

PHYSICAL SCIENCES QUARTERLY

WINTER 2016 EDITION

ANNOUNCEMENTS/ UPCOMING EVENTS:



- Come check out our page on **facebook** 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 Enrollment.

IMPORTANT FALL QUARTER DATES:

Jan. 4 - Instruction begins
Jan. 15 - Deadline to add/drop a class without dean's approval using WebReg (5pm)
Jan. 18 - Martin Luther King, Jr. Day
Feb. 15 - President's Day
Mar. 11 - Last day of classes
Mar. 12-18 - Final Exams
Mar 21-25 - Spring Break

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:**

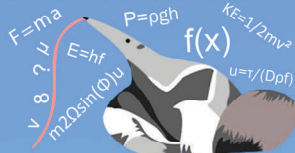
CLASS OF 2016: SAVE THE DATE!

The School of Physical Sciences graduation ceremony will be held on **Saturday, June 11, 2016 at 12:30 pm** in the Bren Events Center.

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!



Physical Sciences Student Affairs



In this issue...

- Graduation reminder– save the date!
- Like us on Facebook!
- **facebook**
- Math, Chem, Cal Teach, and ESS clubs
- Tutoring Info
- Research Opportunities
- Apply to be a PAA!

...and much, much more!

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

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

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](#).

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 a new course, [Mathematical Modeling in Biology \(Math 113A-B-C\)](#). If interested, please come by our office 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.
- UROP Website: <http://www.urop.uci.edu/>



ANTEATERS MATHEMATICS CLUB

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 4-5PM 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://www.facebook.com/groups/anteater.math.club/>



EARTH SYSTEM SCIENCE CLUB

Are you interested in environmental science or sustainability? Come check out the Earth System Science Club! We are a student-run organization that collaborates with the ESS department to help guide you through the college experience. From networking opportunities and internship information, we'll do our best to help prepare you for the real world. Our meeting dates and times are TBD. Feel free to contact us at esscirvine@gmail.com and check out our website at ess-club.wix.com/essc. Like our page: <https://www.facebook.com/pages/Earth-System-Science-Club-at-UC-Irvine/401533326597977>

CAL TEACH CLUB

The UCI Cal Teach Club (CTC) was founded in the fall of 2008. The 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 (ACSSA) also known as the Chemistry Club at UC Irvine. The Chemistry Club is an undergraduate organization that is committed to helping other undergraduates on campus 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, experiment demonstrations, and much more!

Every year, we go to the Santa Ana Zoo for National Chemistry Week to do chemistry experiments with children. We also have an outreach program where many of our members are active tutors with various local high schools. Last year, we participated in, and will participate again, in the upcoming 2016 Orange County Regional Science Olympiad (March 5th). Many of our members have written tests and have proctored high school and middle school olympiad events. We have also collaborated with CaSTL (Center for Chemistry at the Space-Time Limit) by participating in regional ACS events with them.

The UCI Chemistry Club offers many field trips which include visits to the UCI's Nuclear Reactor.

We participate in campus events such as Wayzgoose Festival and Relay for Life, and are determined to participate in more. We have also collaborated with other chemistry clubs from neighboring universities (CSULB, UCSD and more) to create networking opportunities for our members. 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

The School of Physical Sciences presents

Anteater Spotlight

Nicole Zhang

Meet Nicole Zhang, a second year Mathematics major. Being on the Dean's Honor List every quarter is one of Nicole's many accomplishments. She has also volunteered for and been an interpreter at the Intel International Science and Engineering Fair. In only her second year here at UCI, she has already begun taking graduate level courses in her field of study. Successes like these are what made her our spotlight student!

Nicole is an international student from Amoy, China. She attended Xiamen No. High School before coming to UCI in 2013 to attend our International Undergraduate Preparation Program (IUPP). She says that she attended IUPP to strengthen her English skills as that has been, "the most challenging thing for [her]." Interestingly, the thing that she likes most about UCI is the writing center. She says that it helps her solve many problems. She also says that the key to her success here at UCI has been the free tutoring centers and her Academic Counselors.



Nicole Zhang
B.S. Mathematics

The Future is Bright



In her free time, Nicole likes to cook Chinese food and babysit for her church. She says that being a math major can be stressful at times. Babysitting not only helps her relax, but she is also able to help people through this line of work. She would also like to help any new students or students who are struggling right now. Here is her advice for these students:

"Never think, 'It is easy.' When I take classes, I treat them seriously. I do not allow myself to think any material is easy. Because once we tell ourselves that something is easy, we potentially tell ourselves that we can relax and do not need to treat it seriously. Then, it is easy to lose some unnecessary points from the class. So, do not be overly confident in classes.

*Never make the same mistake twice. People always make mistakes, but making a same mistake twice means we do not notice our mistake when it happened the first time. Every time, I made a mistake, I talked to myself and promised myself I would never make it happen again. It works for me."

Even though she is only a second year student, Nicole aspires to double major in Computer Science and eventually become a Math Professor. She wants to share the passion that she has for mathematics.

Congratulations Nicole! We think that you will achieve all of your goals!



Free Tutoring!

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

Visit this website for more information:

<http://ps.uci.edu/stuaff/content/tutoring>



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 (PAA)!

Applications are available online NOW! Paper applications are also available at the Undecided/Undeclared Advising office at 256 Aldrich Hall. This is a **PAID** position! Learn more about the Peer Academic Advising Program at <http://www.due.uci.edu/paap>. The application is due on January 15th by 4pm. Click on the link for the online application:

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



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 ACADEMIC ADVISORS!

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!

Asher Niu.....shihaon@uci.edu

Candace Hart.....chhart@uci.edu

Jhealyn Rogers.....jfrogers@uci.edu

Bryan Reza.....breza@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.