College of Science News

Students: Showcase your work at the

Annual Research Symposium

May 25, 2018

We are pleased to announce the 13th Annual Science Research Symposium, highlighting undergraduate and graduate student research projects. Be a part of this celebration of student research.

Deadline for Abstract & Poster: **May 10**

Location: Building 8 Quad

Date: Friday, May 25, 2018

Time: 12:00 - 2:00 p.m.

Lunch will be served and family members are welcome and encouraged to attend.

The Science Council Supports
Campus Clubs and More
The current president Lizzeth Acuna (pictured left) made Science Week a focus of her administration.

The primary mission of the Science Council is to provide the resources and support needed for science clubs to grow and thrive at Cal Poly Pomona. There are currently 26 clubs in the College of Science. The council allocates funds which are provided by ASI to the clubs for their operating expenses. The Science Council promotes club events and also encourages clubs to participate in Science Council activities such as community service events, social events and collaborations with other councils on campus. Once a month the council meets with club leaders.

Want to find a science club that interests you? Visit: Science Clubs. Or if you’d like to start a new club, visit the Office of Student Life and Cultural Centers website.

Research into Food’s Effect on Circadian Rhythms May Have Uncovered a “Fat Switch”

At Cal Poly Pomona a new National Institutes of Health (NIH) SCORE grant is helping to answer the question, “What makes our internal clock tick?” The grant will support research into how food may affect circadian rhythms. Much research has been done on how light impacts our biological clock but the research being done at Cal Poly Pomona is looking at the connection between the timing of meals and wakeful activity. The term food anticipatory activity (FAA) describes the wakefulness and activity that animals exhibit in anticipation of scheduled meals. Mice show FAA even when their meal schedule is modified to take place during normal sleeping hours suggesting that food as well as light affects circadian rhythm.

Undergrads get Experience with Big Data Security Thanks to NSF REU Grant

Assistant Professor of Computer Science Tingting Chen acquired a National Science Foundation (NSF) grant which allows Cal Poly Pomona to provide research experience for undergraduates (REU) over the summer. She will also serve as the REU site coordinator. In addition to Chen, Associate Professors Mohammad Husain and Ronald E. Pike will serve as faculty advisors.
Faculty Achievements

Professor Jill Adler, Department of Biological Sciences, was recognized as a Woman of Distinction for 2018 by the 41st congressional District.

Professor Jennifer Switkes, Department of Math and Statistics, received a Distinguished Teaching Award from the Mathematics Association of America, Southern California-Nevada Section.

Associate Professor Michael Page, Department of Chemistry and Biochemistry, was named Diversity Champion by the Black Faculty and Staff Association.

Associate Professor Robin Wilson, Department of Mathematics and Statistics was honored during black history month by the Network of Minorities in Mathematical Sciences.

Student Achievements

Student Research, Scholarship, and Creative Activities Conference (RSCA) on March 2, 2018.

Out of 200 presentations, 66 were from College of Science Students giving us a very strong presence there.

The following projects were chosen to represent Cal Poly Pomona at the CSU Research Competition:

- “The Transpacific Species Berthella Californica is a Species Complex” - Hessam
"Aerosolized Liposomal Amphotericin B (AmBisome) Maintains Antifungal Drug Concentrations in Lungs for up to Five Days Post-Treatment" - Janam Dave, Biological Sciences, biotechnology and chemical engineering

"A Sensitive Method for Aging Stellar Birthplaces" - Evan Nuñez (pictured above, right) Physics and Astronomy

New Grants

Andrew Steele, Assistant Professor of Biological Sciences. Investigating dopaminergic neuronal circuits mediating circadian entrainment to scheduled feeding, National Institute Of General Medical Sciences/National Institutes of Health (02/13/2018 – 01/31/2022)

Tingting Chen, Assistant Professor of Computer Science, Director of SEES. National Science Foundation REU (2/12/2018 - 1/31/2021)

Faculty Awarded Research, Scholarship and Creative Activity (RSCA) Mini-Grants

Professor, Angel Valdez – Biological Sciences
Professor, Jascha Polet – Geological Sciences
Assistant Professor, Ben Steichen – Computer Science
Assistant Professor, Tingting Chen – Computer Science

Support the College of Science

New Publications

If you have a recent publication that is not included, please let us know so that it can be listed in next month’s newsletter! email: djgriggs@cpp.edu


In The News

The Department of Chemistry and Biochemistry’s New X-Ray Diffractometer (XRD) and Crystallography Co-op are Featured in PolyCentric
IMPORTANT UPCOMING DATES
March 12-16: Winter 2018 Finals
March 16 - April 2: Add/Drop Period
March 19-23: Spring Break!
March 26: Spring 2018 classes begin
March 30: Holiday - campus closed
April 2: Last day to drop without receiving a "W"

Make the Advising Center your first stop for any of your academic needs! Drop by our office in Building 3, Room 1645 today to get your questions answered!

Feel free to call 909-979-5654 or email sci_advising@cpp.edu

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