Today’s Plan

• Welcome new associate dean & faculty fellows and recognize promoted faculty and awardees

• Spring semester highlights

• Safer Return

• COS Vision & Values

  Fostering curiosity and a culture of scientific discovery
New Associate Dean – Welcome!

Michael Page
Associate Dean
Students and Operations
Faculty Fellows (2021-2022)

Academic Programs

Stephen Osborn
Geological Sciences

Faculty Recruitment & Development

Homeyra Sadaghiani
Physics and Astronomy

Research

Life Sciences

Erin Questad
Biological Sciences

Research

Physical/Mathematical Sciences

Matthew Povich
Physics and Astronomy
Promotion and Tenure

Douglas Durrant
Biological Sciences

Juanita Jellyman
Biological Sciences

Alex John
Chemistry and Biochemistry

Kathryn McCulloch
Chemistry and Biochemistry

Bryan Murray
Geological Sciences

Qing Ryan
Physics and Astronomy
Promotion to Professor

Jayson Smith  
Biological Sciences

Mohammad Husain  
Computer Science

Arlo Caine  
Mathematics and Statistics

Ryan Szypowski  
Mathematics and Statistics
College & Provost’s Awards

Alan Krinik
2020-2021 Ralph W. Ames. Distinguished Research Award
Mathematics and Statistics

Svetlana Stouklova
2020-2021 Distinguished Teaching Award
Physics and Astronomy

Jamie Snyder
2020-2021 Outstanding Faculty Advisor of the Year Award
Biological Sciences

Chantal Stieber
2020-2021 Provost’s Award for Excellence in Scholarly & Creative Activities
Chemistry and Biochemistry

Congratulations!
2020 Staff Awards

Diana Ascencio
Student Services Professional II
Advising Center, Fall 2020

Cidni Griffith
Administrative Support Coordinator II
Mathematics and Statistics, Fall 2020

Desiree Tax
Instructional Support Technician II
Chemistry & Biochemistry, Spring 2020

Yen Phun
Administrative Support Coordinator I
Mathematics & Statistics, Spring 2020

2021 Outstanding Staff Advisor of the Year
Ashley Ysais
Student Services Professional III
Advising Center Coordinator

Congratulations!
Welcome!

- Vaccination, Testing…
- Repopulation of campus
- CSUEU Bargaining
  No GSI 2021
  New contract July ‘22
  GSI, Steps/Inversion
- Staff concerns, please contact Me/Union

Questions?
Welcome all to the New Academic Year!

CSU Budget – FY 2021 – 22:
- The CSU’s base funding increases by 5%. Last year’s $299.1 million cuts is fully restored.
- Chancellor Castro calls the budget to the CSU, ‘historic.’
- CSU receives from Fed Emergency Relief Funds about $2.9 billion in total.

Contract Bargaining update:
- The CSU and CFA signed an MOU of contract extension (to August 31, 2021).
- CFA and CSU management are far apart over economic items at the bargaining table.
- Chancellor Castro publicly praises works of faculty during this global pandemic.
- CSU management team refuses to truly honor our work at the bargaining table.
- It may take hard work collectively to get a fair contract we deserve. Each faculty is able to do something and contribute.

Thanks for all the incredible work to serve the mission of the CSU. We made the impossible possible for the past 18 months. Our work continues. Stay safe and Healthy!
Advising Center

By the numbers

- **2020-2021 academic year** Advised over 5,202 students via email, face-to-face, Zoom, phone. (>1,017 hrs!)
- **Spring 2021 / Summer 2021** Reviewed records of nearly 1,300 incoming students and provided degree progress information to departments

Accomplishments

- Presented at Virtual Region 9 NACADA Conference on Mission, Vision, Core Values
- Zoom workshops on advising topics and career advising
- Partnered with Undocumented Student Services
- Established robust Zoom drop-in hour system – 138 students utilized this new system
- Hired an Administrative Support Assistant, Nicolle Garcia
- Published 22 videos to YouTube channel with >1980 views!
Dr. Jill Adler – is greatly missed (Memorial 8/28/21)

24 peer reviewed papers / 4 NIH and 1 NSF active research grants, + others

NIH Bridges from MS to PhD grant ($1.7 million, 5 years)

BioTrek virtual tours

Diversity, Inclusion, and Equity series

Most international seminar series ever!

New for Fall 2021!

- Partnership with Gilead to offer a drug development course
- Innovative approach to hybrid labs for Fall 2021
Congratulations to Chemistry Faculty

- 2021 Provost Award for Excellence in Scholarly and Creative Activities: Dr. Stieber
- On multiple media: Dr. Mogul
- Grants and Publications: Drs. Anz, Barding, John, (Y) Liu, McCulloch, Mogul, Stieber, Osberger, Page, and Schatschneider
- Retirements: Dr. Alex and Dr. Selco
- Promotions: Dr. John and Dr. McCulloch

Student Success

Week long Axelrad-Goldstein lecture series

Over $43,000 in scholarships

Justin Cortez: 1st Place in CSU Student Research Competition
Computer Science

2021-22
- 14 full time tenure-line faculty, 18 lecturers, 2 staff
- Undergraduate: 1236 (20% female, 36% URM);
  Graduate: 106 (18% female, 27% URM)
- Dr. Husain promotion to Full professor; Dr. Sang’s retirement (31 years)

Highlights
- CS BS program went through ABET accreditation
- Interdisciplinary Minor in Data Science
- CS Supplementary Authorization, collaborative effort with CEMaST and CEU
- External grants:
  - Cybersecurity: ONR, USAF, NSF REU (Husain, Chen); NSA GenCyber (Husain, Sun)
  - Big Data & Cloud: NSF (Husain)
  - Unmanned technology: CSU ARI (Raheja); NSF REU (Raheja, Tang)
  - High Performance Computing: NSF (Ji)
  - Raytheon (Summerville); Northrop Grumman (Tang)
Geological Sciences

Department News (accomplishments between virtual teaching and Covid distractions)

Science on Tap (Osborn), Sabbatical funded (Van Buer), SIRG funded (Marshall); UAV equipment (Polet and Marshall), Associate Professor promotion (Murray), Chair renewal (Nourse); MS Thesis defenses (six students)

Renovation of Lab Rooms (4A-634; 4A-608) (summer 2021)

Before

During

After

Looking forward to Field Work with students again!!
Kinesiology and Health Promotion

- Implementation of strategic doing
  - COVID Chats
  - Speaker Series
  - KHP Equity Committee

- Select grant activities
  - Four SPICE grants (3 funded)
  - Two SIRG grants (both funded)
  - Three NIH grants submitted

- Renovation of Darlene May (41) locker room to create new exercise science laboratory

- Graduate curriculum (core) redesign
- Undergraduate curriculum redesign
  - August 2021 (30 hour retreat)
Mathematics and Statistics
Inclusive Teaching Practices

- Robin Wilson and John Rock -- Bamm!
- Fernando Lopez Garcia -- Global Classroom
- Jill Cannons -- Advanced Gradescope for code
- Stacy Musgrave -- Teaching Experiment
- Arlo Caine -- Faculty Office Hours
- Diversity, Equity and Inclusion Committee
Physics and Astronomy

Accomplishments in 2020-2021

• Svetlana Stouklova received Distinguished Teaching Award!
• Matthew Povich received Provost’s Award for Excellence in Scholarly and Creative Activities
• Several students participated in Edison STEM-NET Student Research award
• Summer Research Startup supported on-campus research during “Transition” 2021 Summer
• Increased number of alumni visits to campus via zoom

Planned work for 2021-2022

• Industry Advisory Board
• Computational lab renovation
• Dr. Jessica Perez, science and engineering educator, joins faculty in CEMaST!

• Dr. Jodye Selco retires and begins FERP. She is now executive editor of *The Clearing House*. They will have a special edition on Teaching and Learning in the Age of COVID.

• Dr. Paul Beardsley reports that 19(!) faculty in CHM and BIO completed the *motivating learners course* funded from NSF PASSION grant. Ten more are enrolled this semester. The course will be offered 3 more times over the next two years!

• Dr. Janel Ortiz published 3 papers, secured a SPICE grant, and successfully taught multiple courses in her first virtual year.
Science Educational Enhancement Services (SEES)

- NSF SPIRES & NSF LSAMP programs – Worksite visits & Western U. collaboration
- Workshop Psychology Series & Professional Development Series with 23-campus CSU LSAMP consortium
- 15 student members accepted to PhD/MS programs for Fall 2021
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Safer Return

**TRAINING and EDUCATION**
Complete the required training by 9/30/21. Keep informed via the Safer Return website.

**VACCINE Requirements and Education**
Upload your vaccination record or request an exemption by 9/30.

**PUBLIC HEALTH TESTING**
Participate in testing. Fully vaccinated students and employees are exempt.

**HEALTH SCREENING**
Complete the health screener prior to coming to campus.

**FACE COVERINGS and PPE**
Face coverings required indoors.

**PREPARING THE PHYSICAL ENVIRONMENT**
Follow campus signage.

**HEALTHY DISTANCING**
Healthy distancing and occupancy limits still recommended.

**EXPOSURE MANAGEMENT PLAN**
Complete the required training by 9/30/21. Keep informed via the Safer Return website.

**COMPLETE the Online Health Screener BEFORE Coming to Campus**
1. Staff/Faculty who learn of a student receiving a positive covid-19 test, being exposed to a positive case, or presenting with symptoms must report to health screener@cpp.edu

2. Incident Investigator will contact student and conduct an investigation by asking questions about their last time on campus, people they had contact with while on campus, symptoms, testing, etc.

3. If the investigator determines that the student needs to isolate or quarantine, they will give clear instructions and ensure that those who need to know are notified.

4. The information gathered during incident investigation is protected health information and stored in an electronic medical record system that is compliant with HIPAA.

https://www.cpp.edu/safer-return/reporting-guide.shtml
College of Science

Our Vision:
Fostering curiosity and a culture of scientific discovery

Our Mission:
Educate, mentor, and inspire students through scientific inquiry and hands-on learning

Our Values:
CURIOSITY
INTEGRITY
COLLABORATION
INCLUSIVITY
INNOVATION
The Courage to Practice

CLIMATE
Observable Behaviors in the organization

CULTURE
Deep Foundations and Expectations

- Trust
- Support
- Values
- History
- Conflict
- Humor
- Risk-Taking
- Beliefs
College Lecture Series

• Showcases excellence in research with diverse scientists who make their work accessible to all disciplines

• Inaugural spring 2021 semester speakers were from biology, physics, and mathematics with over 100 attendees
College Health & Wellness

- Host physical activities and connect & learn events to promote wellness and community across the college

- **First Activity Challenge** (Spring 2021) 
  Over 100 participants on 25 teams completed nearly 300,000 minutes of activity!

- Winning team was *All Pain, No Gain* from KHP with 30,344 minutes
Imagine if every STEM student clearly understood course expectations from the syllabus and knew how to access resources to attain success. What would that look like?

- Seeking 5 to 7 faculty from the Colleges of Science and Engineering to form a Strategic Doing team to work over 4 to 6 months
- Goal is to gain an understanding of student needs, identify exemplars of accessible and inclusive syllabi, and share results in faculty workshops
*NEW* Faculty Recruitment

• Creating a consistent framework
  o New template for position announcement and new faculty search equity group to work with search committees

• Diverse search committee composition
  o Asking committees to include member from outside department

• Importance of student success statement
  o New criteria this year and will be the first step in candidate evaluation

• Timely progression
  o Will be checking in with committee chairs to help track progress
Wrap-up

The Courage to Practice

Our behaviors reflect our values.