



Visit us at <http://ps.uci.edu/stuaff/>

PHYSICAL SCIENCES NEWSLETTER

SPRING 2020 EDITION

IMPORTANT SPRING QUARTER DATES:

March 30 - Instruction Begins

April 10 - Deadline to Add/Drop courses without Dean's approval using WebReg (by 5 p.m.)

March 27 – Cesar Chavez Day

May 25 - Memorial Day

June 5 - Instruction Ends

June 6- 11 - Final Exams

Commencement - Link for more information: <https://commencement.uci.edu/>

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ANNOUNCEMENTS/ UPCOMING EVENTS



PHYSICAL SCIENCES ZOTCHAT IS AVAILABLE! Chat live with a counselor/peer advisor to ask general counseling or advising related questions. For more information, visit <https://ps.uci.edu/stuaff/content/live-chat>

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 5:00 PM. Add/Drops can be made using WebReg.

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

***PASS/NO PASS:** The deadline to change a course to P/NP is Friday of Week 10 by 5:00PM. P/NP changes can be made using the Enrollment Exception through Student Access. For more information: <https://ps.uci.edu/stuaff/faq>

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 itself. 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.

ZOT FINDER APP

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



Like our Facebook page!

GRADUATING SENIORS

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



ANTEATERS MATHEMATICS CLUB (AMC)

Spring Quarter Update: The Anteaters Mathematics Club will NOT be meeting remotely during Spring Quarter.

Thus, all AMC meetings are cancelled.

If you have any questions, please contact us using the following options:

Email us at mathclub.uci@gmail.com ; President Duo Lin: duo14@uci.edu ; Vice President Lori Cha: lcha2@uci.edu

Please visit our Facebook page at <https://www.facebook.com/groups/anteater.math.club/>

CALTEACH AT UCI

Spring Quarter Update: Please contact CalTeach at UCI directly for further information.

The CalTeach at UCI is a club geared toward future STEM educators and invites 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 consist of chat and snacks, socials, guest speakers, or informative workshops! This is your chance to dive into your desired profession!

Email: calteachadvisory@gmail.com (please wait 2-5 business days for a reply) ; President Tammy Dang: tammyd3@uci.edu To know when and where we will have meetings follow us on Instagram at [ucicalteach](https://www.instagram.com/ucicalteach/) or on Facebook at <https://www.facebook.com/ucicalteach/>.

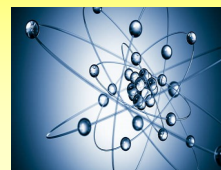
WOMEN IN PHYSICS AND ASTRONOMY AT UCI

Spring Quarter Update: Please contact Women in Physics and Astronomy at UCI directly for further information.

The Women in Physics & Astronomy (WiPA) group at UC Irvine is a representative body for women at the undergraduate, graduate and postdoctoral levels. We strive to create a community for female physicists that fosters support through a variety of social events and outreach programs. We welcome anyone who is interested in discussing topics related to women in physics and addressing women's issues and interests within the department.

Email: WiPA@uci.edu ; President Astrid Anker: aanker@uci.edu

Visit us at our website: <https://clubs.uci.edu/womeninphysics/> ; Email us for more information at uciwomeninphysics@gmail.com



ALPHA CHI SIGMA

Spring Quarter Update: Please contact Alpha Chi Sigma directly for further information.

Alpha Chi Sigma is a national professional co-ed fraternity focusing in the chemical sciences. Founded in 1902, there are nearly 100 chapters across the nation. Here at UCI, we are comprised of individuals from various majors such as Biology, Pharmaceutical Science, Chemistry, Chemical Engineering, Earth System Science and Public Health who are bonded by our love for and the common interest in the field of chemical sciences. As a group we strive to create a positive social forum for our members by promoting chemistry through academics, research, service, and assist our members in succeeding in their professional goals.

The Delta Lambda Chapter of AXS will be rushing from 10/8 - 10/11, and all events (excluding Monday at UTC's Cha for Tea) will meet at Rowland Hall at 6pm.

Contact: ucialphachisigma@gmail.com



MINORITY MATH CLUB

Spring Quarter Update: Please contact the Minority Math Club directly for further information.

The club's goal is to create a community within the major for students who identify as: an underrepresented minority, first-generation, transfer, non-traditional, adult learner, or anyone looking for a friend with similar experiences. We've been doing this by creating a safe space with lines of communication between students where they feel comfortable enough to ask for advice or help with their difficulties in math. Feel free to contact us at agoveagr@uci.edu ; Our GroupMe is https://web.groupme.com/join_group/47495069/oKiZDw

EARTH SYSTEM SCIENCE CLUB (ESSC)

Spring Quarter Update: Please contact the Earth System Science Club directly for further information.

The Earth System Science Club at UC Irvine aims to prepare ESS, ENSP, 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. We hope to see you at our next meeting!

Please join our Facebook group <https://www.facebook.com/groups/196761771800/> for updates on the club and email us anytime at esscirvine@gmail.com . Check out our website at <http://ess-club.wix.com/essc>; President Anna Agnew: jagnew@uci.edu



ASTRONOMY CLUB AT UCI

Spring Quarter Update: Please contact the Astronomy Club at UCI directly for further information.

Astronomy Club at UCI is a club dedicated to communicating the wonders of the cosmos. We aim to form a sense of community among our members, and, if possible, among the students at UCI through Astronomy. Astronomy Club works along side the Astronomy Outreach Program, hosting events such as the previous Lunar Eclipse Event with our own telescopes. We also plan trips for Camping, Observatory Trips, and other related Astronomy activities such as stargazing during meetings.

Email: astroclub@uci.edu ; Facebook Group: The Astronomy Club at UCI ; Instagram: @astronomyclubuci ; Website: <https://sites.uci.edu/astroclubatuci>

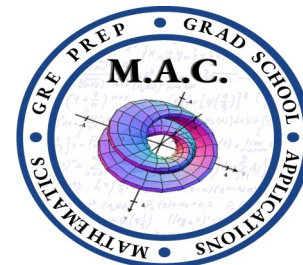


ABELIAN GRAPES

Spring Quarter Update: Please contact Abelian Grapes directly for further information.

The Abelian Grapes encourages friendships. It's a group of math majors who like joking around, talking about math, math memes, and eating out every Friday at 3pm in RH 510R. We create a close-knit group of proactive undergrad math majors who encourage sharing mathematical ideas and experiences.

President Leonard Megliola: lmegliol@uci.edu ; Groupchat on WeChat app



UCI SOCIETY OF PHYSICS STUDENTS (SPS)

Spring Quarter Update: Please contact the UCI Society of Physics Students directly for further information.

The UCI Society of Physics Students (SPS) strives to create a welcoming environment for all students interested in physics, and to foster their development as young career professionals and scientists. SPS organizes industry networking events, panels with scientists, Physics Department meet-and-greets, and lab tours. SPS also hosts social events like science-fiction movie nights, pizza socials, and game nights. Society of Physics Students weekly meetings are typically on Wednesdays from 5-6pm, in FRH 2107.

Feel free to contact us at sps@uci.edu; Co-President Henry Amir: hamir@uci.edu; Co-President Lisabeth Santana: lisabets@uci.edu ; Our website link is <https://sites.uci.edu/spsuci/> .



THE ACTUARIAL SOCIETY

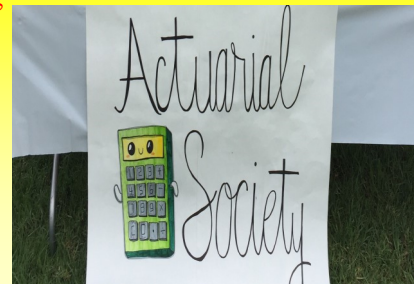
Spring Quarter Update: The Actuarial Society will NOT be meeting remotely during Spring Quarter. Everything will be held through email.

Thus, all meetings are cancelled.

If you have any questions, please contact us using the following options:

Email: actuarialsociety@uci.edu; Please visit our website at www.clubs.uci.edu/actuarialsociety for further information and resources provided.

Contact us at actuarialsociety@uci.edu; President Umar Shafi: ushafi@uci.edu



MATH FINANCE CLUB AT UCI

Spring Quarter Update: The Math Finance Club at UCI will NOT be meeting remotely during Spring Quarter.

Thus, all meetings are cancelled.

If you have any questions, please contact us using the following options:

mathfinanceclub@uci.edu; Website: <https://clubs.uci.edu/mathfinanceclub/>; LinkedIn: <https://www.linkedin.com/groups/13695883/>

We typically meet on Tuesdays at 7:30 pm in NS2 1201; President Jingbo Yuan: jingby1@uci.edu

ANTEATER AMBASSADOR NETWORK (AAN)

Are you looking to get involved on campus? Do you want to make new friends who are passionate about giving back to UCI?

Anteater Ambassadors Network (AAN) offers the unique opportunity to network with your fellow students, faculty & staff, and leaders of Orange County through community service. AAN is a student service organization that provides volunteer support for University Advancement and other departments. We select high-achieving students to serve as ambassadors for UCI and represent the face, voice, and experiences of the UCI student body at premiere/high-profile events. This opportunity allows ambassadors to give their time and talents, share their unique perspective of university life, participate in sharing student stories for stewardship purposes, and network with professionals and donors who may have an impact on their education, research, and resource opportunities.

APPLY HERE: <https://forms.gle/9aVuGhCG59n7UyR49>

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 information in RH 134.

REMINDER: 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.

Free and Private tutoring is available for CHEMISTRY, PHYSICS, and MATHEMATICS!
For more information visit our [website](#).



EXTERNAL PUBLICITY COORDINATOR OF GLOBAL MEDICAL TRAINING AT UCI

Are you interested in advocating and involving in healthcare aspects of underserved communities? Global Medical Training at UCI is a humanitarian pre-health club that strives to serve the underrepresented communities both local and abroad. We provide students opportunities to participate in the biannual clinical trips abroad to Latin American countries to provide free basic clinical care to the disadvantaged communities. We also provide various opportunities such as volunteering, networking, and much more!

To get to know us more, follow us on Facebook: <https://www.facebook.com/groups/GMTUCI/>

Our website: <https://www.gmtuci.com/>

Our General Membership Application: https://docs.google.com/forms/d/e/1FAIpQLSfx2PkFYtqvX1Wq_bHKrGM41C3vOOVxO_xEsqrOYAmGnNPsIA/viewform

CAREERS AFTER COLLEGE

<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](#).

CORONAVIRUS SAFETY TIPS

- 1) **HANDS:** Wash them often
- 2) **ELBOW:** Cough into it
- 3) **FACE:** Don't touch it
- 4) **SPACE:** Keep safe distance
- 5) **HOME:** Stay if you can

CORONAVIRUS PREVENTION



CHECK OUT TIPS FROM THE CDC

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.



UCI MATH CEO

Spring Quarter Update: UCI Math CEO will meeting remotely during Spring Quarter. Please contact them for further information.

Mentors and Volunteers Needed. Want to help kids with math? Join Math CEO...

Math CEO is a great way to gain teaching experience, find friends at UCI, collect fieldwork/volunteering hours and promote STEM education. Almost all of the participating middle school students are Latinx, and come from low income families which lack familiarity with college. Your commitment can vary from 1 to 5 hours a week. Most of these mentoring opportunities take place here on the UCI campus and require no transportation.

SIGN-UP AT: <https://forms.gle/AWp2qGzrmv1nocrQA>

WEBSITE: <http://www.math.uci.edu/mathceo/> ; **EMAIL US:** mathceo@math.uci.edu ; **VIDEO:** <https://youtu.be/DyBik87GnHU> ; **NEWS ARTICLE:** <https://news.uci.edu/feature/solving-problems/>

MEET THE ACADEMIC COUNSELORS



From left to right:

Don Williams.....dawillia@uci.edu

Mike Tawney.....mtawney@uci.edu

Stefanie Masuda.....masudas@uci.edu

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

MEET THE PEER ACADEMIC ADVISORS

Our office hours are on weekdays from 9am-4pm, and we can advise via Zotchat every day. Stay safe and healthy!

Emma Wilfong.....ewilfong@uci.edu

Shelly Meirovitch.....smeirovi@uci.edu

Claire Urata.....uratac@uci.edu

Lissette Umanzor.....lumanzor@uci.edu

Alessandra Flaherty.....akflaher@uci.edu



Questions? Please contact a Peer Academic Advisor or an Academic Counselor at pssazot@uci.edu or come on Zotchat to speak with us. We are available Monday - Friday from 9:00 am - 4:00 pm.

The School of Physical Sciences presents

SPOTLIGHT STUDENT

Kimberly Zhang

Meet Kimberly Zhang from San Francisco, California. Kimberly is a third-year Mathematics and Chemistry double major specializing in Applied and Computational Mathematics and Chemical Biology. She first came to UCI as an Economics major. However, she soon discovered that she wasn't interested in the material taught in her classes, and thus was uncertain about her career goal for a long time. Meanwhile, she was taking Honors General Chemistry and Calculus, which gave her ideas of doing multidisciplinary research regarding math and natural sciences. She found these topics fascinating and decided to change her major to math and chemistry.

Kimberly is very involved. She is currently a Certified Learning Assistant for Organic Chemistry, and was also one for Majors and Honors General Chemistry. She was also part of the Anteater Ambassador Network, a Science Olympiad Event Supervisor, an RA for Middle Earth housing, and a Student Advisor for the Scholarship Opportunities Program.

Kimberly has received multiple awards for her incredible accomplishments, such as the Distinguished Anteater Award 2019, ACS Orange County Outstanding Student 2019, Pi Beta Kappa, two time recipient of UROP Fellowship, and two time Goldwater Scholarship UCI Nominee.



Kimberly has also been involved in many research projects, working with Professor Philipp Furche as an undergraduate researcher since Winter Quarter 2017. She is also currently working on Solvation Effect on Core Electron Binding Energy of Solvated Acetic Acid in collaboration with Professor Hemminger. She performs theo-

retical simulations on systems with the Hemminger Group to study how the change in chemical environments changes the physical properties of the molecules.

Kimberly appreciates all the opportunities UCI offers to students, like providing students with many research opportunities and encouraging all students to pursue their dreams in college. She also believes that UCI is definitely an institute where the students feel loved and supported.

Kimberly suggests to utilize all the opportunities and resources offered at UCI and try everything. It took her a long time to figure out what she really wanted to do, and it wasn't easy. She advises that even if you find yourself in situations where you get rejected, it is super important to keep trying and never give up. If you can keep reflecting on your past experiences and looking forward, you will definitely find your passion here at UCI. Also, interacting with your professors is key to your success and don't be afraid of asking questions.



Kimberly Zhang

Class of 2020
B.S. Mathematics
B.S. Chemistry

Kimberly was on the rowing team in her second year, and also participated in the triathlon team. Some of her hobbies include painting, watching the Great British Bake-Off (which she hopes to participate in someday), and playing the piano. In fact she has played the piano for 15 years now.

Kimberly is planning to pursue a Ph.D. in theoretical chemistry and collaborate with biochemistry or organic chemistry research groups.

Congratulations Kimberly!
We know you will accomplish great things in your future!

