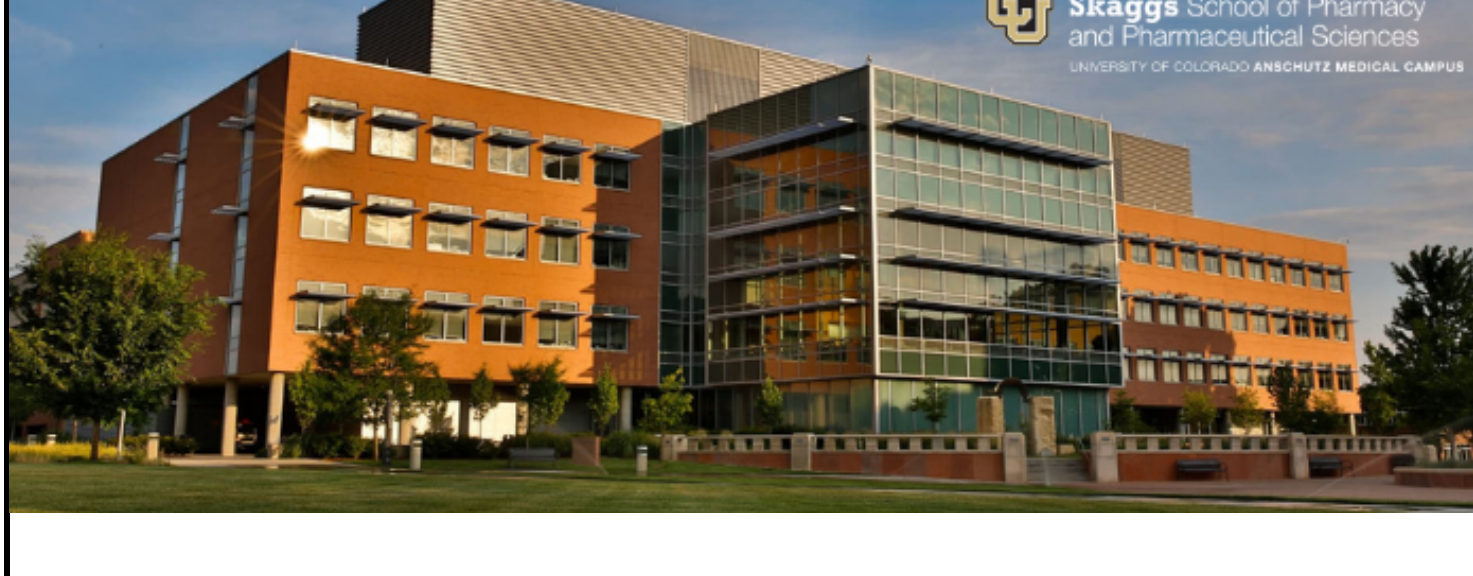


eScripts is a monthly newsletter highlighting faculty, staff, students and alumni of the University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences.



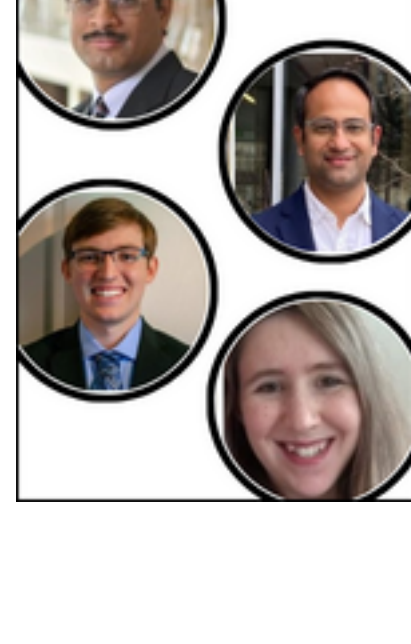
JULY 2022



A Clinician at Heart

In 2022, Dr. Cindy O'Bryant stepped into her new role as Associate Dean for Academic and Faculty Affairs. She offers a unique perspective, while maintaining an open mind and a love for patient care.

[Read more](#)



Covid Research Featured on Biochemistry Cover

A new paper co-authored by Drs. Krishna Mallela and Vaibhav Upadhyay, and PhD students Casey Patrick and Alexandra Lucas, was featured on the cover of *Biochemistry* and is the first to explore the effects of multiple mutations in the evolution of SARS-CoV-2 variants. The findings can help scientists better understand the properties of current and new variants.

[Read more about their research](#)



Faculty and Alumni Garner CPS Awards

The annual meeting of the Colorado Pharmacists Society was held earlier this month and many of our own were honored with distinguished awards. Joe Saseen, PharmD, received the Bowl of Hygeia Community Service Award, given annually to an association member who has made considerable contributions to their communities. Gina Moore, PharmD, was honored with Champion of Pharmacy Lifetime Achievement Award. Melissa Rodgers, PharmD '06, received the NASPA Excellence in Innovation Award, while Leticia Smith, PharmD '00, received the NCPA Leadership Award and the McKesson Leadership Award.



LaBarbera & Catalano Win AB Nexus Grants

Drs. Dan LaBarbera and Carlos Catalano received AB Nexus grants to advance innovative intercampus research projects. Supported by the University of Colorado President's Initiative, AB Nexus provides funding to spur new intercampus collaborations and innovations. Since launching just over two years ago, the initiative has awarded more than \$2 million in grant funding.

[Learn more](#)



Saseen Co-authors New Statement

Joe Saseen, PharmD, co-authored a new scientific statement that was presented at the most recent National Lipid Association Meeting. Saseen was president of the NLA at the time the statement was authored, and it was developed to provide an updated definition of statin intolerance and to inform clinicians and researchers about its identification and management.

[Read more](#)



Hemstreet Elected to ACCP Board of Regents

Brian Hemstreet, PharmD, has been selected as President-Elect for the American College of Clinical Pharmacy (ACCP). ACCP is the professional home for clinical pharmacy practitioners, scientists, educators, administrators, students, residents, and fellows from more than 60 countries committed to excellence in clinical pharmacy. Dr. Hemstreet will assume his three-year term in October at the association's annual meeting in San Francisco.



McQueen Receives the Helmsley Grant

R. Brett McQueen, PhD, has been awarded a \$488K grant by The Leona M. and Harry B. Helmsley Charitable Trust. This 2-year grant will support McQueen's work on "Diabetic Ketoacidosis Trends and Resource Utilization at Diagnosis of Type 1 Diabetes in the United States."



Reigan Speaks at ACS Symposium

Phillip Reigan, PhD, presented *The Modification of Pyrazolopyrimidinones and their Effect on WEE1 Inhibition and the DNA Damage Response (L08)* at this week's American Chemistry Society (ACS) National Medicinal Chemistry Symposium in New York City. Dr. Reigan was invited to speak by Erin DiMauro, VP of Drug Discovery and Development at Merck.

Alumni Zone

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



Alumni Spotlight: Julia Slejko, PhD '12

2012 CU Pharmacy alumna Julia Slejko has traded places going from student to faculty with her career in academia. She had been working in biotech for about seven years before considering graduate school, taking pharmaceutical science courses as a non-degree student at the CU Skaggs School of Pharmacy in Pharmaceutical Sciences in the early 2000s. Then she discovered CU Pharmacy's Center for Pharmaceutical Outcomes Research (CePOR) degree program.

[Read more](#)



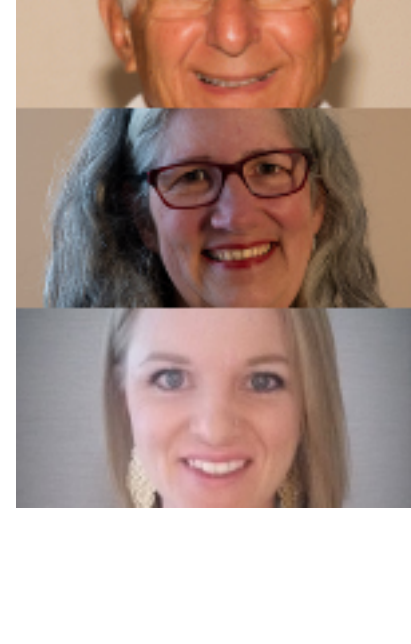
Maes Wins National Award

Marina L. Maes, PharmD, '17, won a national teaching award. Dr. Maes works as an assistant professor at University of Wisconsin-Madison School of Pharmacy and received first place for the American Association of Colleges of Pharmacy (AACP) Laboratory Instructor SIG's Annual LITE (Laboratory Instruction and Teaching Excellence) Award. Her winning project was designed to provide student pharmacists with the skills necessary for prescribing contraception in an inclusive and culturally sensitive way.



Phoenix Alumni Dinner A Cozy Affair

The first post-pandemic, in-person Alumni Dinner in Phoenix offered an opportunity for alumni to chat in an intimate setting with Dean Ralph Altieri. Stay tuned for an alumni dinner near you as we move to more in-person events.



2022 Alumni Award Recipients

The Alumni Association for the CU Skaggs School of Pharmacy and Pharmaceutical Sciences is proud to unveil the recipients for the third annual alumni awards. This year's honorees are Edward Skaff, RPh '59, Kristin Speer, PharmD '12, and Laura Tydall, RPh '82. The awardees will be honored Thursday, Oct. 27, 2022 during the 3rd Annual CU Pharmacy Alumni Awards as part of a 3-day celebration for Homecoming weekend.

[Read more](#)



Third Alumni Board Member Added

The CU Pharmacy Alumni Board of Directors continues to grow with the addition of a third new board member. Welcome Dr. Norman Fenn, PharmD '14 as the newest member to begin his term this July.

[Read more](#)



Save the Date Homecoming Weekend

The 2022 Homecoming Weekend is right around the corner! **Oct. 27-29**, set aside time to gather with alumni during the annual Homecoming tailgate and football game on the Boulder Campus. Make sure your contact information is up to date to receive follow-up details on the event.

[Update your information](#)

Continuing Education

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



APhA Pharmacy Based - Immunization Training

Saturday, Aug. 20, 8AM-5PM

Drs. Wes Nuffer and Sam Ellis will be teaching this in person and virtual training. Use discount code CU100 for alumni, active CU preceptors, and students to receive \$100 off.

[Learn more and register](#)

Thought Leaders

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

In The News

- **GEN**, *How SARS-CoV-2 Selection Increases with Convergent Evolution*, feat. Dr. Krishna Mallela, PhD
- **Heallo**, *NLA 2022 to feature new statin intolerance guidelines, award-winning abstracts, more*, feat. Dr. Joe Saseen, PharmD
- **The Conversation**, *How do drugs know where to go in the body? A pharmaceutical scientist explains why some medications are swallowed while others are injected*, feat. Tom Anchordoquy, PhD
- **NeurologyLive**, *Opicapone Shows Comparable Efficacy, Safety Among Older Individuals With Parkinson Disease*, feat. Jacci Bainbridge, PharmD

Research Roundup

- **Adv Funct Mater**, *Integrin-Targeted, Short Interfering RNA Nanocomplexes for Neuroblastoma Tumor-Specific Delivery Achieve MYCN Silencing with Improved Survival*, Moghimi SM
- **Am J Physiol Renal Physiol**, *Inhaled silica nanoparticles cause chronic kidney disease in rats*, Rogers KL, Stern A, Brown JM
- **Ann Pharmacother**, *Correlation Between and Nursing Satisfaction With CIWA-Ar, mMINDS, and SEWS Scoring Tools for the Assessment of Severe Alcohol Withdrawal Syndrome in ICU Patients*, Kiser TH, Mueller SW, Reynolds PM, MacLaren R
- Betker JL, Anchordoquy TJ
- **Biochemistry**, *Convergent Evolution of Multiple Mutations Improves the Viral Fitness of SARS-CoV-2 Variants by Balancing Positive and Negative Selection*, Upadhyay V, Patrick C, Lucas A, Mallela KM
- **Clin Pediatr**, *Integrated Prescription Drug Monitoring Program for Opioid Prescribing at a Children's Hospital*, Valuck R
- **Free Radic Biol Med**, *Oxidative stress as a candidate mechanism for accelerated neurocutaneous differentiation due to trisomy 21*, Prutton KM, Marentette JO, Leifheit BA, Esquer H, LaBarbera DV, Anderson CC, Roede JR
- **Front Neurosci**, *A Probiotic Diet Alters the Fecal Microbiome and Improves Sleep in Response to Sleep Disruption in Rats*, Vargas F
- **iScience**, *Iloprost requires the Frizzled-3 receptor to prevent lung cancer*, Dwyer-Nield LD, Backos DS
- **J Acquir Immune Defic Syndr**, *Pharmacokinetics of Tenofovir Alafenamide With Boosted Protease Inhibitors in Pregnant and Postpartum Women Living With HIV: Results From IMPACT-1*, 0269, Brooks RM
- **J Clin Gastroenterol**, *Associated Morbidity Risk of Proton Pump Inhibitor Therapy for the Prevention of Stress Ulceration in Intensive Care Unit Patients: A Systematic Review and Meta-analysis*, Reynolds PM, MacLaren R
- **J Clin Pharmacol**, *The Impact of Suboptimal 25-hydroxyvitamin D Levels and Cholecalciferol Replacement on the Pharmacokinetics of Oral Midazolam in Control Subjects and Patients with Chronic Kidney Disease*, Tusey SM, Roque AA, Rosta G, Shah N, Wempe MF, Joy MS
- **J Manag Care Spec Pharm**, *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*, Malone DC, Trujillo JM
- **J Pharm Pract**, *Evaluation of First-Dose, Intravenous Push Penicillins and Carbapenems in the Emergency Department*, Jenrette E, Mueller SW
- **J Pharm Sci**, *The Effect of Repeat Administration of Liposomes on Gene Delivery, Biodistribution, and Cytokine Response in Immunocompetent Tumor-Bearing Mice*
- **J Thromb Thrombolysis**, *Evaluation of safety and efficacy outcomes of direct oral anticoagulants versus warfarin in normal and extreme body weights for the treatment of atrial fibrillation or venous thromboembolism*, Novak AR, Shakowski C, Trujillo TC, Wright GC, Mueller SW, Kiser TH
- **Microbiol Spectr**, *Cefadroxil Comparable to Cephalexin: Minimum Inhibitory Concentrations among Methicillin-Susceptible Staphylococcus aureus Isolates from Pediatric Musculoskeletal Infections*, Lampe JN, Fish D
- **Mol Carcinog**, *Characterization of stage-specific tumor progression in TMPRSS2-ERG fusion-driven and non-fusion-driven prostate cancer in GFP models*, Raina K, Kant R, Prasad RR, Kandhari K, Tomar M, Mishra N, Agarwal C, Agarwal R
- **Mol Ther**, *Pro-inflammatory concerns with lipid nanoparticles*, Simberg D
- **Neurol Clin Pract**, *Practical Considerations in the Administration of Aducanumab for the Neurologist*, Coerver K, Yu MM, D'Abreu A, Wasserman M, Nair KV
- **Pharmacogenomics**, *Patients' perspectives of a pharmacist-provided clinical pharmacogenomics service*, Martin JL, Lee YM, Aquilante CL
- **Pharmacotherapy**, *Cumulative tenofovir diphosphate exposure in persons with HIV taking single- vs. multiple-tablet regimens*, Zheng JH, Ellison L, Bushman LR, Kiser JJ, Anderson PL
- **Sci Adv**, *The molecular impact of life in an indoor environment*, Aksenov AA, Meink AV, Breynrod A, Caraballo-Rodriguez AM, Gaugwitz JM, Dorrestein PC