

PHYSICAL SCIENCES QUARTERLY

WINTER 2018 EDITION

ANNOUNCEMENTS/ UPCOMING EVENTS:

IMPORTANT WINTER QUARTER DATES:



PHYSICAL SCIENCES ZOTCHAT IS AVAILABLE! Chat live with a counselor/peer advisor to ask general counseling or advising related questions. For more information, click [here](#).

Jan. 8 - Instruction begins

Jan. 19 - Deadline to add/drop a class without dean's approval using WebReg (5pm)

Jan. 15 - Martin Luther King, Jr. Day

Feb. 19 - President's Day

Mar. 16 - Last day of classes

Mar. 17-23 - Final Exams

Mar 26-30 - 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:**

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

CLASS OF 2018: SAVE THE DATE!

The School of Physical Sciences graduation ceremony will be held on **Sunday, June 17, 2018 at 4:00 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!**
- **PS ZotChat is available!**
- **Like us on Facebook!**

facebook

- **Math, Chem, Women in Chem, Cal Teach, and ESS clubs**
- **UCI Math CEO**
- **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.

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 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

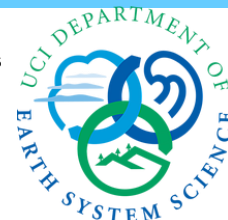


The Anteaters Mathematics Club is a student run organization that brings together students interested in mathematics. AMC provides opportunities for students to explore various topics of mathematics outside the classroom, enhance student communication and cooperation, and provide resources to help students 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 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://www.facebook.com/groups/anteater.math.club/>

EARTH SYSTEM SCIENCE CLUB

The Earth System Science Club at UC Irvine aims to prepare ESS, ES, and students interested students 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>.



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. so stay updated by visiting our website at <http://calteachclub.blogspot.com>!

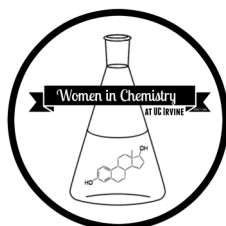
ALPHA CHI SIGMA

Alpha Chi Sigma is having their Winter Rush next week (1/16-1/19). AXS is a national professional chemistry fraternity with over 100 chapters and has been at UCI for a few years now. We are a co-ed fraternity that is unaffiliated with the Greek system; instead we are a group of individuals *bonded* together by our **love for the chemical sciences**. Our members come from various majors such as *Chemistry, Pharmaceutical Science, Biology, Chemical Engineering, Public Health, Earth System Sciences, etc.* As a group, we strive to create a positive social forum for our members by promoting chemistry through academics, research, service, professional events, and assist our members in achieving their professional goals.

Our rush week starts on Tuesday (1/16) and we welcome all who are interested in Chemistry to come out and get to know the brothers of our fraternity. We will be hosting other events throughout the week. For all events, please meet in front of Rowland Hall at 6pm.

If you are interested in joining or would like more information, feel free to email us at ucialphachisigma@gmail.com or connect with us via our Facebook page (Alpha Chi Sigma - Colony at University of California, Irvine). We hope to see you at our rush events!

WOMEN IN CHEMISTRY CLUB



Women in Chemistry at UCI is an undergraduate organization that is focused on strengthening the scientific community and serving as an advocate for women's rights and minorities. We aim to help fellow undergraduates reach their educational goals and provide insights on opportunities within the field of Chemistry. We have a Peer Mentoring Program where we partner senior-level students with underclassmen. These upperclassmen mentors are meant to act as a resource and offer advice to their mentees. As a club, we promote personal and professional development and we strive to encourage the growth of female undergraduate students in Chemistry. Feel free to contact us anytime at uciwic@gmail.com!

UCI Math CEO

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:

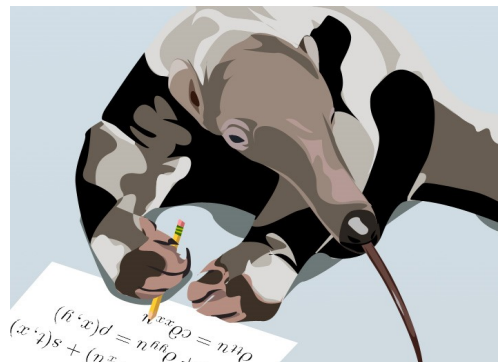
1. On Mondays, attend a course (as a free, non-credit course or as MATH 192 for 2 units) to learn how to support middle school students learning math
2. Volunteer to do math with middle school students at UCI Wednesdays 2-4PM

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

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

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

For more information 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 (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 19th by 4pm. Click on the link for the online application: <http://paap.due.uci.edu/apply/become-a-paa>



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!

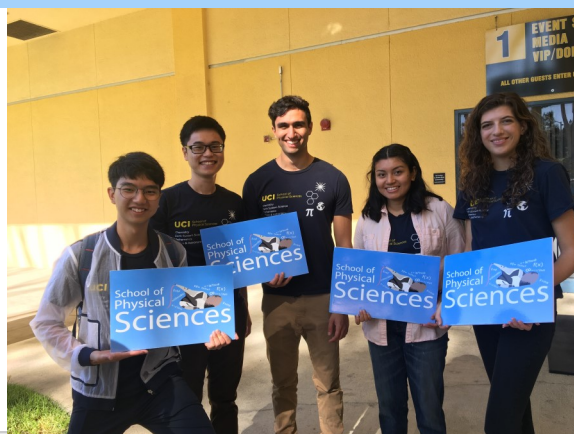
Melanie Martinez.....melanigm@uci.edu

Alyssa Powers.....acpowers@uci.edu

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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

The School of Physical Sciences presents

Anteater Spotlight

Maksym Zubkov

Meet Maksym Zubkov, a fourth year Mathematics major.

In addition to his academic achievements, including being on the Dean's Honor List for four consecutive quarters, Maksym has received two fellowships for undergraduate research and was nominated by the Scholarship Opportunity Program to apply for prestigious scholarships such as NSF and Fulbright.

Maksym moved to the United States from Ukraine in 2013 and worked as a technical assistant at IT Support LA while studying at Los Angeles Pierce College before transferring to UCI. During his time at UCI, he has become a member of PME, the Anteater Math Club and Tau Sigma Transfer Honor National Society. Maksym is also a math tutor at LARC, a math instructor at UCI Math Circle, and the Vice President for Tau Sigma.

Maksym also conducts research under the supervision of Professor Vladimir Baranovsky, focusing on developing new knot invariants. He plans to attend graduate school in his pursuit to become a math professor and researcher. He believes that UCI has been the perfect place to start accomplishing educational and research goals.



Maksym Zubkov

In his free time, Maksym likes programming and reading both fiction and non-fiction books .

In light of Maksym's many achievements, he offers the following advice to students on how to get involved at UCI and be successful:

- ⇒ Go to office hours if you are interested in getting involved in research. Search the departmental website to find professors with research interests that seem interesting to you and try emailing them to make an appointment.
- ⇒ If you want to want to be socially active, find clubs that match your out-of-class interests.
- ⇒ Read books! The most important rule for me is to understand the concepts. By reading different books and watching different lectures, the understanding of concepts will be better compared to just focusing on the professor's lectures. Also, try to study everyday and do extra problems in addition to homework problems.

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

