LaBarbera Teams with CSU for Cancer Research, Awarded $50K
Dan LaBarbera, PhD, and Daniel Gustafson, PhD, of Colorado State University (CSU) had their current research project, Therapeutic Targeting of Oncogenic CHD1L in Human and Canine Osteosarcoma Cell Lines, funded by a $50,000 grant from the CSU Flint Animal Cancer Center and the University of Colorado Cancer Center under the CU-CSU Joint Pilot Projects in Companion Animals in Cancer Research Program. The research partnership seeks to determine if the CDH1L inhibitors created by LaBarbera’s lab can be used to limit tumor growth cells and create a new line of cancer therapy for both humans and canines.

DOPS Team Awarded Best Paper
Melanie Joy, Tom Anchordoquy, Jared Brown, and Michael Wempe, PhDs, were awarded best paper for Drug Delivery and Translational Research's June Issue. As such, their paper, “An
evaluation of a novel nanoformulation of imatinib mesylate in a mouse model of lupus nephritis" will be highlighted on the cover page.

Drug Developed in CU Lab Shows Promise Against a Novel Oncogene that Supports Cancer Progression
In recently published research, CU Cancer Center and CU Pharmacy researcher Dr. Dan Labarbera demonstrates how a lead drug can inhibit the oncogene CHD1L, a chromatin remodeling enzyme that aids tumor progression and metastasis in many cancer types.

Brock Receives International Teaching Award
Dr. Tina Brock was part of the Monash University team to win the American Association of Colleges Of Pharmacy 2022 Innovation in Teaching Award. Their award-winning project was titled, A Comprehensive Instructional Model to Develop a Transformed Pharmacy Degree.

Orth Invited to International Seminar Series
Lucas Orth, PharmD, was the only pharmacist invited to participate in an international seminar series hosted by the Hospital for Sick Children (Toronto) and the Lucile Packard Foundation. His seminar, focused on polypharmacy, was entitled “C6: Collaborative Conversations with Families to Advance the Clinical Care of Children with Medical Complexities and Disabilities”.
Dean's Leadership Convocation, Holden Lecture
Whitley Yi, PharmD, ’17, returned to campus to present the Holden Lecture as part of the Dean’s Leadership Convocation. Dr. Yi’s presentation, “Thinking Creatively About Your Career: Pharmacists in Health Tech,” explored the dramatic changes underway in digital health care and the opportunities that they create for pharmacists. Dr. Yi is a pharmacy specialist and delivery lead at Well.co, a digital health and wellness startup.

Student Award Roundup
- Lauren Thompson, a Pharmaceutical Sciences PhD Candidate, received two awards from the Society of Toxicology.
- P3 Brittney Sjulstad was awarded the American Society of Hospital Pharmacists Student Leadership Award.
- Department of Pharmaceutical Sciences PhD students participated in the annual spring Research Symposium, with Best Poster Awards going to Alaa Radwan, Paige Anton, Scott Tilden, and Jonathan Taylor, and Best Platform Award going to Kendra Prutton.
- PhD students Hector Esquer and Kris Oreschak are the recipients of the annual Harold C. Heim Award for Excellence in Research and Graduate Education.

Save the Date! Graduation 2022
Join us for the livestream graduation ceremony, Thursday, May 26, 10 a.m. MDT, from Boettcher Commons. Click the link below to tune in.
Alumni Zone

Look here for the monthly alumni spotlights, upcoming events, and opportunities to get involved!

Alumni Spotlight: Kristin Speer, Class of 2012
As this month’s 2022 Milestone feature, Dr. Kristin Braschler Speer looks back 10 years ago since graduating from the CU Skaggs School of Pharmacy and Pharmaceutical Sciences. She offers insight and advice for the next generation of pharmacists.

Read More

Alumni Book Club
There’s still time to join CU Pharmacy faculty member Dr. David Kroll on Tuesday, May 10 at 7 p.m. (Mountain Time) as he leads a follow-up discussion on the book “The Immortal Life of Henrietta Lacks” for the Alumni Association Book Club.

Register Today

Alumni Award Nominations
Nominate your fellow alums for this year’s Alumni Awards! Nominations for all three awards are being accepted until May 30th.

Nominate an Alumni

Join us at the Phoenix Alumni Dinner
The heat is on in Phoenix, Arizona as the Dean will gather with alumni in the area on Friday, June 10 at 7:30 p.m. (Arizona Time). Plan to
join us for fine dining at the Arrogant Butcher if you’re in town!

Register today

Continuing Education
Live and online ACPE-accredited programs for life-long learning.

Save the Date for LLLP2023!
The University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences is proud and honored to be the host for the 14th annual Life Long Learning in Pharmacy (LLLP) international conference. Following the inaugural meeting in Denmark in 1990, the LLLP conference provides an opportunity to discuss issues of importance and relevance to advancing pharmacy practice. Follow us on social media & sign up on our mailing list to get updates on exciting new info as we work to create LLLP2023!

Learn More

Thought Leaders
Monthly overview of faculty in the news and their published research.

In The News
• abc7 Denver, Fort Collins man warns other about keeping unused prescription drugs, feat. Robert Page, PharmD
• Today UK News, Newly developed drug shows promise against a novel oncopgene that supports cancer progression, feat. Dan LaBarbera, PhD
• 9News Denver, Clearing medicine cabinets helps combat opioid crisis, feat. Robert Page, PharmD
• Colorado Politics, Let patients benefit from prescription drug reform, by Kavita Nair, PhD

Research Roundup

• ACS Nano PEGylated Liposomes Accumulate in the Areas Relevant to Skin Toxicities via Passive Extravasation across “Leaky” Endothelium, Simberg D
• American Journal of Health Systems Pharmacy Allowable room temperature excursions for refrigerated medications: A 20-year review, Orth LE, Ellingson AS, Azimi SF, Martinez JT, Alhadad AA, Tran BC, Allen CW, Nguyen CT, Duong T, Burkdoll JS, Yoo J, Blackmer AB, Jeffres MN
• American Journal of Pharmaceutical Education Pharmacist Are Not Mid-Level Providers, Moore GD
• American Journal of Pharmaceutical Education Reaching Your Top Talent Destination: Insights on Chairing a Search Committee, Hemstreet BA, Borgelt LM
• Analytical and Bioanalytical Chemistry Miniature mass spectrometer-based point-of-care assay for cabotegravir and rilpivirine in whole blood, Bushman LR, Anderson PL
• Clinical and Translational Science Pharmacogenetic testing among patients with depression in a US managed care population, Anderson HD, Aquilante CL
• Clinical Pediatrics Integrated Prescription Drug Monitoring Program for Opioid Prescribing at a Children’s Hospital, Valuck R
• Critical Care Medicine Association Between Vasopressin Rebranding and Utilization in Patients With Septic Shock, Kiser TH, Wright GC, Reynolds PM
• Current Drug Safety Medications Associated with Occurrence of Urinary Tract Infections in Patients with Diabetes, Heart Failure or Both, Wright G, Saseen JJ.
• Brain Research Brain injury and inflammation genes common to a number of neurological diseases and the genes involved in the genesis of GABAergic neurons are altered in monoamine oxidase B knockout mice, Tabakoff B
• NanoImpact Transformation in band energetics of CuO nanoparticles as a function of solubility and its impact on cellular response, Brown JM
• International Journal of Eating Disorders Eating disorders in the U.S. Medicare population, Anderson KE
• JMA Network Open Utilization of Filgrastim and Infliximab Biosimilar Products in Medicare Part D, 2015-2019, Anderson KE
• Journal of American Society of Mass Spectrometry Spray-Based Application of Matrix to Agar-Based Microbial Samples for Reproducible Sample Adherence in MALDI MSI, Jens JN, Breiner DJ, Phelan VV
• Journal of Biological Chemistry Pseudomonas aeruginosa cytochrome P450 CYP168A1 is a fatty acid hydroxylase that metabolizes arachidonic acid to the vasodilator 19-HETE, Lampe JN
• Journal of Managed Care and Specialized Pharmacy Real-world persistence, adherence, health care resource utilization, and costs in people with type 2 diabetes switching from a first-generation basal insulin to a second-generation (insulin glargine 300 U/mL) vs an alternative first-generation basal insulin, Trujillo JM


• **NPJ Biofilms and Microbiomes** Dietary fat promotes antibiotic-induced Clostridioides difficile mortality in mice. Armstrong M, Reisdorph N

• **Open Forum Infectious Diseases** Immediate Hypersensitivity to Fluoroquinolones: A Cohort Assessing Cross-Reactivity. Azimi SF, Mainella V, Jeffres MN

• **Pharmacotherapy** Use of hormonal contraceptives in perimenopause: A systematic review. Guerin J, Engelmann A, Mattamata M, Borgelt LM.

• **Sleep** Tonic endocannabinoid signaling supports sleep through development in both sexes. Armstrong ML, Reisdorph N


• **Molecular Carcinogenesis** Stage-specific differential expression of zinc transporter SLC30A and SLC39A family proteins during prostate tumorigenesis. Prasad RR, Raina K, Mishra N, Tomar MS, Agarwal R

• **Chemical-Biological Interactions** Liver metabolomics identifies bile acid profile changes at early stages of alcoholic liver disease in mice. Thompson DC

• **Implementation Science Communications** Pragmatic considerations and approaches for measuring staff time as an implementation cost in health systems and clinics: key issues and applied examples. Trinkley KE

• **Bioorganic and Medicinal Chemistry Letters** Identification of Aloe-derived natural products as prospective lead scaffolds for SARS-CoV-2 main protease (Mpro) inhibitors. Lampe JN

• **Journal of Biochemical and Molecular Toxicology** Regulation of renal calbindin expression during cisplatin-induced kidney injury. Joy MS

• **Journal of Clinical Lipidol** JCL Roundtable. The lipoldogy team. Saseen JJ

• **Journal of Biological Chemistry** Structural insights into the interactions and epigenetic functions of human nucleic acid repair protein ALKBH6. Dai S