



**Skaggs School of Pharmacy
and Pharmaceutical Sciences**

UNIVERSITY OF COLORADO **ANSCHUTZ MEDICAL CAMPUS**

Annual Research Retreat

August 1-2, 2024

Celebrate Research!

Keystone Lodge and Spa
22101 US 6
Keystone, CO 80435
970/496-3715

***Welcome to the Skaggs School of Pharmacy and Pharmaceutical Sciences
Annual Research Retreat***

Return to the Rockies!

THURSDAY, August 1, 2024

Refreshments available before conference starts

10:30 – 10:45 **Introduction and Welcome**

Manisha Patel, PhD

Associate Dean of Research and Graduate Studies

Keynote and Plenary Speakers

Co-Chairs: Kelly Anderson, Dan LaBarbera and Sarah Billups

10:45 – 11:15 **Mariana Social, MD, PhD**

Associate Professor

Johns Hopkins University

Bloomberg School of Public Health

Drug Shortages: Upstream Factors and Policy Solutions

- 11:15 – 11:45 **Kortny Rolston-Duce**
Director of Ecosystem Development
Quantum Computing
Introduction to Quantum Computing and Quantinuum
- 11:45 – 12:15 **Micheal Verneris, MD**
Professor and Translational Science Lead
CU School of Medicine/Gates Institute
Leveraging Chemokines to Guide CAR T Cells to Solid Tumors for Improved Cancer Therapy
- 12:15 -12:45 **Jennifer Trujillo, PharmD**
Associate Dean for Education
Skaggs School of Pharmacy and Pharmaceutical Sciences
Scholarly Teaching and SoTL in Pharmacy Education
- 12:45–1:45 **LUNCH and Poster viewing**
- 1:45 – 3:00 **Breakout sessions**
- 1) Students Career Panel– *Suns Room (2nd Floor)*
Moderated by David Kroll, PhD and Student Leaders
- a. **David Tabano**
Principal Health Economist
Genentech, Inc.
- b. **Keegan Rogers, PhD**
Health Scientist
Stantec Chemrisk
- c. **Brian Baer, PhD**
Director DMPK,
Pfizer Boulder
- d. **Jordan Palan, MS**
Business Development Manager
Innovation Lab
- 2) Faculty Breakout – *Silvers room (2nd Floor)*
Best Practices for Productive and Lifelong Mentorship
- Cindy O’Bryant, PharmD, BCOP, FCCP, FHOPA**
Professor, Department of Clinical Pharmacy
Associate Dean of Academic and Faculty Affairs

Prem S. Subramanian, MD, PhD
Clifford R. and Janice N. Merrill Endowed Chair in Ophthalmology
Professor of Ophthalmology, Neurology, and Neurosurgery
Vice Chair for Academic Affairs
Sue Anschutz-Rodgers Eye Center
University of Colorado School of Medicine

3:00 – 3:45 elevator pitches

3:45 – 4:00 **BREAK**

4:00 – 6:00 **POSTER SESSION Judging**

5:00 – 6:00 Happy Hour

6:00 – 8:00 **DINNER** on the Patio with Contactless bar

FRIDAY, August 2, 2024

7:00 – 8:00 BREAKFAST

8:00 – 8:30 **Debbie Lammers, MS, MBA**
Assistant Vice Chancellor, Learning and Development
Manisha Patel, PhD,
Associate Dean of Research and Graduate Studies
Strategic Planning for ADRGS

8:30 - 8:50 **David Wang**– intro by Dr. Melanie Joy
Assistant Director of BD & Licensing
CU Innovations
"Creation and Protection of Intellectual Property"

8:50 – 9:30 CORE Facilities Directors Panel – Moderated by Blake Hill
Daniel LaBarbera, PhD
Professor, Department of Pharmaceutical Sciences
HighThroughput and Medicinal Chemistry Core

Nicole Reisdorph, PhD

Professor, Department of Pharmaceutical Sciences

Richard Reisdorph, PhD

Associate Professor – Research, Department of Pharmaceutical Sciences
Mass Spectrometry Core

Phil Reigan PhD

Associate Professor, Department of Pharmaceutica Sciences
Computational Chemistry and Biology Core

Natalie Serkova, PhD

Charles L. Adams Professor and Vice Chair for Research
Department of Radiology
CU School of Medicine
Associate Director (Shared Resources), CU Cancer Center
Animal Imaging Shared Resource

SSPPS Research in progress talks

Co-chairs Ty Kiser and Vanessa Phelan

9:30 – 9:55

Jed Lampe, PhD

Associate Professor, Department of Pharmaceutical Sciences

Michaela Hvizdak

PhD Candidate

“Per- and polyfluoroalkyl substances (PFAS) inhibit human CYP26 activity: a novel pathway for developmental toxicity”

9:55 – 10:20

Christina Aquilante, PharmD

Professor, Department of Pharmaceutical Sciences

“Pharmacogenomics-based Clinical Care at the University of Colorado Anschutz Medical Campus”

10:20 – 10:30

BREAK

10:30 – 11:00

Michael DiStefano, PhD

Assistant Professor, Department of Clinical Pharmacy

Compounded GLP-1 receptor agonists for weight loss: The direct-to-consumer market in Colorado

11:00 – 11:30

Jacci Bainbridge, PharmD

Professor

Vice Chair of Research, Department of Clinical Pharmacy

Nichole Semmler, PharmD

Postdoctoral Fellow

A Trip of a Lifetime: Psilocybin and Cannabis Research: an update from the faculty research and scholarship survey

11:30 – 12:00 **Blake Hill, PhD**
Professor and Chair, Department of Pharmaceutical Sciences
Kyle Ross
PhD Candidate
Defining the role of liquid-liquid phase separation in DRP1-mediated mitochondrial fission

12:00 – 12:30 Keynote – intro by Dr. Rob Maclaren

Fernando Holguin M.D., M.P.H.
James C. Campbell Professor of Pulmonary Medicine
Head, Division of Pulmonary Sciences and Critical Care
L-arginine metabolism in asthma. Lessons in clinical & therapeutic translation

12:30 - 1:00 Awards and Closing Remarks - Moderated by Manisha Patel

Heim Awardees 2024 – Presented by David Ross, PhD, Professor Emeritus
2024 Faculty Teaching and Mentoring Awards – Presented by Student Leaders
Research Retreat Poster and Pitch Awards – Presented by Program Directors

Students will need to load the van with easels and posterboards before leaving the resort.

1:00 **LUNCH**

Break time/enjoy Keystone –