



# PHYSICAL SCIENCES NEWSLETTER

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FALL 2020 EDITION

\*\*\*[CLICK HERE](#) FOR FAQ's AND P/NP CHANGES FOR FALL 2020\*\*\*

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## 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/summer/fall.

Physical Sciences Student Affairs

**ZotChat**

ONLINE NOW

ZOT!

CLICK TO CHAT!

## 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>

## Important Fall Quarter Dates...

- October 1
  - Instruction Begins
- October 16
  - Deadline to Add/Drop courses without Dean's approval using WebReg (by 5 p.m.)
- November 11
  - Veteran's Day
- November 26-27
  - Thanksgiving
- December 11
  - Instruction Ends
- December 12-18
  - Final Exams

## ADD/DROP POLICIES

\*ADD/DROP: The deadline to add or drop courses 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. Use WebReg to make changes.

\*PASS/NO PASS: Students will be able to change their grade option, both letter grade to P/NP and P/NP to letter grade, through November 25 (before 5PM)

\*\*\*PLEASE SEE FULL P/NP CHANGES FOR FALL 2020 [HERE](#)\*\*\*

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.

# UCI CLUBS & ORGANIZATIONS

## ACTUARIAL SOCIETY AT UC IRVINE



Actuarial Society at UC Irvine

Interested in what an actuary is? Do you want to learn more about this career option and have the chance to talk to professionals in this field? The Actuarial Society at UC Irvine can help you to decide if a career as an actuary is right for you! You have the opportunity to meet students who already went through the process and learn from them! We provide exam support, networking opportunities, and much more!

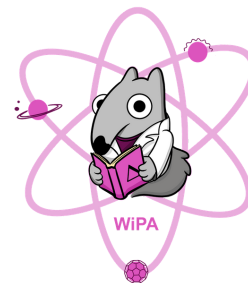


Website: <https://sites.uci.edu/actuarialsociety/>  
Email: [actuarialsociety@uci.edu](mailto:actuarialsociety@uci.edu)

## 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 biannual clinical trips to Latin American countries to provide free basic clinical care for the disadvantaged communities. We also provide various opportunities such as volunteering, networking, and much more! More updates regarding the trips and volunteer events will be posted depending on the current COVID-19 situation! Our general meetings for Fall 2020 will be via Zoom on Thursday, 5PM-6PM. Zoom links will be posted on our Facebook page or sent through our weekly emails! We hope to see you soon!

To get to know us more, follow us on [Facebook](#):  
Our website: <https://www.gmtuci.com/>  
To join our mailing list click [here](#)



## WOMEN IN PHYSICS AND ASTRONOMY AT UCI

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](mailto:WiPA@uci.edu)  
President Astrid Anker: [aanker@uci.edu](mailto:aanker@uci.edu)  
Visit us at our website: <https://clubs.uci.edu/womeninphysics/>

# UCI CLUBS & ORGANIZATIONS CONT...

## CALTEACH AT UCI



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. This is your chance to dive into your desired profession!

Email: [calteachadvisory@gmail.com](mailto:calteachadvisory@gmail.com)  
(please wait 2-5 business days for a reply)

Instagram: @ucicalteach

Facebook: <https://www.facebook.com/ucicalteach/>



## SOCIETY OF PHYSICS STUDENTS AT UCI

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](mailto:sps@uci.edu)  
President Stephen Coffey: [coffeys@uci.edu](mailto:coffeys@uci.edu)  
Our website link is <https://sites.uci.edu/spsuci/>.



## UCI MATH CEO

UC Irvine's Math CEO (Community Educational Outreach) is a transformative after school program designed to inspire underserved youth to pursue college education and a career in STEM, while at the same time fostering math achievement.

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 1-5 hours a week.

Click [here](#) for more info

Email: [mathceo@math.uci.edu](mailto:mathceo@math.uci.edu)

NEWS ARTICLE: <https://news.uci.edu/feature/solving-problems/>

# UCI CLUBS & ORGANIZATIONS CONT...

## ALPHA CHI SIGMA AT UCI



Alpha Chi Sigma is a national professional co-ed fraternity focusing in the chemical sciences. Here at UCI, we are comprised of individuals from various majors such as Biology, Pharmaceutical Science, Chemistry, Chemical Engineering, ESS, and Public Health who are bonded by our love for 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 10/12-10/17, and all events will start at 7pm and use the following zoom link: <https://uci.zoom.us/j/93465903911>.

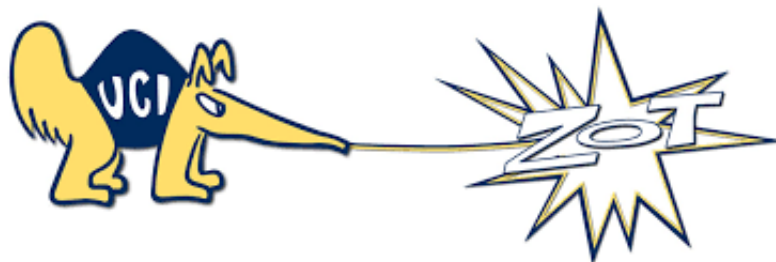
Visit our website [here](#) or contact us at [ucialphachisigma@gmail.com](mailto:ucialphachisigma@gmail.com)



## ASTRONOMY CLUB AT UCI

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. The Astronomy Club hosts events such as Astrophysics Graduate Research Talks, International Observe the Moon Night, and Astro Trivia Nights. We also plan trips for camping, Observatory trips to Palomar and Griffith Observatories, and other related Astronomy activities such as stargazing during meetings. We work alongside the Astronomy Outreach Program, hosting events such as the previous Lunar Eclipse Event with our own telescopes. Due to this year's social distancing, we will be hosting virtual zoom meetings every Wednesday evening at 6pm. You may find additional information on our website, or feel free to email us!

Email: [astroclub@uci.edu](mailto:astroclub@uci.edu) ; Facebook Group: The Astronomy Club at UCI ;  
Instagram: [@astronomyclubuci](#) ; Website: <https://sites.uci.edu/astroclubatuci> "



# CAREERS AFTER COLLEGE

## MATH

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

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](http://www.dice.com) and search "physics", [AIP Careers](#), [APS Careers](#).

## CHEMISTRY

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

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](#).

## WANTING TO GO TO GRAD SCHOOL?

COME JOIN US! An advisor from the Division of Career Pathways will be hosting an "Applying to Graduate Schools" workshop for Physical Sciences students! All majors welcome!

When: October 14th at 3:30pm Pacific Time

Register for the event [here](#)

Zoom Link [here](#)

Meeting ID: 955 8717 9386

Passcode: 964333





# OPPORTUNITIES & REMINDERS

## 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. Find more information [here](#).

## PARTICIPATE IN RESEARCH!

Visit the Research page of our office website at:  
<http://ps.uci.edu/stuaff/opportunities/research>

## 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.

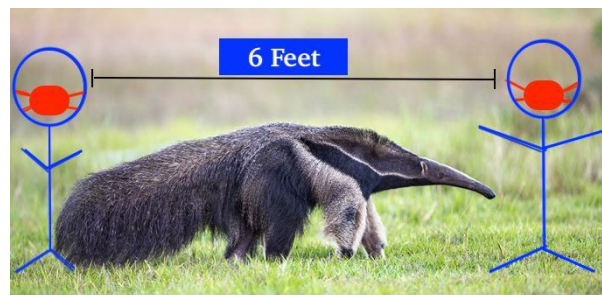
## FREE AND PRIVATE TUTORING!

Available for Chemistry, Physics, and Mathematics! Please see our website for more information:

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

## COVID-19 SAFETY TIPS

- Stay at home when possible
- Use hand-sanitizer and soap liberally
- Always wear a mask in public
- Leave room for Peter!
  - Did you know the average length of an anteater is 6-7 feet? Think about that while you social distance!



\*For more information on ways to stay safe please visit the California Department of Public Health website [here](#)

# STUDENT AFFAIRS STAFF

## MEET THE ACADEMIC COUNSELORS



From left to right:

Don Williams: [dawillia@uci.edu](mailto:dawillia@uci.edu)  
 Mike Tawney: [mtawney@uci.edu](mailto:mtawney@uci.edu)  
 Stefanie Masuda: [masudas@uci.edu](mailto:masudas@uci.edu)  
 Bryan Reza: [breza@uci.edu](mailto:breza@uci.edu)

## MEET THE PEER ACADEMIC ADVISORS



Ryan  
Owings:

[rowings@uci.edu](mailto:rowings@uci.edu)

Karla  
Rojas Garcia:

[krojasga@uci.edu](mailto:krojasga@uci.edu)

Lissette  
Umanzor:

[lumanzor@uci.edu](mailto:lumanzor@uci.edu)

Alessandra  
Flaherty:

[akflaher@uci.edu](mailto:akflaher@uci.edu)

Abigail  
Nicholson:

[arnichol@uci.edu](mailto:arnichol@uci.edu)

## QUESTIONS? CONTACT US!

Please contact a Peer Academic Advisor or an Academic Counselor at [pssazot@uci.edu](mailto:pssazot@uci.edu) or come on Zotchat to speak with us.

We are available:

Monday - Friday from 9:00am-12:00pm & 1:00pm-4:00pm & 7:00pm-9:00pm

## APPLY TO BE A PEER ACADEMIC ADVISOR

Applications are available online for all academic units during 7th week Fall Quarter. The Peer Academic Advising Program provides valuable services for all UCI undergraduate students. It is the source of student-to-student academic counseling based not only on academic, but also personal experiences of UCI students. This is a PAID position! Learn more about the Peer Academic Advising Program at <http://www.due.uci.edu/paap>

# The School of Physical Sciences Presents...

## SPOTLIGHT STUDENT

### Lucy Yang



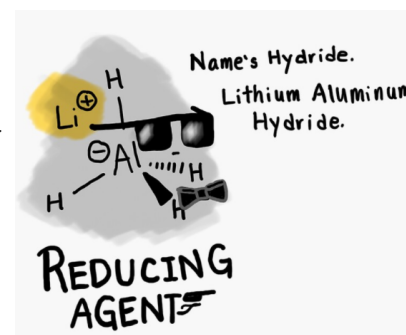
Meet Lucy Yang from Santa Rosa, California. Lucy started her journey at UCI as a Chemistry major and is now a third-year Biochemistry double major. After graduating, Lucy plans on continuing her studies in medicinal and pharmaceutical chemistry either as a PhD student or an MD/PhD dual degree student. Looking far into the future she hopes to become a professor who leads her own research lab, working on some aspect of pharmacological science.

Lucy's favorite thing about UCI is the professors. Although, all of the great food places around UCI do come in as a close second. Her professors have inspired her, have helped her through slumps, and clearly are both knowledgeable and passionate about their subjects—which makes learning hard topics seem easier.

She is a UROP and SURP Fellow, and had the honor of receiving the CRC Press Freshman Chemistry Achievement Award from the Chemistry department last year. She is an undergraduate researcher in Professor Andrej Lupták's lab in the Departments of Chemistry, Molecular Biology/Biochemistry, and Pharmaceutical Sciences. The lab's main research focuses on studying the functions of catalytic RNA molecules known as ribozymes. Her project is on quantifying the kinetics of a ribozyme capable of acting as an RNA Polymerase. It's a really exciting project in the field of Origins of Life and the RNA world hypothesis.

Outside of classes, Lucy is very involved on campus. She is currently Secretary of the Chemistry Club, and on the Media and Marketing Committee of the An Lành Free Clinic Project. She is also involved in ACTS College Ministry, and works as a Writing Peer Tutor with the Writing Center. This quarter, she will also be a Learning Assistant for Professor King's organic chemistry classes. For her, the best way for students to get involved on campus is to join clubs. Join clubs related to your major, related to your professional interests, and also join clubs related to your hobbies and personal interests. You will not only meet amazing people with similar interests and goals, you will also find a community where you can pursue those said interests and goals together.

In her free time Lucy enjoys reading, writing, listening to musicals, and watching figure skating. To destress she usually plays the piano. During quarantine, she took up an interest in cartooning and started a Redbubble Shop, KawaiiChemist, where she sells cartoons that are almost all chemistry-related puns.



Lucy's biggest piece of advice for being a successful ant eater is self discipline. Keeping track of overlapping deadlines and obligations is important and sometimes you may have to say no to an outing or hangout in order to get your work done. During online classes, it is crucial that you set out allowed time and make sure your phone isn't an easily accessible distraction. In addition, don't be scared to ask for help from professors and your TAs during office hours. Not only will you learn, you will be building mentor/mentee relationships. Congratulations Lucy! We know you will continue to do great things at UCI and beyond!