Welcome Message from the Dean

Welcome to our first semester at Cal Poly Pomona!

To start off the fall term, we recently held our annual Fall Conference to welcome staff and faculty (view the presentation here). We highlighted our new faculty and staff hires, recognition and awards for faculty/staff, departmental accomplishments, and discussed planning for the upcoming year.

For the students joining us this fall, I invite you to take advantage of everything the College of Science (CoS) has to offer. Visit our website and follow us on social media for important updates. Consider joining one of our more than 25 CoS clubs. Also, the Advising Center, located on the first floor of building 3, is here to help ensure that your path to graduation is a smooth one.

At Cal Poly Pomona our vision is to inspire creativity, discovery and innovation. As you may have noticed, “Discovery” is the name of our newsletter and annual magazine. Our CoS community is engaged in scientific inquiry because we’re curious about the world around us and that inquiry often leads to discovery. The College of Science is a dynamic community where intellectual pursuits are valued, questions are asked, discoveries are made, and ideas are born.

Welcome to the 2018 fall semester in the College of Science!

Check out our annual Discovery magazine!
Student Highlights

GenCyber

Tales of Russian election hacking and credit-data leaks remind us of the importance of data security. Some studies estimate that the shortage of cyber security professionals in the U.S. may be as high as 600,000. GenCyber camps are aimed at addressing that shortage. Secondary goals are to educate students about safe online behavior and to improve teaching methods in the field.

Read More

Student Benjamin Soto, Biological Sciences, was named one of the Sally Cassanova California Pre-Doctoral Scholars for 2018-2019. Out of 304 applicants only 75 were chosen to receive this honor. Soto’s faculty mentor is Professor Nancy Buckley.

Alumnus Fabricio Monterroso ('18, Applied Mathematics and Statistics) was named Veteran of the Year for the city of Pomona.

Faculty Highlights

Cal Poly Pomona has PASSION for Student Success

Cal Poly Pomona has received a $1.5 million grant from the National Science Foundation (NSF) for Hispanic-Serving Institutions to increase retention and graduation for students in Science, Technology, Engineering and Mathematics (STEM).

Read More

Jeremy Claisse, Assistant Professor, Biological Sciences, Spoke on Artificial Reefs at the State Capitol

Claisse was part of a legislative briefing hosted by the CSU Council on Ocean Affairs, Science & Technology (COAST). He spoke about artificial reefs established for the purpose of restoration.

Greg Barding, Katie McCulloch, and Francis Flores Attended the
National Meeting of the American Chemical Society

They represented the Department of Chemistry and Biochemistry at the career fair where they were recruiting graduate students and organic chemistry faculty.

New Grants

**Greg Barding (Co-PI)** Assistant Professor, Chemistry and Biochemistry. **Ondieki Gekara** (PI, Animal and Veterinary Sciences), **Mohammad Chachi** (Co-PI, Plant Sciences), **Cord Brundage** (Co-PI, Animal and Veterinary Sciences) Enhancing Research Skills of Underrepresented Students: Summer Research Experience, USDA NIFA-NLGCA (Oct. 2018 - Sept. 2021)

**Paul Beardsley (PI)** Associate Professor, Biological Sciences. Co-PI's: **Arlo Caine**, Department of Mathematics and Statistics, **Angela Shih** (College of Engineering), **Viviane Seyranian** (College of Letters, Arts and Social Sciences), **Victoria Bhavsar** (Director of the Faculty Center for Professional Development), Building Capacity: Polytechnic for All: STEM Undergraduate Success via an Inclusive Institution, National Science Foundation (Oct. 1, 2018 - Sept. 23, 2023)

**Juanita Jellyman, (PI)** Assistant Professor, Biological Sciences, Co-PI's: **Cord Brundage** (Animal and Veterinary Sciences) **Robert Talmadge**, Professor, Biological Sciences, **Andrew Steele**, Assistant Professor, Biological Sciences, Optimizing Feeding Schedules in Cows: An Examination of Feeding Behavioral Activity, Growth Performance, and Physiology, Agricultural Research Institute

**Alex John, Assistant Professor, Chemistry and Biochemistry.** RUI: Evaluation of Ligand Effects in Molybdenum, National Science Foundation (Sept. 1, 2018 - Aug. 31 2021)


**Erin Questad, (PI)** Associate Professor, Biological Sciences, **E. Natasha Stavros, JPL**, Novel methods for post-fire restoration and management in California wildlands, Agricultural Research Institute

**Bharti Sharma, (PI)** Assistant Professor, Biological Sciences, **Valerie Mellano** (Co-PI, Chair/Professor, College of Agriculture) Understanding the Genetic Basis of Floral Organ Dehiscence in Columbine for Horticultural Purposes, Agricultural Research Institute (2018 - 2019)

**Peng Sun, Assistant Professor, Chemistry and Biochemistry,** Study of the Mechanism of the Toxicity of Silver Nanoparticles on E. Coli, Strategic Interdisciplinary Research Grant Program (SIRG) 2018-2019

**Yu Sun, (Co-PI)** Assistant Professor, Computer Science, **Olukemi Sawyer Eke, Sadiq Shah, Winny Dong,** I-Corps Sites: Type I - Cal Poly Pomona I-Corps Site, National Science Foundation (Oct. 1, 2018 - Sept. 30, 2023)

**Robert Talmadge**, Professor, Biological Sciences. Primary Myopathy in Huntington’s Disease, Wright State University/National Institute of Health (July 1, 2018 - June 30, 2021)
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


Spring 2018 Staff Recognition Award

Margaret Lau, Budget Analyst in the dean's office, received the Spring 2018 Staff Recognition Award.

Margaret is invaluable to the college because of her ability to analyze and interpret finance and accounting data, prepare clear, accurate financial reports for management, and solve complex problems.

Margaret is eager to assist anyone who needs her help and works effectively with management, staff, faculty, and students.

Staff & Faculty Service Awards

35 Years
Alan Krinik - Professor, Mathematics and Statistics
Thanh Nguyen – Lecturer, Computer Science

30 Years
Jeffrey Buddy Garland – Lecturer, Mathematics and Statistics
Joelle Opotowsky – Lecturer, Chemistry and Biochemistry
Reminder About Intent-to-Submit for Upcoming External Proposals "3-2-1"

PI's are expected to submit their Intent-to-Submit form to ORSP for external proposals at least 3 weeks prior to the deadline (one month is preferred).

See: INTENT TO SUBMIT A PROPOSAL

PI's should then meet with Associate Dean Craig LaMunyon and also their assigned associate in ORSP at least 2 weeks prior to the deadline.

That will then allow time for the approved budget & justification to be reviewed by all parties before uploading into Cayuse at least 1 week prior to the proposal deadline. The proposal is then routed to all parties for approval during the next few days. Co-PI's should also notify the dean's office of impending proposals since any budgets involving College of Science faculty will need to be approved in Cayuse.
In The News

Professor Emeritus Jill Adler-Moore, Biological Sciences, is profiled on the CSU Website.

Associate Professor, Biological Sciences, Erin Questad discusses forest restoration after fire on Science Friday and KPCC - Take Two.

Professor, Chemistry and Biochemistry, Rakesh Mogul is interviewed on German Public Radio about bacteria that eats cleaning products in NASA clean rooms. Rakesh Mogul is quoted in Atlas Obscura.

Associate Professor, Chemistry and Biochemistry, Michael Page's research on high school chemistry education is highlighted in this article in Education in Chemistry.

College of Science Advising Center

IMPORTANT UPCOMING DATES

Sept. 6: Last day to drop classes without receiving a "W"
Sept. 7: Last day for incoming students to apply to pledge program for fall 2018
Oct. 1: 2/4 year pledge spring 2019 priority registration planners due/submit updated MyPlanners
Oct. 5: Advising holds will be placed for spring 2019 registration
Oct. 8: Advising period for spring 2019 begins
Oct. 17-18: Priority registration
Oct. 22: General registration begins
Oct. 22: Last day to apply for fall 2018 graduation online

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

Follow us on social media cpp_science