

PHYSICAL SCIENCES QUARTERLY

FALL 2016 EDITION

ANNOUNCEMENTS/ UPCOMING EVENTS:

- Come check out our page on Facebook for school updates and other important information. Look us up under UCI Physical Sciences <http://www.facebook.com/UCI.PhysSci>
- You can enroll in a maximum of 18 units when your window opens. This is increased to 20 units during Open Enroll-

facebook

IMPORTANT FALL QUARTER DATES:

Sept 22 - Instruction begins

Oct 7 - Deadline to add/drop a class without dean's approval using WebReg (5pm)

Nov 11 - Veteran's Day

Nov 24-25 - Thanksgiving Holiday

Dec 2 - Last day of classes

Dec 3-9 - Final Exams

Dec 10 - Jan 8 - Winter Break, Holidays



ADD/DROP POLICIES

****ADD/DROP:** The deadline to add or drop courses in the School of Physical Sciences is the end of Week 2 by 5:00PM. Add/Drops can be made in WebReg.

****CHANGE:** The deadline to change grade option or variable units is the end of Week 2 by 5:00PM. Changes can be made in WebReg.

An online petition will be used for adds, drops, and changes after the listed enrollment deadlines have passed. Log into [STUDENT ACCESS](#) to submit an enrollment exception request.

****Some departments within the School of Physical Sciences have deadlines earlier than those for the School. Please see the comments in the SOC for details:**

In this issue...

- Like us on Facebook!

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- Important Fall Quarter Dates
- Math & Biology Minor and Specialization
- Math CEO
- Math, Chem and ESS clubs
- Tutoring Info
- Research Opportunities

...and much, much more!

NO CHEMISTRY LABORATORY CHANGES AFTER WEEK 1. Please NOTE: This deadline is earlier than the School of Physical Sciences week 2

ZOT FINDER APP

Need help finding your way around campus? Download the free Zot Finder App! Here you can search faculty, staff, buildings, and quickly access a digitized version of the UCI emergency blue book.



GRADUATING SENIORS

Don't forget to submit those graduation applications, the time is now if you plan on graduating in the spring or summer. Log in to Student Access today!



Mentor Program

Great opportunity to be paired up with an alumni or science professional as a mentor
Gain insights to potential career paths; map-out areas for personal and professional development; and seek council regarding issues of concern

For more information visit: <http://www.physsci.uci.edu/mentor>

THE DEADLINE TO SIGN UP IS SEPTEMBER 28, 2016!

The Physical Sciences Undergraduate Mentoring (PSUM) runs annually from November to May.

CAREERS AFTER COLLEGE

[HTTP://PS.UCI.EDU/STUAFF/CONTENT/CAREERS](http://ps.uci.edu/stuaff/content/careers)

- **Math** provides a solid foundation for further study in graduate or professional school, including law school or business school. Information about math careers is available at: [AMS Careers](#), [MAA Careers](#), and [AWM Career Resources](#).
- **Physics** majors are analytical thinkers with a basic understanding of natural processes. Even with a Bachelor's degree, physics majors are in high demand in our technological society. To get an idea of industrial opportunities go to: www.dice.com and search "physics", [AIP Careers](#), [APS Careers](#).
- **Chemistry** majors are prepared to go on to careers in the chemical sciences as well as in biology, medicine, earth sciences, secondary education, business, and law. More information is available at: [AIC Careers](#), and [ACS Careers](#).
- **ESS** students go on to graduate school programs and careers as research scientists in academic, public, or private institutions. Students are prepared to enter the workforce directly as scientists in a diverse array of fields. ESS career information can be found at: [AGI Careers](#), [AGU Careers](#), and [GSA Careers](#).

MATH AND BIOLOGY SPECIALIZATION AND MINOR

Interested in math AND biology?

Math majors, there is a **specialization in Mathematical Biology**! Mathematical biology is an integration of using mathematical models and tools and their applications in biology. Mathematical models and simulations are formulated and analyzed in order to answer biological questions.

There is also a **minor in Mathematics for Biology** for non-majors. Both the minor and specialization includes the course, [Mathematical Modeling in Biology \(Math 113A-B-C\)](#). If interested, please come by our office or visit [UCI General Catalogue](#) for more information!

UROP — UNDERGRADUATE RESEARCH

- What does UROP stand for? Undergraduate Research Opportunities Program
- UROP encourages and facilitates research and creative activities by undergraduates from all schools and academic disciplines at UCI.
- Research opportunities are available not only from every discipline, interdisciplinary program, and school, but also from many outside agencies, including national laboratories, industrial partners, and other universities.
- UROP offers assistance to students through all aspects of the research process, from proposal writing, to project management, awarding grant money, as well an opportunity to publish findings in UCI's own undergraduate research journal.
- Visit their website [here](#) for more information!

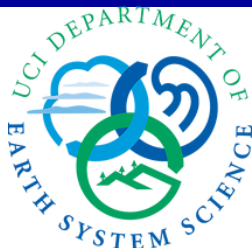


ANTEATERS MATHEMATICS CLUB(AMC)

The Anteaters Mathematics Club is a student run organization that brings together students interested in mathematics. AMC provides opportunities for students to explore various topics of mathematics outside the classroom, enhance student communication and cooperation, and provide resources to help students prepare for future careers in mathematics. We also have some fun activities such as: talks from professors and graduate students, workshops on careers, graduate schools, and undergrad research as well. Math Club meets every Monday at 5-6PM at Natural Sciences 2, room 1201. You do NOT need to be a major to join AMC! Anyone who is passionate about mathematics is welcome. And please visit our Facebook page: <https://>



EARTH SYSTEM SCIENCE CLUB(ESSC)



The Earth System Science Club at UC Irvine aims to prepare ESS, ES, and students interested in sustainability for careers in the field. We provide a number of workshops and networking opportunities with faculty, alumni, and local industries to assist students in preparation for the workforce. In addition, we serve the local community with ecological volunteering throughout the year. Our club will be meeting on Tuesdays at 5:15PM in DBH 1423 during odd weeks. We hope to see you at our next meeting!

Please join our Facebook group for updates on the club and email us anytime at esscirvine@gmail.com. Check out our website at <http://ess-club.wix.com/essc>.

Facebook group: <https://www.facebook.com/groups/196761771800/>

CAL TEACH CLUB(CTC)

UCI CTC is affiliated with UCI's Cal Teach Program, which is a 4-year undergraduate program where you can earn your bachelor's degree in Math or Science along with a secondary teaching credential. However, you do not have to be committed to the Cal Teach Program to be a part of the Cal Teach Club. We invite all individuals who are interested in teaching, tutoring, or learning more about the education field in general. Our mission is to foster a community of future teachers here at UCI, and to offer a chance to network with other future and current educators. We aim to achieve this by bringing in guest speakers such as current/retired teachers, alumni, and other experts in the education field. Club meetings will have snacks, social events, speakers and informative workshops! This is your chance to discover whether or not teaching is for you.



To find out more of what we have to offer and our upcoming events, feel free to contact us at calteachclub.uci@gmail.com. We have meetings on Tuesdays at 7 PM, every odd week; location may change so stay updated by visiting our website at <http://calteachclub.blogspot.com!>

CHEMISTRY CLUB



We are the American Chemical Society Student Affiliates also known as the Chemistry Club at UC Irvine. The Chemistry Club is an undergraduate organization that is committed to help other undergraduates on campus to reach their educational and career goals by showing them many opportunities that are available throughout the field of Chemistry. Our club has many exciting events including research talks, graduate student panels, field trips, and much more! This past year, we had a panel of graduate students where undergraduates had the opportunity to ask questions about graduate school, the application process, and what life as a graduate student is like. Every year, we go to the Santa Ana Zoo for National Chemistry Week to do a Chemistry experiment with children. We also have an outreach program where many of our members are active tutors with various local high schools. This past year, we participated in the 2015 Orange County Regional Science Olympiad where many

of our members wrote tests and proctored high school and middle school participants. The UCI Chemistry Club offers many field trips which include visits to the UCI's Nuclear Reactor under Dr. Shaka's supervision. We participate in campus events such as Wayzgoose Festival and Relay for Life, and are determined to participate in more. Moreover, UCI Chemistry Club demonstrates weekly experiments. One of our popular experiments is making ice cream from liquid nitrogen. Our club looks forward to having more exciting events and bringing students together to celebrate Chemistry in its many forms.

Visit our Facebook Page: www.facebook.com/ucichemistryclub

UCI Math CEO

**Free and Private tutoring is available for
CHEMISTRY, PHYSICS, and MATHEMATICS!**

For more information visit our [website](#).



Math CEO is a Community Educational Outreach program run by faculty and students at UCI, aimed at developing problem solving and critical thinking skills through mathematics, inspiring underprivileged kids to work hard and pursue their dream of college career. Join us by:

1. On Mondays, attend a course (as a [free, non-credit course](#) or as [MATH 192](#) for 2 units) to learn how to support middle school students learning math
2. Volunteer to do math with middle school students at UCI on Wednesday 2-4PM or at Santa Ana schools on Thursday 2-4PM

Sign up [here](#) and become an inspiring mentor!

For more information, email Dr. Pantano at apantano@uci.edu or visit our [website](#).

WOULD YOU LIKE TO PARTICIPATE IN RESEARCH?

Visit the Research page of our office website, at

<http://ps.uci.edu/stuaff/opportunities/research>.

Come in and see us for more info in RH 134.



APPLY TO BE A PEER ACADEMIC ADVISOR



Applications are available online for all academic units during 7th week Fall Quarter. These applications are also available at the Undecided/Undeclared Advising office located at 256 Aldrich Hall. This is a **PAID** position! Learn more about the Peer Academic Advising Program at

<http://www.due.uci.edu/paap>

UPDATE YOUR ADDRESS

Remember, every time you move, you should log on to the Student Access website and update your local and/or permanent address. This way, the Student Affairs Office and other offices on campus can send you important information in the mail.

MEET THE PEER ADVISORS AND ACADEMIC COUNSELORS

Our office is open weekdays from 9:00am—4:00pm, and we advise walk-in students every day, no appointment needed. We are in 134 Rowland Hall!

Jamie Hearn.....hearnj@uci.edu

Bryan Reza.....breza@uci.edu

Bao Vu.....bgvu@uci.edu



Questions?.... Please contact a Peer Academic Advisor or Academic Counselor at 949-824-6507, or pssazot@uci.edu, or come into the office to speak with us. We are located in Rowland Hall 134 and our walk-in hours are Mon-Fri 9:00 am—4:00 pm.

The School of Physical Sciences presents

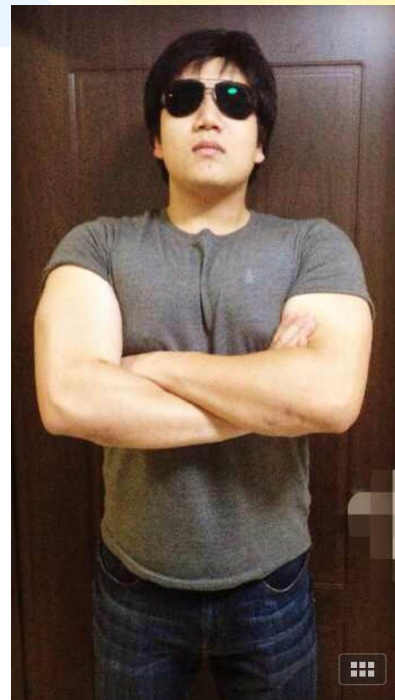
Anteater Spotlight

Yuzhao Sun

Meet Yuzhao Sun, a fifth year Physics and Electrical Engineering double major.

Yuzhao's academic record is only one of his many accomplishments. From doing research to volunteering his time, to speaking three languages fluently, to consistently being on the Dean's Honor list, he has shown that he is a great asset to the culture and enrichment of UCI.

Yuzhao is an international student with a multi-cultural background. He was born in Yokohama, Japan, but grew up in Beijing, China. He attended North China Jiaotong University Affiliated High School and then moved to the U.S. to attend the University of California, Irvine. He says that he loves the comprehensiveness and diversity of UCI. Yuzhao says that attending UCI has introduced him to many values that he feels will affect him and stay with him through his academic and personal future. He says the most important thing that UCI has done for him is enlighten him and continue to amaze him. One of his goals is to "deliver those positive powers to others in the future no matter where he is or who he becomes."



Yuzhao Sun

In his free time, Yuzhao enjoys doing cross-fit and playing the clarinet. When asked about any talents that he might have, he simply responded by saying that he doesn't feel like he has any self-identified talents, but that he wants "to prove to everyone that a person may not be either the brightest or most talented student in the class, but he/she still can be the best."

Yuzhao has continuously shown his commitment to helping out new students. He wants to help any new students who might be struggling right now and has this advice:

Attend lectures and as many social events as you can. You should also follow any procedures put forth by your professors.

Do not rest, you will rust – the quarter system can be really intense, do not relax until the end of the quarter.

You fail to plan, you plan to fail – good time-management is necessary for success

Yuzhao has thrived here at UCI and has plans to continue his education. His goal is to pursue his Masters and then his PhD with a focus in solid state material science.

Well, we think that you are awesome, Yuzhao! We fully believe that you will accomplish all of your goals!

