

# January-February 2022



Welcome to Spring 2022 Semester!

While we planned for a semester with primarily in-person instruction and activities, recent developments with the Omicron variant caused a change in those plans. Spring semester will be virtual until February 12 when in-person classes are planned to begin.

For questions about campus mask and [vaccination policies](#), please visit the university's [Safer Return webpage](#) for the latest information on the campus's health and safety plan.

The COVID-19 pandemic brought loss and challenges to our campus community. We continue to meet those challenges. Our College of Science community remains strong and I encourage everyone to take advantage of virtual events and activities to get to know fellow students, and become better acquainted with faculty, and staff.

It's more important than ever to stay connected with the CoS - through this newsletter, our [website](#), and by following us on social media @cpp\_science for important updates. Students should also consider joining one of our more than [30 CoS clubs](#). Lastly, remember that the CoS [Advising Center](#) is here to support you on your path to graduation!

Sincerely,

Alison Baski  
Dean, College of Science

## NIH Grant Funds Bridges to Ph.D.

CPP College of Science has teamed up with UC Riverside to provide more opportunities for underrepresented minorities (URM) to pursue Ph.D.s in biomedical research. The NIH will provide \$1.5M in funding over five years.

**Read More**



## College of Science Clubs

Would you like to make new friends and practice your leadership and teamwork skills? Consider joining a College of Science (CoS) club. There are over 30 to choose from. Clubs offer opportunities to join a supportive community, participate in fun events, learn more about your career, network, and take a break from studies.

The Science Council, which oversees all CoS clubs has events too. They're having a **Spring Club Fair** where you can learn more about CoS clubs on January 27 during U-hour 12-1 and January 28 from 4pm-5pm here: <https://tinyurl.com/SCSpringCF>

**Science Week**, March 7-11 is a joint effort of Science Council and CoS clubs. It's a series of events celebrating science. The events are open to all CPP students.

## Events

### HOW TO GET THE JOB YOU WANT: READY, AIM, HIRED!

FEBRUARY 8, 12:00-12:50 P.M.  
This event will prepare you for the March 1st Career Fair

Join us to learn how to prepare a winning resume, get tips on interviewing, and finding the right job for you



Ed Venegas  
Career Center



Renee Jordan  
Ph.D., Class of 1989  
Senior Relationship Manager, Corporate  
IT, AIA-Tenax Corporation



Nidre Heckman  
Chemistry, Class of 1999  
Director of Regulatory Affairs Strategy, CMC -  
Medical Devices, Combination Products at Takeda



Jeffrey Eppink  
Earth Sciences, Class of 1979  
President & Founder  
Enege, LLC

Learn how to apply for and get the job you want!

Register Now: [bit.ly/getjobyouwant](http://bit.ly/getjobyouwant)

### How to Get the Job You Want: Ready, Aim, Hired!

Tuesday, February 8, 2022

Join us to learn how to prepare a winning resume. Get tips on interviewing, and finding the right job for you. You'll hear directly from STEM employers like ProLacta Bioscience, Dean's Circle members from industry, and Ed Venegas from the CPP Career Center. This event will prepare you for the March 1st virtual CPP Career Fair.

Students interested in having their resumes reviewed by Dean's Circle members (this is apart from the event) send your resume to CoS Career Center Representative, Ed Venegas: [evenegas@cpp.edu](mailto:evenegas@cpp.edu)

**REGISTER FOR EVENT**

**Science Council Hosts Virtual Anime Trivia Night for Science Students**

**Science Council**  
**VIRTUAL ANIME TRIVIA NIGHT**  
 FRIDAY, FEBRUARY 18TH  
 7:00 - 9:00 PM  
 RSVP by Feb. 11th  
<https://tinyurl.com/SCAnimeTrivia>

**WIN PRIZES!!**

PRIZES PER TEAM MEMBER  
 (up to 4 team members)

1ST PLACE	\$40
2ND PLACE	\$25
3RD PLACE	\$10

Friday, February 18, 2022

7:00-9:00 p.m.

Students should RSVP by Feb. 11.

**RSVP NOW**

CalPoly Pomona Office of Undergraduate Research  
 10<sup>th</sup> Annual Student  
 Research, Scholarship, and  
 Creative Activities Conference  
 Friday, March 4, 2022  
 —and—  
 Saturday, March 5, 2022  
[bit.ly/RSCA-OUR](http://bit.ly/RSCA-OUR)  
 RSCA

**10th Annual Research, Scholarship, and Creative Activities Conference**

**March 4 & 5, 2022**

An opportunity for undergraduate and graduate students to share their research. All disciplines are represented.

Students who participate in RSCA have the opportunity to be chosen to represent CPP in the CSU-wide competition.

Applications Due: February 2, 2022

**APPLY NOW**



**Professor for a Day: Alumni Career Panels - March 7-11**

The Professor for a Day week brings alumni together (grouped by discipline) to share their career experience and advice with current students.

These panels are great opportunities for students to learn about career options and network with alumni. Times and details coming soon. Check your email.

**Learn More**

**College of Science Lecture Series**

**March 14, 2022, 4:00-5:00 p.m.**

**Mathematics, Context, and Fair Redistricting: How Mathematics Can Detect and Prevent Gerrymandering in Colorado and Beyond**

Beth Malmskog



CalPolyPomona  
College of Science

Assistant Professor of Mathematics & Computer  
Science, Colorado College

**REGISTER NOW**

## College of Science Lecture Series

Showcasing Excellence  
and Diversity in  
Scientific Research

## News



### CPP Wins Collegiate Penetration Testing Competition

15 universities participated in the cybersecurity competition finals, January 6-9. The teams broke into fictitious business networks, noted the security weaknesses, and proposed plans to fix the security issues. Technology for running the scenarios was provided by the Global Security Institute at Rochester Institute of Technology.

The competition started in October with 100 schools across 8 global regions and is narrowed down to 15 finalists. While CPP has placed in the competition several years, this was our first win.

The CPP team included CS majors Dylan Tran, Gabriel Fok, and team captain Nathan Eberhardt. Additional participants from the College of Business Administration were CIS

## **Associate Professor Nicholas Van Buer Walks 510-Miles Through Mojave Desert to Raise Interest in Geological Sciences**

Van Buer kicked off his trip on January 24 at the Mexican border and will take about 35 days to reach Olancho, CA. Van Buer's sabbatical trip includes collecting rock samples, and producing a series of educational videos. "I don't think anyone has done a trip like this on foot in 150 years. I've always wanted to do something like this," said Van Buer. He was interviewed by [TV station KYMA](#). A link to the interview will be shared when available.



[SEE VIDEO](#)

## **Kinesiology and Health Promotion Faculty Alane Daugherty Published in Psychology Today**

Alane Daugherty, who is cofounder of the [Mind and Heart Research Lab](#) at CPP is a regular contributor to Psychology Today. Her most recent article is "The Science of Novelty: How new solutions to old problems can improve your mental health."



[READ ARTICLE](#)

## **Assistant Professor Zakkoyya Lewis-Trammel Featured in Wall Street Journal**

Zakkoyya Lewis-Trammel, from the Department of Kinesiology and Health Promotion, has been researching wearable fitness devices. Lewis-Trammel was featured in our [June/July newsletter](#). The Wall Street Journal tapped her expertise for two articles: "[Which Fitness Tracker Is Best For You? Apple Watch vs. Fitbit vs. Oura vs. Garmin vs. Whoop](#)" on December 5, 2021, and "[The Best Fitness](#)

**Apps for Working Out at Home**" on January 9, 2022.



## Scholarships are Available

There are over 300 scholarships available at CPP. The application cycle runs from October 1 through March 2. Visit the [scholarship page](#) or the [Bronco Scholarship Portal](#) for more information.

### **There are several new scholarships in the College of Science:**

[Peter Castro Evolution and Biodiversity](#), [Dr. Jill-Adler Moore Memorial](#) and [Dr. Larry Moore Biotechnology](#), [Pathway to Success](#), [Biological Science](#), [Dr. Lynne Emery Memorial Kinesiology and Health Promotion](#), [John and Mary O'Neil Mathematics](#), [Dr. Kamta Rai Statistics](#).



## Internship Opportunities

### **UCLA Public Health Scholars Training Program**

The UCLA Public Health Scholars Training Program is a CDC funded workforce development program aimed at exposing **undergraduate** students to the field of public health with the goal of increasing diversity of the public health workforce. This is a **paid** internship, with students receiving housing and stipends.



# Interested in exploring Public Health?

JOIN US AS WE TRAIN THE NEXT GENERATION OF PUBLIC LEADERS

### Applications Open

November 1, 2021- January 31, 2022

<https://www.uclaphscholars.org/>

Take a picture of our QR Code



Now accepting applications for Summer 2022 until Monday, January 31, 2022.

Visit: <https://www.uclaphscholars.org/>



## TAKE FLIGHT THIS SUMMER WITH THE Student Airborne Science Activation Internship

Program Dates - June 6 to July 29, 2022

The SaSa internship is a NASA Science Activation funded 8-week paid summer program for highly motivated first- and second-year undergraduates. Participants will gain hands-on research experience in all components of an airborne science campaign, including flying onboard a NASA research aircraft to collect land, ocean, and atmospheric measurements. Watch [this video](#) to learn more about our partner institutions and inaugural program.

### Eligibility

- Full-time, rising Sophomore or Junior from a [qualifying institution](#)
- Students interested in STEM & Earth, Ocean, Geoscience, or Atmospheric Sciences
- U.S. citizens, non-citizen nationals, or permanent residents
- Students from underrepresented groups are encouraged to apply

### Benefits

- Paid internship (stipend, housing & travel included)
- Conduct scientific research with university professors & NASA scientists
- Participate in airborne research onboard a NASA aircraft
- Ongoing professional development activities

### Application

- Complete application & statements of interest
- 1-2 letters of recommendation
- Unofficial transcript
- Deadline January 31, 2022**

[Apply here!](#)

Send questions to [arc-sasa@mail.nasa.gov](mailto:arc-sasa@mail.nasa.gov) or visit [www.nasa.gov/sasa](http://www.nasa.gov/sasa)



## The NASA Student Airborne Science Activation (SaSa) Program

Highly motivated first- and second-year undergraduates can apply for an 8-week summer research experience in the D.C., Virginia, and Maryland area. The full-time, paid internship includes a competitive stipend, housing, and travel. 25 participants will gain hands-on research experience in all components of a scientific research campaign, including flying onboard the NASA P-3 research aircraft to collect land, ocean, and atmospheric measurements. Watch [this video](#) to learn more.

**[Apply Now](#)**

**Application deadline is January 31st, 2022.** Email questions to: [arc-sasa@mail.nasa.gov](mailto:arc-sasa@mail.nasa.gov)

## NASA Glenn Research Center - University Day 2022

NASA is accepting [registrations](#) for the University Day virtual student event that will be held on Thursday, February 17, 2022.

University Day provides an opportunity for graduate and undergraduate students to learn



NASA Glenn invites you to attend  
**UNIVERSITY DAY**  
February 17, 2022 at 10am-12pm EDT

**UNDERGRADUATE and GRADUATE STUDENTS**  
Join us virtually to learn about NASA's Internship Program, enjoy the virtual tour a world-class facility, and engage with dynamic speakers. Learn how you can launch your science, engineering, or professional business career through the NASA application system.

Must register with a valid university email address to attend.  
Register at <https://go.nasa.gov/3nkfy36>

[www.nasa.gov](http://www.nasa.gov)

about NASA's Internship program. This engaging event will include details of how to apply for a NASA internship, a virtual tour of a NASA Glenn facility, and a Q&A intern panel with NASA interns and mentors.

**[REGISTER NOW](#)**



**DOD HBCU/MI Summer Research Program**

The Department of Defense (DOD) Historically Black Colleges & Universities and Minority Serving Institutions (HBCU/MI) Summer Research Program is supported by the Office of the Under Secretary of Defense for Research and Engineering/ Research, Technology & Laboratories (OUSD(R&E)/RT&L).

## **DOD HBCU/MI Summer Research Program**

The Department of Defense (DOD) Historically Black Colleges & Universities and Minority-Serving Institutions (HBCU/MI) Summer Research Program is accepting applications for the summer 2022 internship program. The 11-week internship will place students in DOD facilities across the nation, providing the opportunity for travel, experience, and professional contacts in your field. The deadline is February 15.

**[LEARN MORE](#)**

## **Information and Resources**

- **[Science Student Resources](#)**
- **[Science Advising Center Information](#)**
- **[Academic and Student Services Support](#)**
- **[Broncos Care Basic Needs Program](#)**
- **[CPP Vaccination Information](#)**
- **[Faculty Resources From the Center for the Advancement of Faculty Excellence](#)**
- **[Spring 2022 Calendar](#)**

## 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](mailto:djgriggs@cpp.edu)***

1. **Scarpa, L. L.**, Wanken, B., Smidt, M., Mistlberger, R. E., & **Steele, A. D.** (2022). Mice hypomorphic for PITX3 show robust entrainment of circadian behavioral and metabolic rhythms to scheduled feeding. *Cell Reports*, 38(2), 109865. <https://doi.org/10.1016/j.celrep.2021.109865>

2. **Selco, J. I.**, & Habbak, M. (2021). Stem students' perceptions on emergency online learning during the COVID-19 pandemic: Challenges and successes. *Education Sciences*, 11(12), 799. <https://doi.org/10.3390/educsci11120799>

## Grants

**Assistant Professor Cristina Runnalls**, California Math Project, University of California, Office of the President (2021-2022)

Support the College of Science

## College of Science Advising Center

### IMPORTANT UPCOMING DATES

- Jan. 10 - Feb. 4:** Add/drop period  
**Feb. 4:** Last day to drop a class without receiving a "W"  
**Feb. 5-18:** Students may withdraw with a "W" and petition for "WX"  
**Feb. 12:** Spring 2022 in-person classes begin  
**Feb. 19 - Apr. 2:** Students may withdraw for serious and compelling reasons & receive a "W"  
**Feb. 19 - Apr. 2:** Students may withdraw for serious and compelling reasons & receive a "W"  
**Mar. 7 - 8:** Summer 2022 priority registration  
**Mar. 9 - May 8:** Summer 2022 general registration  
**March 18:** Last day to apply for current semester graduation



**CalPolyPomona**

College of Science  
Advising Center

The Science Advising Center is located in Building 3, Room 3-1645

Contact by email at:  
[sci\\_advising@cpp.edu](mailto:sci_advising@cpp.edu)

You can  
[schedule an appointment](#)  
through CPP Connect.



**CalPolyPomona**

College of Science

**Our Mission:**

**Educate, mentor, and inspire students through scientific inquiry  
and hands-on learning**

Follow us on social media: [cpp\\_science](#)

