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 Socal, 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
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**

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**Break time/enjoy Keystone –**