

# eSCRIPTS

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



## JUNE 2022



### Graduation 2022

Congratulations to all of our graduates! You can relive (or watch for the first time) the 2022 in-person graduation by clicking below, or [click here to view the photo album](#).

[View the livestream](#)

### Inspiring Graduates

Read about our inspiring graduates from the PharmD, Distance Degrees, MS, and PhD programs. Each came to CU Pharmacy with their own experiences and goals, and each is leaving to make a positive change in the world.



## Read their stories



### **ITPD Program Wins AACP Award**

The International-Trained PharmD (ITPD) program offered through Distance Degrees and Programs won the Established Program Award from the American Association of Colleges of Pharmacy (AACP) Global Education SIG Nominations Committee. The nomination committee noted the program's impact on global communities, as well as the flexibility for students, published research, highly ranked student evaluations per research article, student testimonial videos, and use of the MyDispense program.



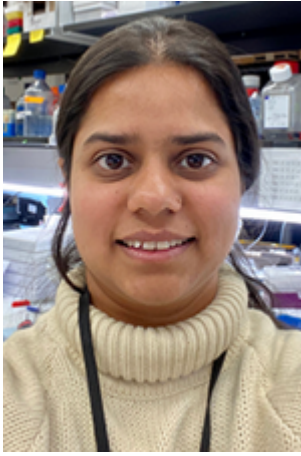
### **Rho Chi Wins Outstanding Organization Award**

The CU Pharmacy Rho Chi Alpha Theta Chapter won the CU Anschutz Senate Excellence Award for Outstanding Student Organization at this year's campus awards event. Jennifer Trujillo and Sara Wettergreen, Pharm Ds, serve as advisors for this group.



### **Trujillo Co-Edits Book**

Jennifer Trujillo, PharmD, is co-editor on the first edition of Diabetes Secrets, part of the Elsevier Secrets Series®. The new release offers practical, up-to-date coverage of the full range of essential topics in this field. Several CU Pharmacy faculty and students are chapter authors including Drs. Sara Wettergreen, Scott Pearson, Sarah Anderson, Lindsay Courtney, Elizabeth Ko, and Shasta Tall Bull.



## RA Selected to Present at Research Symposium

Neha Mishra, PhD, Research Associate in the Rajesh Agarwal Lab, was selected for a 5-Minute Student Presentation at the upcoming 15th Annual CounterACT Network Research Symposium. The CounterACT program supports basic and translational research aimed at the identification of better therapeutic medical countermeasures against chemical threat agents.

[Learn more](#)

## Alumni Zone

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



## Alumni Spotlight: Renee Torres Castilleja, Class of 2012

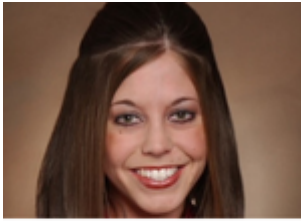
2012 CU Pharmacy alumna Renee Torres Castilleja, PharmD, hits a new stride in her career as a long-term care pharmacist, stepping out of her comfort zone and aligning her passion for working in geriatrics.

[Read More](#)

## CU Pharmacy Alumni Association New Board Members

The CU Pharmacy Alumni Association welcomes Sarah Eubanks, PharmD, '11, and Richard Dziallo, PharmD '18, as the newest members of the Board of Directors. Both will begin their terms July 2022.

[Learn more](#)



## In-person Alumni Forum A Huge Success

The first post-pandemic, in-person Alumni Forum that took place last month was a huge success. Special thanks to Chris Aquilante, PharmD, for her engaging presentation on pharmacogenomics. Did we catch you at the Forum? [Check out all the photos here](#) or click below to view Dr. Aquilante's presentation.

[View the presentation](#)



## Alumni Heroes

CU Pharmacy alumni gathered Thursday, May 19 at Pindustry in Greenwood Village with other CU Anschutz alumni for the first Alumni Heroes event. The event, organized by the CU Anschutz Alumni Relations Office, treated attendees to a night of chair massages, games, fine food and good company in honor of their service to the community and university as healthcare professionals.

[Look at the photos](#)

## 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

- **Health Affairs**, [Medicare Advantage And The Maryland All-Payer Model](#), by Kelly Anderson, PhD
- **KOA News Radio**, [Colorado's Morning News with Marty Lenz, National Drug Take Back Day](#), feat. Robert Page, PharmD
- **9News**, [Clearing medicine cabinets helps combat opioid crisis](#), feat. Peter Rice, PharmD
- **The Conversation**, [Will new vaccines be better at fighting coronavirus variants? 5 questions answered](#), feat. Krishna Mallela, PhD, and Vaibhav Upadhyay, PhD
- **KOAA News5**, [How to save money on prescription drugs, regardless of whether you have insurance](#), feat. Gina Moore, PharmD
- **CU Anschutz Today**, [Q&A: As Summer Looms, Experts Weigh in on Sunscreen Ingredients to Avoid](#), feat. Jed Lampe, PhD and Rebecca McCullough, PhD

## Research Roundup

- **Am Heart J**. [Factors associated with antihypertensive monotherapy among US adults with treated hypertension and uncontrolled blood pressure overall and by race/ethnicity, National Health and Nutrition Examination Survey 2013-2018](#). Saseen JJ.
- **Am J Emerg Med**. [Factor-guided diagnosis of coagulopathy associated with coumarin-contaminated synthetic cannabinoids: A case report](#). Torian SC.
- **Am J Pharm Educ**. [Pharmacists Leading the Way to Precision Medicine: Updates to the Core Pharmacist Competencies in Genomics](#). Lee YM.
- **Am J Respir Crit Care Med**. [Lung Microbiota and Metabolites Collectively Associate with Clinical Outcomes in Milder Stage COPD](#). Cruickshank-Quinn C.
- **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 KMG.

- **Bioorg Med Chem Lett.** [Identification of Aloe-derived natural products as prospective lead scaffolds for SARS-CoV-2 main protease \(M<sup>pro</sup>\) inhibitors.](#) Hicks EG, Kandel SE, Lampe JN.
- **Cannabis Cannabinoid Res.** [An Approach to Biomarker Discovery of Cannabis Use Utilizing Proteomic, Metabolomic, and Lipidomic Analyses.](#) Saba L.
- **Chem Biol Interact.** [Liver metabolomics identifies bile acid profile changes at early stages of alcoholic liver disease in mice.](#) Thompson DC.
- **Clin Infect Dis.** [Real-World Comparison of Bezlotoxumab to Standard of Care Therapy for Prevention of Recurrent Clostridioides difficile Infection in Patients at High Risk for Recurrence.](#) Johnson TM, Molina KC, Howard AH, Schwarz K, Miller MA.
- **Clinical Pharmacokinetics.** [Clinical Pharmacokinetics and Pharmacodynamics of Dalbavancin.](#) Molina KC, Miller MA, Mueller SW, Kiser TH.
- **Drug Deliv Transl Res.** [An evaluation of a novel nanoformulation of imatinib mesylate in a mouse model of lupus nephritis.](#) Fogueri U, Charkoftaki G, Roda G, Tuey S, Ibrahim M, Persaud I, Wempe MF, Brown JM, Anchordoquy TJ, Joy MS.
- **Explor Res Clin Soc Pharm.** [Diabetes care and prevention services provided by pharmacists: Progress made during the COVID-19 pandemic and the need for additional efforts in the post-pandemic era.](#) Nuffer W.
- **FASEB J.** [Utilization of CYP3A-Specific Inhibitors to Study Cytochrome P450 CYP3A7 Activity in Neonatal Human Liver Microsomes.](#) Work HM, Kandel SE, Lampe JN.
- **Free Radic Biol Med.** [Oxidative stress as a candidate mechanism for accelerated neuroectodermal differentiation due to trisomy 21.](#) Prutton KM, Marentette JO, Leifheit BA, Esquer H, LaBarbera DV, Anderson CC, Roede JR.
- **Front Mol Biosci.** [Small Heat Shock Proteins in Retinal Diseases.](#) Nagaraj RH.
- **Hepatol Commun.** [Lipidomics and Redox Lipidomics Indicate Early Stage Alcohol-Induced Liver Damage.](#) Thompson DC.
- **J Allergy Clin Immunol.** [Discovering metabolite quantitative trait loci in asthma using an isolated population.](#) Quinn K, Doenges K,
- **J Biol Chem.** [Deglutarylation of glutaryl-CoA dehydrogenase by deacylating enzyme SIRT5 promotes lysine oxidation in mice.](#) Backos DS
- **J Mol Biol.** [Biophysical fitness landscape of the SARS-CoV-2 Delta variant receptor binding domain.](#) Patrick C, Upadhyay V, Lucas A, Mallela KMG.
- **J Pediatr Pharmacol Ther.** [Methylnaltrexone in the Management of Opioid-Associated Urinary Retention in Children.](#) Clevenger AC.
- **J Tradit Complement Med.** [Transcriptome and metabolome changes induced by bitter melon \(Momordica charantia\)- intake in a high-fat diet induced obesity model.](#) Reed D, Kumar D, Kumar S, Raina K, Punia R, Kant R, Saba L, Cruickshank-Quinn C, Tabakoff B, Reisdorph N, Wempe M, Agarwal C, Agarwal R.
- **Mol Ther.** [Pro-inflammatory concerns with lipid nanoparticles.](#) Simberg D.
- **NanoImpact.** [Transformation in band energetics of CuO nanoparticles as a function of solubility and its impact on cellular response.](#) Brown JM.
- **Nat Commun.** [Statin therapy inhibits fatty acid synthase via dynamic protein modifications.](#) Backos DS.
- **NPJ Vaccines** [Phage-like particle vaccines are highly immunogenic and protect against pathogenic coronavirus infection and disease.](#) Catalano CE.
- **Open Forum Infect Dis.** [Real-World Use of Tedizolid Phosphate for 28 Days or More: A Case Series Describing Tolerability and Clinical Success.](#) Morrisette T, Da Silva B, Mueller SW, Fish DN.
- **Pediatr Transplant.** [Impact of catch-up vaccinations on anti-HLA antibody response in pediatric kidney transplant candidates.](#) Crowther B.
- **Pharmacogenomics.** [Patients' perspectives of a pharmacist-provided clinical pharmacogenomics service.](#) Martin JL, Lee YM, Aquilante CL.
- **Trends Cancer.** [Multifunctional role of thymidine phosphorylase in cancer.](#) Warfield BM, Reigan P.



CU Anschutz Skaggs School of Pharmacy  
Marketing & Communications Office  
12850 E Montview Blvd., Aurora, CO 80045  
[sop.communications@cuanschutz.edu](mailto:sop.communications@cuanschutz.edu)  
[pharmacy.cuanschutz.edu](http://pharmacy.cuanschutz.edu)

This email was sent to: **heather.a.carroll@cuanschutz.edu**

This email was sent by: CU Anschutz Skaggs School of Pharmacy  
12850 E Montview Blv, Aurora, CO, 80045,

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