eScripts is a monthly newsletter highlighting faculty, staff, students and alumni of the University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences.

MARCH 2022

Black History is American History
All February we celebrated Black History Month and featured some of CU Pharmacy's own history makers. You see the recap and read the individual stories of these standout pharmacy staff, students, and alumni.

Learn more

Catalano Co-Director of PIKE
Carlos Catalano, PharmD, PhD, is serving as the co-director of the new PIKE-PREP (Preparation for Interdisciplinary Knowledge to Excel) program for under-represented minorities. PIKE is a multi-dimensional mentoring and research training experience to prepare underrepresented post-baccalaureate students to enroll and succeed in a top-tier PhD or MD-
PhD program and commit to a career in biomedical research.

Hemstreet ACCP Spotlight
Brian Hemstreet, PharmD, was featured in February's American College of Clinical Pharmacy’s (ACCP) Member Spotlight. In addition to highlighting Dr. Hemstreet’s commitment to advocating for the profession and supporting pharmacy students, the story reveals some interesting facts about our Associate Dean for Student Affairs.

Hammer Recognized by AACP
Dana Hammer, RPh, PhD, was recognized in February by the American Association of Colleges of Pharmacy (AACP). The national association selected Dr. Hammer for the member spotlight based on her extraordinary engagement with AACP and her peers in the Academy over many years, including creating and leading the Co-Curricular Community and co-authoring articles in the American Journal of Pharmaceutical Education.

Paper Top Download in 2021
A CU Pharmacy team of Drs. Paul Reynolds, Ty Kiser, former faculty member Scott Mueller, Rob MacLaren, and Douglas Fish, all PharmDs, saw its Journal of Pharmacotherapy paper “Management of Extravasation Injuries: A Focused Evaluation of Noncytotoxic Medications” receive the second-highest download from ACCP over the last year, with 26,611 downloads in 2021.
Alumni Zone

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

Alumni Spotlight: Terri Sajbel

For this month’s 2022 Milestone feature, Terri Sajbel, RPh ’82 looks back over the past 40 years since graduating from the CU Skaggs School of Pharmacy and Pharmaceutical Sciences. As a two-time Preceptor of the Year through the School’s Experiential Programs, Terri has nurtured future pharmacists, adding to the community of highly regarded professionals in the industry.

ICYMI: Alumni Book Club Recap

CU Pharmacy faculty member Dr. David Kroll led an intimate discussion on the book “The Immortal Life of Henrietta Lacks” during the CU Pharmacy Alumni Association Book Club, Tuesday, Feb. 15. If you missed it, click below to watch the full session.

Watch the video
An Evening of Chocolate and Tea:
March 23, 5-6 p.m.
Join us for a delicious virtual tasting from The Chocolate Therapist. You can listen along to learn about this perfect pair or purchase a tasting kit directly from The Chocolate Therapist to join in the fun. Take a minute to unwind and learn how two of our favorite treats can complement each other!

Register Here

Giving Day is April 14
The first ever Giving Day for the Anschutz Medical Campus is April 14th. Make your gift early and be part of the impact on a student’s education.

Give Today

Spring 2022 Hire CU Pharmacy Interview Days
March 25 and 26
Conduct virtual interviews to hire pharmacy interns, May graduates, and alumni on one or both available dates from 9 a.m. to noon (Mountain Time).

Register by March 7

Register Today

Alumni Advantage (A+) CE Discounts
Specially discounted rates up to $100 for select lifelong learning courses are offered to CU Pharmacy alumni through the School's Continuing Education Office in collaboration with the School's alumni association. Enter Coupon Code AlumniAdvantage to receive discounted rate for CE Courses under the Alumni Advantage (A+) program.
DORA State Board Opportunity
Pharmacists with Colorado residence are needed to serve as board members on various boards with the State of Colorado Department of Regulatory Agencies (DORA). Most boards meet six times per year. For details on applying for available positions, contact Dmitry Cunin with DORA.

Contact DORA

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

Medical Cannabis Education for Health Care Providers CE Certificate Program
March 2 - May 10
The CE Certificate in Medical Cannabis Education for Health Care Providers will provide you with a deep understanding of the role that medical cannabis may - or may not - have in patient care.

Learn More

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

In The News

- Medscape, *Is a Blood Test for Type 1 Diabetes in Kids Worth the Cost?*, feat. Brett McQueen PhD
- WebMD, *Chronic Marijuana Use Linked to Recurring Stroke*, feat. Robert Page, PharmD

Research Roundup

- *Journal of the American College of Clinical Pharmacy*, *A shared decision-making intervention by pharmacy students to improve statin adherence*, Sarah Billups
- *Alcohol*, *Proteomic analysis of alcohol-associated hepatitis reveals glycoprotein NMB (GPNMB) as a novel hepatic and serum biomarker*, Peter S. Harris, Cole R. Michel, Youngho Yun, Courtney D. McGinnis, James R. Roede, Rebecca L. McCullough, Kristofer S. Fritz
- *Journal of Pharmaceutical Sciences*, *Effects of transportation of IV bags containing protein formulations via hospital pneumatic tube system: Particle characterization by multiple methods*, Vaida Linkuvienė, John F Carpenter
- *Journal of Biological Chemistry*, *Pseudomonas aeruginosa cytochrome P450 CYP168A1 is a fatty acid hydroxylase that metabolizes arachidonic acid to the vasodilator 19-HETE*, Brian C Tooker, Sylvie E Kandel, Hannah M Work, Jed N Lampe
- *Journal of Pharmaceutical Sciences*, *Atomic-Layer Deposition Processes Applied to Phage λ and a Phage-Like Particle Platform Yield Thermostable, Single-Shot Vaccines*, Wynton McClary, Qin Yang, Carlos Catalano
- *Pharmacoeconomics*, *Contextual Considerations and Recommendations for Estimating the Value of Alzheimer’s Disease Therapies*, R Brett McQueen
- *Journal of Primary Care and Community Health*, *Improving Organizational Sustainability of an Urban Indian Health Clinic With an Innovative Pharmacy Model*, Leah Fitzgerald, Connie Valdez
- *NPJ Biofilms and Microbiomes*, *Carbohydrates from Pseudomonas aeruginosa biofilms interact with immune C-type lectins and interfere with their receptor function*, Peter J Rice
- *Pharmacotherapy*, *Optimizing anticoagulation for patients receiving Impella support*, Toby C Trujillo
- *Acta Ophthalmology*, *Silicone oil-free syringes, siliconized syringes and needles: quantitative assessment of silicone oil release with drugs used for intravitreal injection*, Vaida Linkuviene, John F Carpenter
• JAMA Surgery, Assessment of the Frequency of Dual Allergy to Penicillins and Cefazolin: A Systematic Review and Meta-analysis. Lindsay Courtney, Meghan N Jeffres

• Chemico-Biological Interactions, Oxidative stress induces inflammation of lens cells and triggers immune surveillance of ocular tissues. David C Thompson

• Open Forum Infect Disease, Pharmacokinetic Evaluation of Cefazolin in the Cerebrospinal Fluid of Critically Ill Patients. Tyree H Kiser, Kyle C Molina, Scott W Mueller

• Toxicology and Applied Pharmacology, Effect of dexamethasone treatment at variable therapeutic windows in reversing nitrogen mustard-induced corneal injuries in rabbit ocular in vivo model. Dinesh G Goswami, Neha Mishra, Rama Kant, Chapla Agarwal, J Mark Pettrash, Neera Tewari-Singh, Rajesh Agarwal

• Journal of Antimicrobial Chemotherapy, Correlation of antimicrobial fraction unbound and sieving coefficient in critically ill patients on continuous renal replacement therapy: a systematic review. Scott W Mueller, Tyree H Kiser, Sim Taleb, Paul M Reynolds

• Clinical and Applied Thrombosis/Hemostasis, Retrospective Comparison of Andexanet Alfa and 4-Factor Prothrombin Complex for Reversal of Factor Xa-Inhibitor Related Bleeding. Victoria M Stevens, Toby C Trujillo, Tyree H Kiser, Robert MacLaren, Paul M Reynolds, Scott W Mueller

• AIDS, Tenofovir-diphosphate in peripheral blood mononuclear cells during low, medium and high adherence to emtricitabine/tenofovir alafenamide vs. emtricitabine/tenofovir disoproxil fumarate. Jenna L Yager, Kristina M Brooks, Cricket Nemkov, Mustafa Ibrahim, Lane Bushman, Jennifer J Kiser, Peter L Anderson


• Toxicology Sciences, Identification of Dose-Dependent DNA Damage and Repair Responses From Subchronic Exposure to 1,4-Dioxane in Mice Using a Systems Analysis Approach. Colin T Shearn, David C Thompson

• Journal of Thrombosis and Thrombolysis, Comparative effectiveness of direct oral anticoagulants and warfarin for the treatment of left ventricular thrombus. Tyree H Kiser, Robert L Page 2nd, Garth Wright

• Genes, Brain, and Behavior, A long non-coding RNA (Lrap) modulates brain gene expression and levels of alcohol consumption in rats. Laura M Saba, Paula L Hoffman, Spencer Mahaffey, Boris Tabakoff

• Carcinogenesis, Chemopreventive Efficacy of Silibinin against Basal Cell Carcinoma Growth and Progression in UVB-irradiated Pch/+/- mice. Sandeep Paudel, Komal Raina, Vasundhara R Tiku, Akhilendra Maurya, Cindy M Rigby, Gagan Deep, Rama Kant, Bupinder Raina, Chapla Agarwal, Rajesh Agarwal

• American Journal of Health-System Pharmacy Corrigendum to: Compatibility of medications with intravenous lipid emulsions: Effects of simulated Y-site mixing. Cheng Her, John F Carpenter

• Journal of Heart Lung Transplant, Variants in mycophenolate and CMV antiviral drug pharmacokinetic and pharmacodynamic genes and leukopenia in heart
transplant recipients, Kris Oreschak, Laura M Saba, Kimberly M Deininger, Robert L Page II, Christina L Aquilante

- Clinical Translational Science, Applicability of ancestral genotyping in pharmacogenomic research with hormonal contraception, Christina L Aquilante
- Journal of the American Society for Mass Spectrometry, Spray-Based Application of Matrix to Agar-Based Microbial Samples for Reproducible Sample Adherence in MALDI-MSI, Justin N Jens, Daniel J Breiner, Vanessa V Phelan
- Biological Trace Element Research, A Single-Step Digestion for the Quantification and Characterization of Trace Particulate Silica Content in Biological Matrices Using Single Particle Inductively Coupled Plasma-Mass Spectrometry, Keegan L Rogers, Jared M Brown
- Journal of Acquired Immune Deficiency Syndromes, Pharmacokinetics of tenofovir alafenamide with boosted protease inhibitors in pregnant and postpartum women living with HIV: Results from IMPAACT P1026s, Kristina M Brooks
- Journal of Antimicrobial Chemotherapy, Predictors of 007 triphosphate concentrations in dried blood spots in persons with hepatitis C and active drug or alcohol use, Kristina M Brooks, Ryan Huntley, Lana Salah, Arya Tehrani, Leah C Jimmerson, Laura Roon, Lane R Bushman, Peter L Anderson, Jennifer J Kiser
- Trends in Cancer, Multifunctional role of thymidine phosphorylase in cancer, Becca M Warfield, Philip Reigan
- Currents in Pharmacy Teaching and Learning, Redefining 'advanced': Supporting and promoting practice change through community advanced pharmacy practice experiences, Wesley Nuffer
- Journal of the American College of Clinical Pharmacy, Gender Inequity and Sexual Harassment in the Pharmacy Profession: Evidence and Call to Action Executive Summary, Tyree H Kiser