutions in an impartial manner.

Use of our office is always voluntary. We operate and adhere to the ethical principles of **confidentiality**, **impartiality**, **informality and independence** and standard of practice under the International Ombuds Association (IOA). The Office of the Ombuds supplements and does not replace or substitute formal grievance processes made available by the University. To view our flowchart visit the Appointments page. Communications to the Ombuds do not put the University on notice of the content of the communication.

To schedule an appointment at either location please call **Main Phone** (209) 228-4410

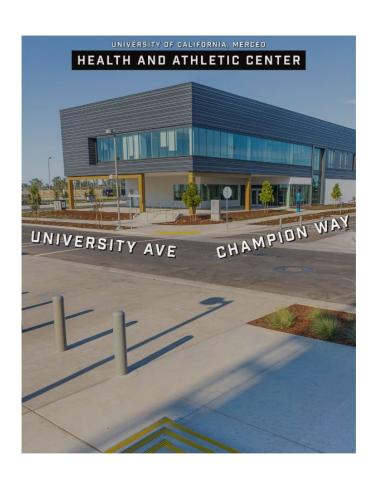
Walk-ins are always welcome! However, we strongly recommend scheduling an appointment to protect your privacy. Use of services provided by the Office of the Ombuds is voluntary and off the record. **About Email:** 

We do not use email for confidential communications because privacy cannot be assured.

Campus: Student Services Building - 213
Mailing Address
UC Merced
Office of the Ombuds
SSB- 213
5200 North Lake Rd.

Merced, CA 95343





### Health Center

#### Health Center

H. Rajender Reddy Health Center University of California, Merced 5200 North Lake Road Merced, CA 95343

**Phone:** (209)228-2273 | **Fax:** (209)500-6334

Student Health Services offices are located on the second floor of the Health and Athletics Center.

The Health Center is open from 8 a.m. to 4:30 p.m. Monday through Friday except on university holidays and weekends. The first scheduled appointment is at 8:20 a.m. and the last appointment is at 4 p.m.



### CAPS

#### **Counseling and Psychological Services**

Supports the mental health and well-being of our students.

University of California, Merced 5200 North Lake Road Merced, CA 95343





Phone: (209)228-4266 | Fax: (209)228-2270 | E-mail: counseling@ucmerced.edu Never E-Mail Private Health Information

After-Hours Crisis Line: (209)228-4266, option 1 CAPS office is now located in the New Wellness Center at the end of Bellevue Rd., next to Parking Lot 2.

Counseling Services - All currently registered undergraduate and graduate students at the University of California, Merced are eligible to utilize on-campus counseling services free of charge. The service you receive is based upon a determination of your therapeutic goals and Counseling Services resources. If Counseling & Psychological Services is unable to meet your therapeutic needs, referral resources will be identified for you.

Psychiatric Services - Psychiatric services are provided to registered students at UC Merced through tele-psychiatry and on site psychiatry. These services are arranged through the primary care providers in the Student Health Center. Please speak with your primary care provider or CAPS psychology provider if you need a referral for psychiatric services.

Groups:For more information, please follow this link to CAPS Website!

- Anxiety Toolbox Group
- Women's Trauma Group
- AA/ Black Scholars Group
- LGBTQ+ Center
- Coping with Grief & Loss Group
- AAPI Safe Space & Support Group
- Managing Myself & My Emotions Group
- International Graduate Support Group
- Graduate Support Group
- Peer Recovery Support Group
- Latinx Support Group
- Men's Trauma Support Group

Call (209)228-4266 for more information about these groups. If groups fill up, we will strive to add more groups to meet the need.



#### NEW LIBRARY TOUR

The new self-guided Library Tour introduces students to library spaces and services in a fun and interactive way. Students receive a cardboard cutout of Rufus at the Library Services Desk and explore the building, taking photos of Rufus and answering questions along the way. Participants receive a certificate of completion, making it easy to assign the tour for class credit. We also will have one more drawing for prizes this semester. For more information, email Elizabeth McMunn-Tetangco at emcmunn@ucmerced.edu or library@ucmerced.edu.

#### OFFICE OF THE REGISTRAR FORMS

https://registrar.ucmerced.edu/forms

\*\*\* Electronic Forms - Use the following supported browsers for best results:



#### **Browser** -Version

Google Chrome - 57 and newer

Microsoft Edge - EdgeHTML 14 and newer

Mozilla Firefox - 52 and newer

Mozilla Firefox ESR - 52

Microsoft Internet Explorer - 11

Apple Safari - 9.1.x, 10.0.x, 10.1.x, 11.0.x, 11.1.x



#### Students First Center

From admissions to graduation, the Students First Center provides high-quality guidance to UC Merced students, campus constituents and the public. Answering questions about Admission, Financial Aid, Registration, and more.

**Phone:** 209-228-7178

Email: studentsfirst@ucmerced.edu

In Person Check In

**Address:** 5200 North Lake Road Administration Building RM 100,

Merced, CA 95343

Hours:

Mon – Thurs - 8:30am - 4:30pm

Fri - 8:30am - 3pm

FINAL GRADES & TRANSCRIPT

STUDENT FIRST CENTER



# Engineering Study Abroad Resource Center

Study Abroad Resource Center Office of International Affairs Kolligian Library, 101

#### **Contact & hours**

Engineering Advisors' Office UC Merced Study Abroad page Study Abroad Drop-In Hours

**Education Abroad Program** visit the **UCEAP** website

**Engineering course articulation** 

START HERE



# UCEAP Forges Ahead

UCEAP's viewbook has gone digital! See videos and animated graphics that will help you plan your study abroad adventure when you, and the world, are ready. New features let you:

- Take a virtual world tour
- Find programs by personality
- See an example cost calculator
- Read student stories

EXPLORE THE VIEWBOOK



### STEM Resource Center

UC Merced tutoring and learning support services have been reorganized to help make our offerings more transparent and accessible to students and to better align with academic learning support needs. You can now find support through the STEM Tutoring Hub for many lower division Math, Chemistry, Biology and Computer Science courses. You can access one-on-one writing consultations through the University Writing Center. All learning support services are provided free of charge! Please follow the link to a flyer with information about learning support services or visit https://success.ucmerced.edu/tutoring.

#### STEM Tutoring Hub

The STEM Tutoring Hub is a collaborative initiative of UC Merced's Division of Undergraduate Education and the STEM Center. It is designed to serve the diverse UC Merced undergraduate population by providing continuous and comprehensive educational support.

More information about the STEM Tutoring Hub and how to become a peer-tutor can be found on this **STEM Tutoring Hub subpage.** 

Interested to become a peer-tutor? Apply here.Study
Group SessionsVisit UC Merced Success
Anywhere for information on additional UC Merced
peer learning resources.Physical Space/LocationThe
STEM Tutoring Hub provides help on disciplinespecific manner, with each discipline located in a
different room.

Mathematics - SSB 320 - The Math Center
Chemistry - SSB 330 - Chem Center
Biology - SSB 340 - Tutoring Room
CSE - SSB 340 - Tutoring Room
Physics - SSB 340 - Tutoring Room
Usage of the Space

- Respect yourself and others in the room –
   keep volumes to a minimum; use headphones
- Check-In using your CatCard or student ID every time you enter the room.
- Be courteous to your peers clean your work area before leaving the room
- Respect textbooks and room equipment Do
   Not take these out of the room at any time.
- Do not leave your belongings unattended there is no constant supervision in the room.



# Social Justice Initiatives & Identity Programs

Office of Social Justice Initiative & Identity Programs (SJIIP)

The Office of Social Justice Initiative & Identity Programs (SJIIP) charge is for every UC Merced scholar to thrive in our multicultural global society. The Office of SJI&IP aims to enhance the retention of our historically-underserved scholars and to foster an inclusive campus environment for all by providing opportunities for holistic development, intersectional community building, and student agency.

LocationKolligian Library 167 5200 N, Lake Road Merced, CA 95340

socialjustice@ucmerced.edu

SOCIAL JUSTICE INITIATIVES & IDENTITY PROGRAMS



### Virtual Campus Tour

The best way to explore UC Merced is to visit the campus and see for yourself what it has to offer. The campus offers several tour options.

An in-person visit is the best way to experience UC Merced and get a firsthand view of its classrooms, facilities and grounds.

For those who cannot make the trip, an online virtual **walking tour** is available so you can see 360-degree views of residence halls and dining center accommodations, study areas in Kolligian Library, classrooms, laboratories and a host of other places and sights.

When you are ready to plan an in-person visit, UC Merced's Welcome Center offers tours for students and their families. These 60-minute walking tours, available by registering in advance, are led by student tour guides and accommodate no more than 20 people per tour guide so you get an intimate and memorable experience.

UC Merced also offers group tours for schools, community colleges and community-based organizations. People interested in arranging a group tour should fill out this **group tour request form**.

CAMPUS TOUR

### 2-Factor Authentication



Do you 2FA the right way? Check out our <u>2FA</u>
Best Practices page for more information!



# Calm App is Free for UC Merced

Individual and community well-being is essential as we work our way through the COVID-19 pandemic and its significant impact on our professional and personal lives.

We invite you to explore the Calm features as a resource to practice mindfulness to reduce anxiety and stress, improve sleep and focus, and enhance academic and workplace productivity and performance.

GETTING STARTED



# Code Hosting Platform

GitHub is a code hosting platform for version control and collaboration. It lets you and others work together on projects from anywhere. You'll create your own Hello Work repository and learn GitHub's Pull Request workflow, a popular way to create and review code.

GITHUB



#### UCM Alert

**Emergency Preparedness** 

Emergency Status Line: 866-993-0969

UC Merced Alerts are UC Merced's emergency notification system that sends messages to students, staff and faculty personal cell phones and/or email addresses.

To sign up for UCM Alert to receive urgent emergency information as a parent or guardian, click on this link and follow the steps



# UCM: Social Media Platforms

This Webpage is created to encourage you to use social media as a way to connect with UC Merced resources. All students, alumni, faculty, staff, and prospective UC Merced members are welcome to network and to view our resources as well as information addressed to our university community.

SOCIAL MEDIA ACCOUNTS

# Marketing Department

Now you can show your Bobcat Pride in your internal and



external Zoom meetings by downloading one of these snazzy Top 100 virtual backgrounds.

VIRTUAL BACKGROUNDS



At UC Merced, we believe that the students are co-creators of their university experience.

Getting involved at UC Merced is a great way to connect with others, grow personally, and gain skills that will help you in your future career.

# Engineering Professional Organization



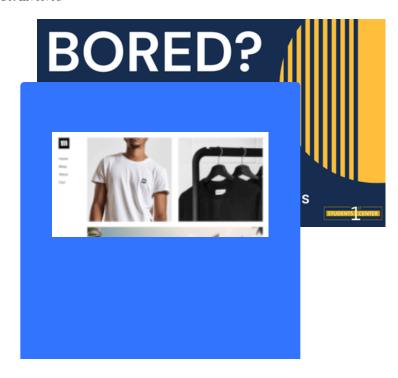
What is an engineering professional organization? Student engineering professional organizations are more than clubs. These organizations aim to further the profession of engineering and the interests of individuals engaged in that field.

VANGUARD ENGINEERING

# UC MERCED OFFICE OF STUDENT INVOLVEMENT

The Office of Involvement will be hosting some fun virtual events and contest throughout the

**POWERED BY** 



semester!!! Make sure to join us and your fellow bobcats. Look out for our event flyers and updates on our Instagram @ucmercedosi and our Office of Student Involvement Facebook page. Let's make the best of the situation
BOBCATS! #BobcatProud

Check out the most recent updates in regard to planning events for registered clubs and organizations. Make sure to contact us and come to our office at **Granite 163** if you any questions. Stay safe and healthy Bobcats

Scan the QR code to see events brought to you by the Office of Student Involvement. Get out and enjoy the sun... stay safe and wear a mask while on campus



# Undergraduate Research Opportunities Center

UROC Mission: Fostering access to facultymentored research opportunities for undergraduate students from all academic disciplines with structured support and training to prepare for graduate studies and future careers.

LEARN MORE



# Clubs and Organizations

CLUBS AND ORGANIZATIONS

12 REASONS TO GET INVOLVED



# Greek Life

SOCIAL FRATERNITIES

SOCIAL SORORITIES

PROFESSIONAL FRATERNITIES



### **Debate Society**

Join the very first Dedicated Debate Team at UC Merced!



JOIN THE DEBATE TEAM
Download File



### Q Project at UC Merced

The Q Project is an interdisciplinary homegrown organization at UC Merced. Our goal is to create an inclusive diverse space for education and personal advancement for all students no matter their major, sexual orientation, gender, origin, race, or socioeconomic status. We have divisions focusing on cyber security, networks, team management, streaming, student advocacy, and more.

Q PROJECT YOUTUBE CHANNEL



# ASSOCIATION FOR COMPUTING MACHINERY

ACM is the world's largest educational and scientific computing society, delivers resources that advance computing as a science and a profession. We're just your friendly neighborhood student chapter at UC Merced.

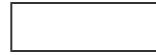
ACM

FACEBOOK GROUP

#### THETA TAU

THETA TAU







### **HACK MERCED**

HACK MERCED

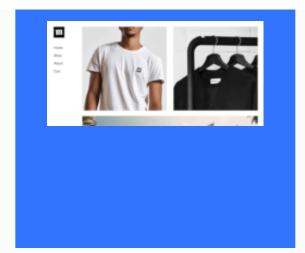


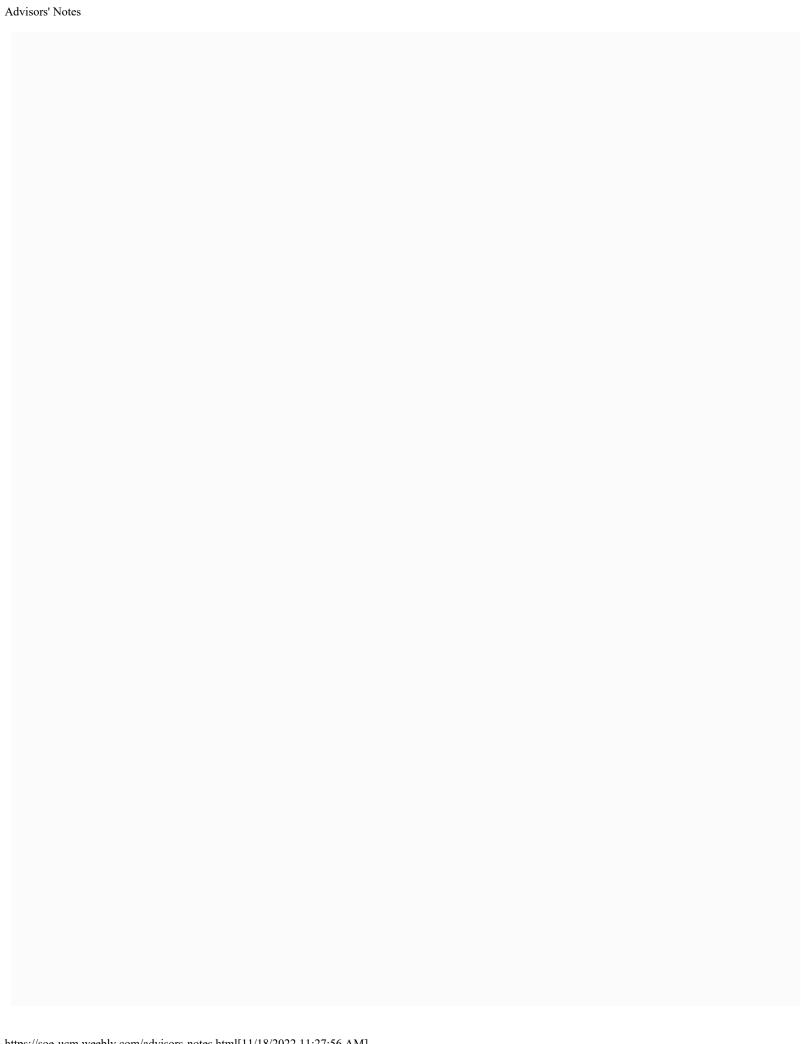
# Advisors' Notes

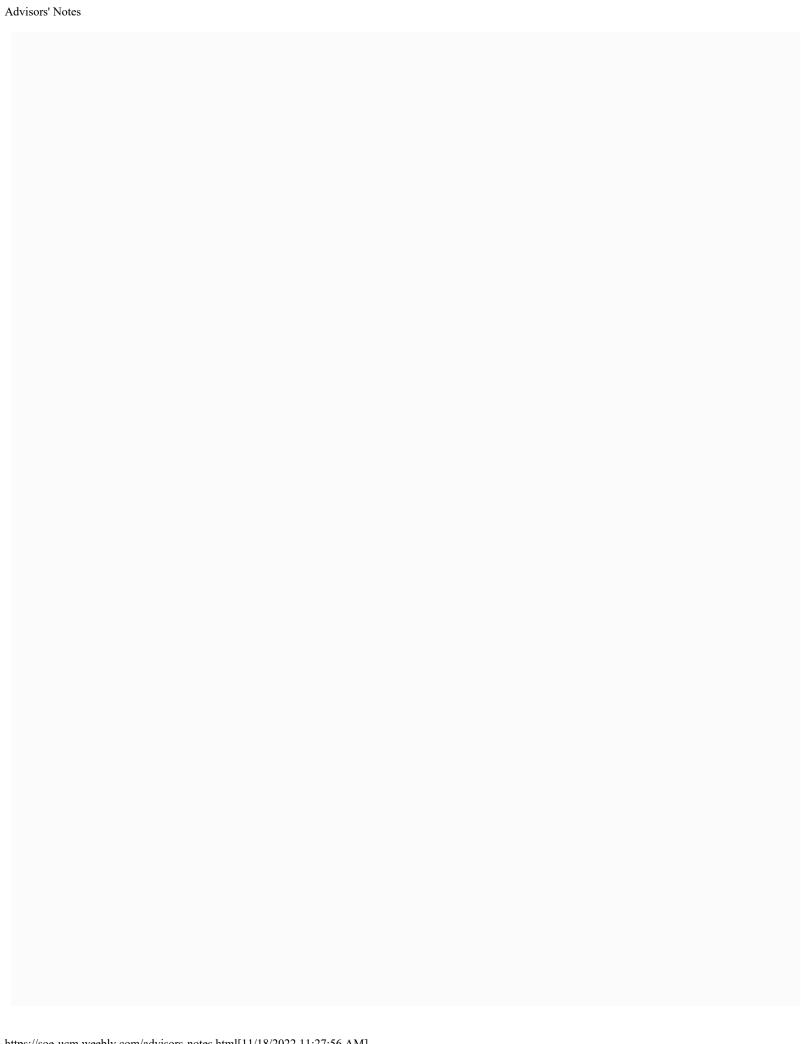


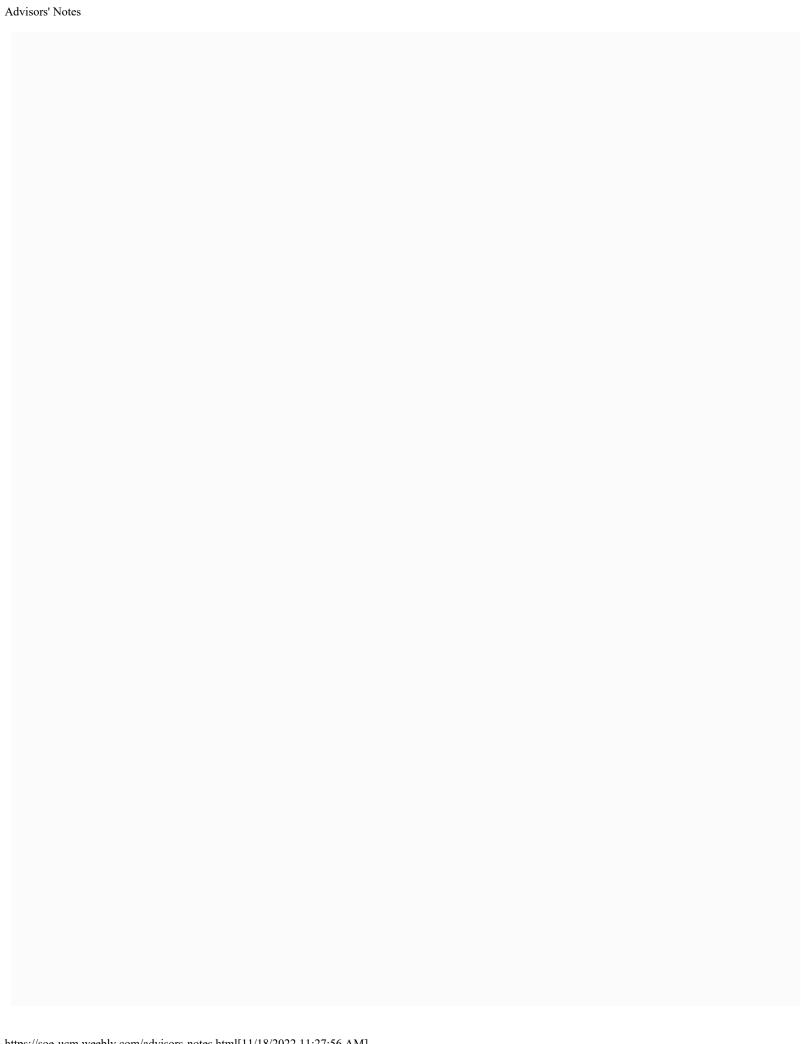
You may visit our School of Engineering Website for Academic Advisors Zoom Walk-In and Appointment Schedules

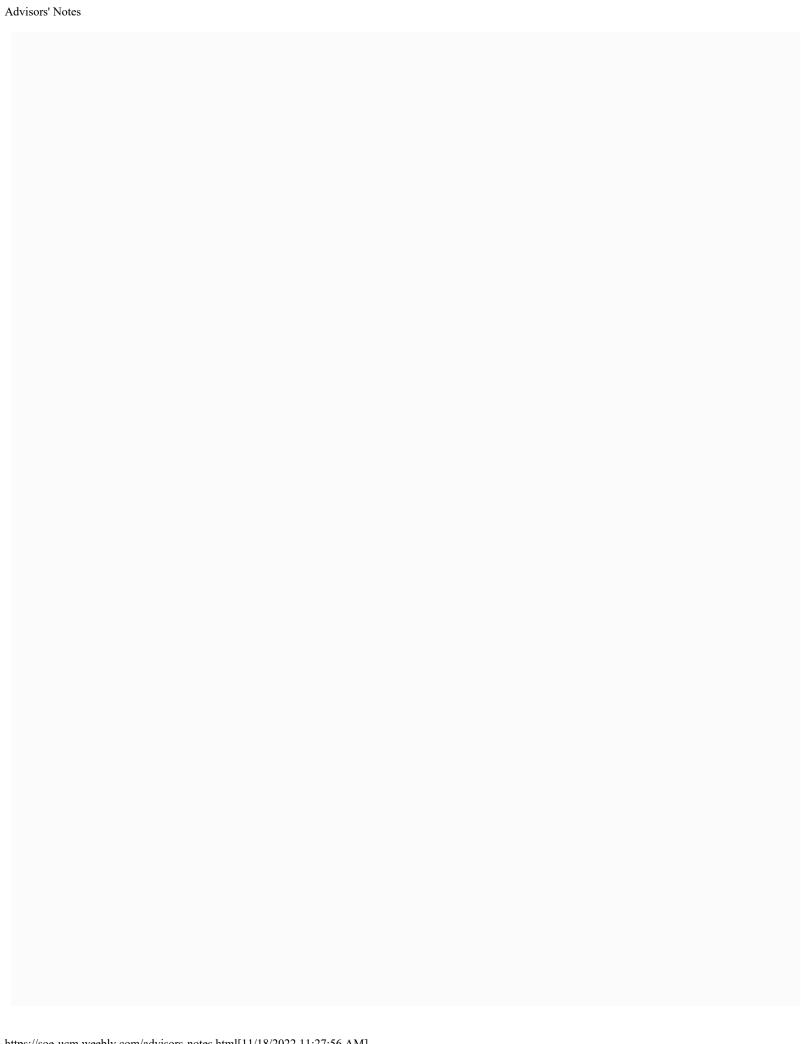
http://engr-advising.ucmerced.edu/see-my-advisor

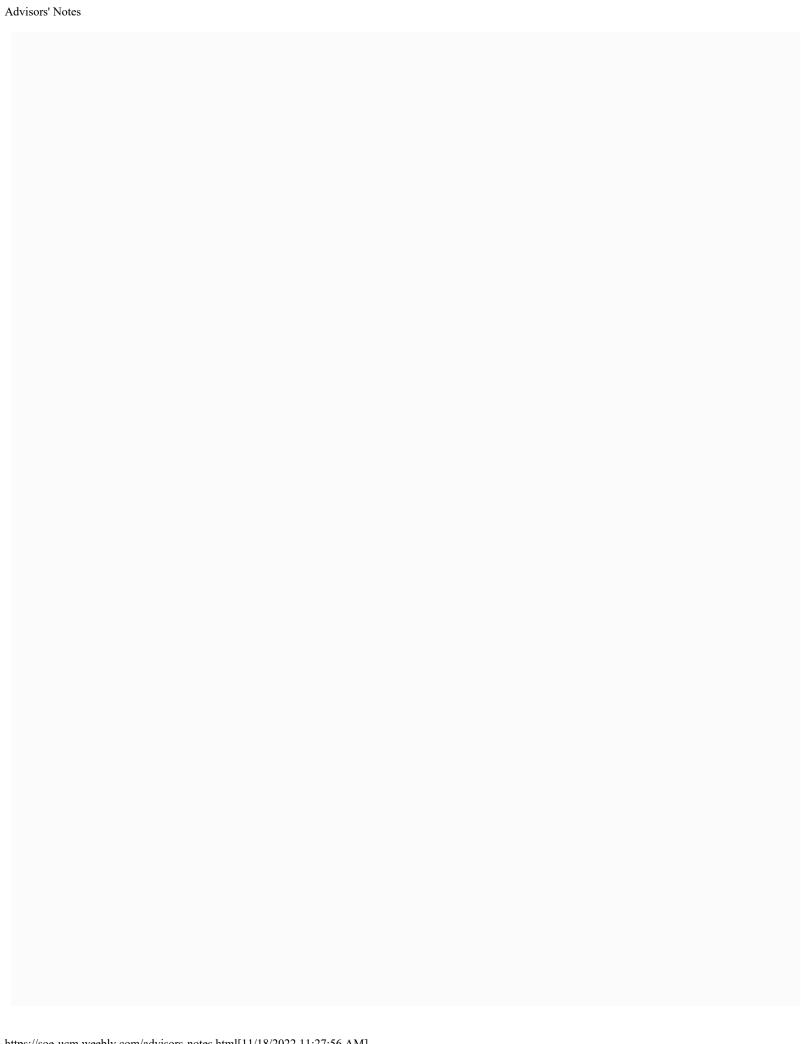


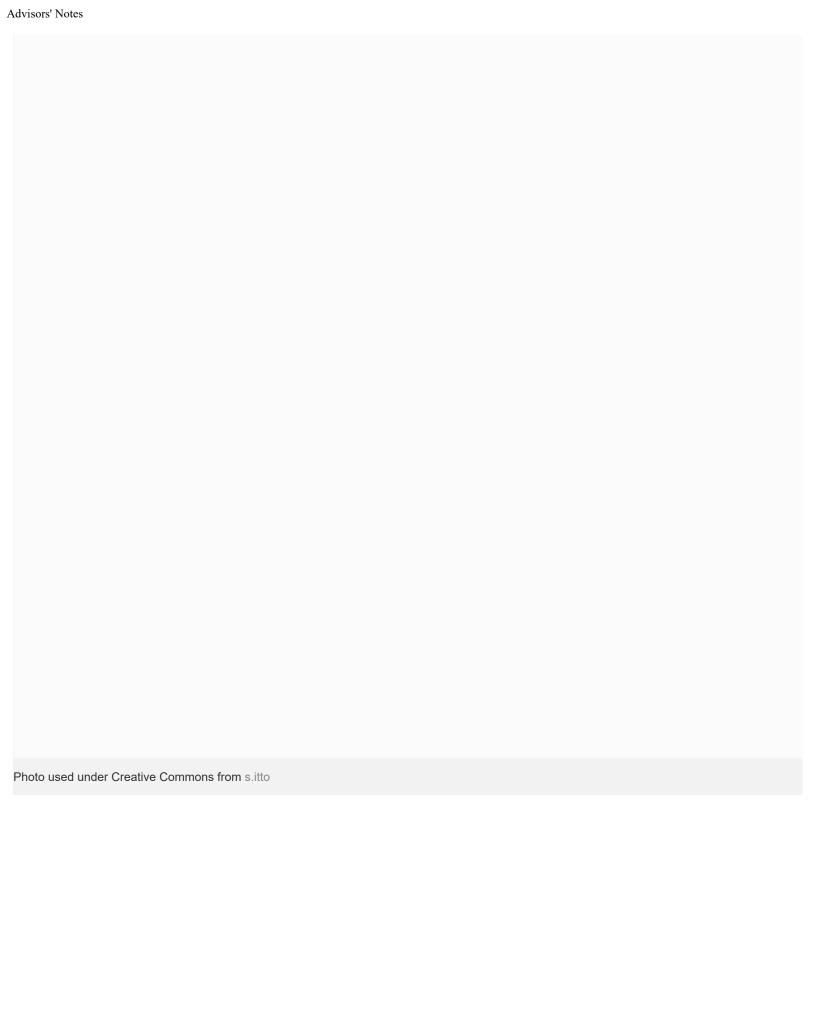
















# UNIVERSITY OF CALIFORNIA, MERCED



Confidential

Informal

**Impartial** 

Independent

A safe space to talk for any member of the UC Merced community with a university-related concern

TO SCHEDULE AN APPOINTMENT



Call 209-228-4410

TO EXPLORE OUR PROFESSIONAL DEVELOPMENT OPPORUTUNITIES AND OMBUDS SERVICES





# UC MERCED Organizational Ombuds

**Trusted Navigators** leading the way to just, engaged, and inclusive organizations

# WHAT'S AN OMBUDS?

- A person who helps YOU resolve conflicts/concerns
- Assists in exploring and determining options
- Brings systemic concerns to the organization's attention for resolution

# WHO DO WE SERVE?

- Students
- Postdoctoral Scholars & Researchers
- Staff
- Faculty
- · Parents of UC Merced students
- Members of the public with a university-related concern

# **OMBUDS ARE**

# HOW DO WE HELP?

Listen & Understand Issues From Your

# HELPFUL BECAUSE WE...

- · Are Confidential
- Stay Impartial
- · Work Informally
- Are Independent
- · Follow Standards of Practice

# OMBUDS DO NOT

- Create or Maintain
   Records/Reports For The
   Organizations
- Receive Notice For The Organization
- Serve In Roles That Compromise Impartiality
- Make Binding Decisions/Mandate Policies
- Participate In Formal Investigations

#### Perspective

- Reframe Issues & Help You Evaluate Options
- Coach You To Deal Directly With Other Parties
- Refer You To Appropriate Resolution Channels
- Facilitate/Mediate Informal Resolution Processes
- Identify New Issues/Opportunities For Systemic Change

# COMMON CONCERNS WE HEAR

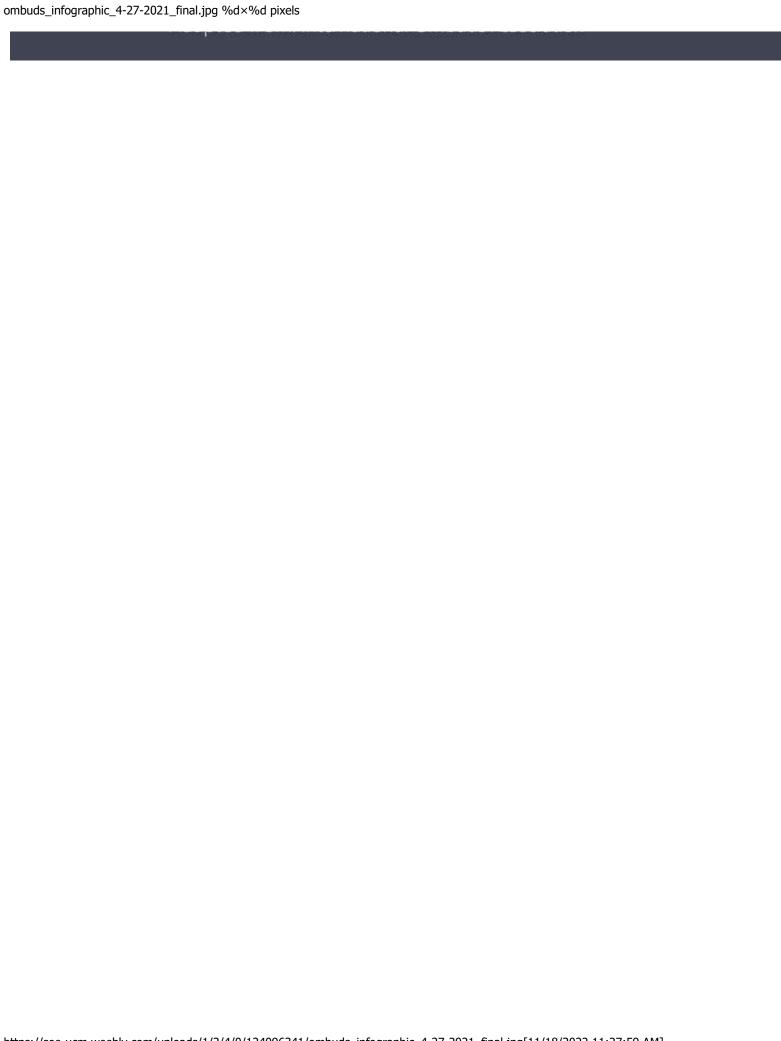
- · Grade Disputes
- · Interpersonal Difficulties
- · Performance Feedback
- · Abusive Conduct/Bullying/Mobbing
- · Clarification of Policies/Procedures
- · Student & Faculty Relationships
- · Pandemic Issues/Concerns
- · Harassment/Discrimination
- Respect/Treatment

# **HOW TO CONTACT US?**

Callale Concon, University Ombudsperson Chanelle Reese, Assistant Ombudsperson

> Call for an appointment Phone: (209) 228-4410 ombuds.ucmerced.edu

Adapted from: International Ombuds Association



Hello I am Payton Fong,

I recently established the **Debate Society at U** 

I recently established the **Debate Society at UC Merced**. I'm very passionate about debate, and I want to get more people who are interested to join! The Debate Society is the first dedicated debate team for UC Merced, we hope to compete in parliamentary debate on the state and national circuit.

Our first meeting will be on *October 17th at 7:00 pm* in *Kolligian Library 360*. Snacks will be provided!

This is a fantastic opportunity to gain more experience in research, case-building, and public speaking. This is also an amazing activity to put on your resume!

If you have any questions, please email us at **DebateSocietyUCM@gmail.com** or give us a call at (650) 823 - 7627. President, Payton Fong, can be reached at **pfong2@ucmerced.edu**. Hope to see you there!