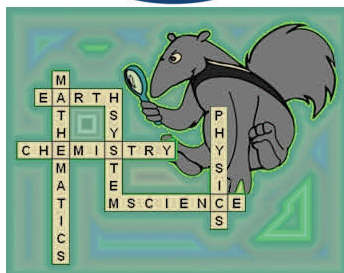


# PHYSICAL SCIENCES QUARTERLY

FALL 2012 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 [facebook](http://www.facebook.com/UCI.PhysSci)  
<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.



### In this issue...

- Like us on Facebook! [facebook](#)
  - New Student UCI Gmail
  - Hopeline Cellphone Drive
  - Mentor Program
  - New Math & Biology Minor and Specialization
  - Math, Chem and Physics clubs
  - Tutoring Info
- ...and much, much more!

## IMPORTANT FALL QUARTER DATES:

- Sept 27** - Instruction begins
- Oct 12** - Deadline to drop a class without dean's approval using WebReg (5pm)
- Oct 19** - Deadline to add a class without dean's approval using WebReg (5pm)
- Nov 12** - Veteran's Day
- Nov 22-23** - Thanksgiving Holiday
- Dec 7** - Last day of classes
- Dec 8 - 14** - Final Exams
- Dec 17–Jan 1** - Winter Break

## ADD/DROP POLICIES

**\*\*DROP:** The deadline to drop courses in the School of Physical Sciences is the end of Week 2 by 5:00PM. 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.

**\*\*ADD:** The deadline to add courses in the School of Physical Sciences is the end of Week 3 by 5:00PM. Adds 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:**

**CHEMISTRY ADD:** The deadline to add courses in the Department of Chemistry without permission using WebReg is the end of Week 2 by 5:00PM. **Please NOTE: This deadline is earlier than the School of Physical Sciences week 3 deadline.** Send an email to [undergrad@chem.ps.uci.edu](mailto:undergrad@chem.ps.uci.edu) for approval to add a chemistry course during week 3.

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

## 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>

Online student registration period in the Mentor Program is **October 8–26, 2012**  
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](#), [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](http://www.dice.com) and search "physics", [AIP Careers](#), [APS Careers](#), [SPS 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 Career](#), [ACS Careers](#)
- **EES** 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. EES career information can be found at: [AGI Careers](#), [AGU Careers](#), [GSA Careers](#)

## NEW MATH AND BIOLOGY SPECIALIZATION AND MINOR

Interested in math AND biology?

Math majors, there is a **new 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!

**iCAMP** <http://math.uci.edu/~icamp/>

- Math 77 A-B-C-D are new courses this year offered by iCAMP starting this Winter 2013
- iCAMP provides an opportunity for first and second year students to learn about a topic in computational applied mathematics, get early research experience and explore what it is like to work as a professional in computational applied math.
- All majors welcome but Math 2A, Math 2B and ICS/CSE 21 are required for iCAMP
- Students who have completed a Math77 course may apply for a paid summer research position.



## ANTEATERS MATHEMATICS CLUB

The Anteaters Mathematics Club (AMC) is really growing this year! The club meets every Monday from 5:00–6:00pm in Rowland Hall 306. We alternate weeks with exciting mathematics talks by faculty and fun, social, math related events. All math enthusiasts are welcome!

AMC is a student-initiated academic group dedicated to serving the needs and interests of all students interested in mathematics. The goal of AMC is to build strong mathematics student community at UC Irvine. AMC provides opportunities for students to explore areas of mathematics outside the classroom, enhance inter-student communication and co-operation and begin preparing for future careers in mathematics. Some of activities include: Undergraduate Mathematics Colloquiums, Workshops on careers, graduate schools, and undergrad research, as well as peer networking/advising sessions, volunteer opportunities, and more.

You do NOT need to be a math major to join AMC! Anyone who is passionate about mathematics is welcome. If you have any questions or comments about AMC, you can contact the faculty coordinator, Dr. Sarah Eichhorn, at [sfrey@math.uci.edu](mailto:sfrey@math.uci.edu).

Website: <http://www.math.uci.edu/math-majors/anteater-mathematics-club>

Facebook Group:

<http://www.facebook.com/home.php?ref=home#/group.php?gid=8994248324>



Club members enjoying a mathematics talk on "Finite Markov chains"

## SOCIETY OF PHYSICS STUDENTS

At UCI, the Society of Physics Students, or SPS, is a primarily undergraduate student organization set up for the purpose of promoting the study of physics, assisting students studying physics, providing career guidance to physics students, and presenting research opportunities in the physics department.

To achieve these goals, SPS conducts demonstrations and organizes events to help students to develop interest in studying physics, provides a place of study to members (Frederick Reines Hall, Room 2137), and offers access to instructors and researchers in the physics department, in addition to providing a group of fellow physics students to discuss and assist in the study of physics.

The Society of Physics Students (SPS) is a community for students interested in physics and related fields. For more information, go to <http://www.physics.uci.edu/~sps/> or visit the SPS room (FRH 2137).

The *Astronomy Club* meets regularly. Explore the Universe with them: <http://www.physics.uci.edu/~astroclb/>

## CAL TEACH CLUB



The Cal Teach Club was established as a UCI campus club in Fall of 2008. The club is a network of students geared towards providing resources for students interested in becoming future math and science teachers. The club is connected with the Cal teach Program and provides a smaller community to learn of opportunities in a social setting of peers with the same interests.

The Cal Teach Club meets from 6:00 pm–7:30 pm every odd Wednesdays in Rowland Hall 190. Visit <https://sites.google.com/site/calteachclub/> for more information on the UCI Cal Teach Club!

For more information on the Cal Teach Program, please visit: <http://www.gse.uci.edu/calteach/>

## 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. These past quarters, our club has been privileged to have Chemistry professors such as Dr. Penner and Dr. Luptak to talk about their research. Dr. Taagepera did a food demonstration in one of our meetings. We also had a panel of graduate students where undergraduates had the opportunity to ask questions about how to get into and what its like to be in graduate school. In the past, we have been part of the Wayzgoose Festival in Aldrich Park and the Discover UCI Day on Ring Road. Also, chemistry demonstrations were conducted to middle school students to get them excited about science!

Our club looks forward to having more exciting events such as inviting more professors to come and to talk, doing hands-on demos, and a field trip to the nuclear reactor located at UCI.

<http://www.clubs.uci.edu/acssa/>



# Free Tutoring:

CHEMISTRY -

<http://www.chem.uci.edu/undergrad/tutors/>

PHYSICS -

<http://www.physics.uci.edu/NEW/affairs.shtml>

MATHEMATICS -

<http://www.math.uci.edu/undergrad-courses/tutoring-assistance>



## NEW STUDENT UCI GMAIL

New students beginning fall 2012 are now using UCI Google Apps Gmail. Continuing students who have WebMail can switch to Gmail by visiting this website and following the instructions:

<http://google.uci.edu/students.html>

## 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!

Bianca.....[bjaquez@uci.edu](mailto:bjaquez@uci.edu)

Miguel.....[mndiaz@uci.edu](mailto:mndiaz@uci.edu)

Joy.....[jbtsai@uci.edu](mailto:jbtsai@uci.edu)



**BIANCA**



**MIGUEL**



**JOY**



Questions?... Please contact a Peer Academic Advisor or Academic Counselor at 949-824-6507, or [pssazot@uci.edu](mailto: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 9-4:00.