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.
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!

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

REGISTER FOR EVENT
Friday, February 18, 2022
7:00-9:00 p.m.
Students should RSVP by Feb. 11.

RSVP NOW

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
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 Olancha, 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.

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."

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
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.

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

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 of 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

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.

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


Grants

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

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

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

Contact by email at: sci_advising@cpp.edu

You can schedule an appointment through CPP Connect.
Our Mission:
Educate, mentor, and inspire students through scientific inquiry and hands-on learning

Follow us on social media: cpp_science

Facebook, Twitter, Instagram