Stressed Out? Attend This Lecture:

From Stress and Anxiety to Resilience and Success

Alane Daugherty (right) will present "From Stress and Anxiety to Resilience and Success." It's the inaugural lecture in the Love Button Lecture Series that will support the psycho-social needs of university students.

Daugherty is co-founder of the university's Mind and Heart Research Lab.

Attendees will learn how to rewire their stress response and experience life from a state of calm and connectedness.

The lecture will be presented twice on February 5, 2019. Once from 12:00-12:45 in BSC, Ursa Minor and an encore presentation from 7:30-8:30 in BSC, Ursa Major. The lectures are free, and open to all. Light refreshments will be provided.

The Love Button Lecture Series is funded by an endowment from the Love Button Global Movement Integrative Research and Outreach Program. Love Button was founded by alumnus Dr. Habib Sadeghi (91', microbiology) and his wife Dr. Sherry Sami.

Register Now

Attention Students:

Please be aware that the start date for adds/drops is January 2, 2019.
Undergraduates - now is a great time to visit the Advising Center and ask any questions you may have. We're here to support you!

Visit us during advising hours.

Building 3, room 1645.

Lockheed Martin Announces new STEM Scholarship

Beginning in 2019 the company will award 200 scholarships of $10,000 per student – renewable each year. The program will continue to add up to 200 new recipients each year for a minimum total investment of $30 million over five years. Lockheed Martin internship opportunities will be available for students beginning their sophomore year of college, and mentorships will also be built into the program. For information on eligibility visit the Lockheed Martin website.

2019 RSCA Conference

The CPP Student Research, Scholarship, and Creative Activities (RSCA) Conference will be held on Friday, March 1st, 2019. In addition to oral, performance, and poster presentations, there will be a creative works showcase highlighting art and design projects. Oral and performance presentations will be eligible to compete for nomination to represent CPP at the CSU System-Wide Research Competition in April 2019. Application deadline is January 30, 2019. Visit the RSCA website for more information.

The 2018 College of Science President's Scholars

What do the medicinal properties of garlic, autonomous vehicles, and research on a potential delivery method for a herpes vaccine have in common? These are the research areas that our three College of Science President's Scholars are engaged in.

Read More

NSF MRI Grant Increases High Performance Computing Capabilities on Campus

We live in a world of big data made possible by advances in computer technology and the internet. The access to more data provides more
opportunities for research but also creates more challenges. The primary challenge is the storage and management of large data sets. Speed is also a factor as research projects can take days or weeks to run on personal computers.

Student Highlights

Chemistry Students Help Those in Need

Organic chemistry students joined the Brother’s Movement (BroMo) club to collect canned foods and socks for those in need this holiday.

Over 1500 cans and 300 pairs of socks were collected and delivered to a local church in Pomona and handed out to over 60 apartments.

The Science Council Supports the BSC Food Pantry

The Science Council and science clubs held a canned food drive to help students in need. The food went to the BSC Food Pantry which is a resource for students experiencing food insecurity.

Faculty Highlights

New Genome Provides a Valuable Resource for Researchers

Assistant Professor Andrea Bonisoli Alquati, biological sciences, participated in the sequencing of a genome of the barn swallow (Hirundo rustica rustica). Bonisoli Alquati and a team from University of Milan used single molecule real time (SMRT) sequencing performed at the Functional Genomics Center in Zurich. The new sequencing technology allows for reading longer sequences which improves accuracy.

The genome is important because the barn swallow has long been a model species for the study of sexual selection and migration. Bonisoli Alquati’s work focuses on the effects of radiation and other contaminants on genes, and the barn swallow genome will provide an excellent reference point to assess mutations.
Chemistry and Biochemistry Department Chair
Lisa Alex Receives the George P. Hart Award

The George P. Hart Award recognizes outstanding faculty leadership. The award committee acknowledges Alex's contributions to the RTP and lecturer review processes, facility and equipment improvements and leading the department through semester conversion. Alex, who joined the college in 1998, has also served on the Academic Senate for 13 years, has served as faculty advisor to the Science Council, received ASI honorary lifetime membership and was appointed as a Presidential Fellow on the University Strategic Planning Committee. She enjoys teaching biochemistry, molecular biology, and general chemistry.

Chemistry and CEMaST Professor Jodye Selco and her Modeling of Fundamentals of Physical Chemistry class will be featured on the 2019 Wall of Cool. The wall is a web page celebrating exemplary technology-infused and enhanced course development that supports student success.

Staff Highlights

College of Science Golden Pearls Step into the Winners Circle

The Golden Pearls team led by Pearl Viggers won the campus-wide Steps for Staff competition, logging a combined total of 5,185,852 steps.

Steps for Staff is a Staff Council initiative to encourage staff to move for 15-30 minutes during the day. The Staff Council will send a team to the Dec. 8 Arthritis Foundation Jingle Bell Run. Visit the Staff Council website for more information on Steps for Staff.

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


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**News**

**Senator Ling Ling Chang Visits the College of Science**

State Senator Ling Ling Chang, 29th District, (Center) visited the campus on November 8. After attending the CPP Veterans Day event she took a tour of two chemistry labs with Chemistry Department Chair Lisa Alex (left) and Dean Alison Baski (right). Senator Chang also visited the College of Engineering.

**Support the College of Science**

**College of Science Advising Center**

**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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**IMPORTANT UPCOMING DATES**

- **Dec. 6**: Spring 2019 fees due
- **Dec. 10-16**: Fall 2018 finals
- **Dec. 21 - Jan. 15**: Winter break
- **Jan. 2**: Add/Drop period for Spring 2019 begins
- **Jan. 19**: Spring semester classes begin