

PGY2 Ambulatory Care Pharmacy Residency
University of Colorado School of Pharmacy
University of Colorado Anschutz Medical Campus, Aurora, CO
(ASHP Accreditation #82155; NMS Program Codes – Family Medicine Track # 514165)

PURPOSE: This PGY2 pharmacy residency programs build on Doctor of Pharmacy education and PGY1 pharmacy residency programs to contribute to the development of clinical pharmacists in the specialized area of ambulatory care practice. PGY2 residencies provide residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experience and knowledge and incorporating both into the provision of patient care. Residents who successfully complete this accredited PGY2 pharmacy residency are prepared for advanced patient care, academic, or other specialized positions, along with board certification in ambulatory care. Completion of this program is intended to create individuals that are qualified to practice as a clinical pharmacy specialist and/or become a faculty member at a School of Pharmacy or Medicine.

The University of Colorado is an integrated academic health sciences center. In addition to clinical training, residents are involved in educational experiences focused towards the training of PharmD students, PGY1 pharmacy residents, and medical residents. Residents also gain experience in medical writing and publishing, and completion of a research project of publishable/presentable quality and an administrative project are required. Previous residents have had an exceptionally strong record of publishing their research and other projects.

PRACTICE SITES/ROTATIONS:

There is one track for this residency for this year: 1) Family Medicine

- The first longitudinal rotation (entire 12-months) is a continuity ambulatory care clinic site is the School of Medicine's interdisciplinary Stapleton Family Medicine clinic. The University of Colorado offers a variety of ambulatory care clinic sites enables a well-rounded experience. The continuity clinic for the Family Medicine track consists of a longitudinal experience within the Department of Family Medicine Residency program at the Stapleton (aka, AF Williams) Family Medicine clinic, which is an interprofessional clinic.
- The second longitudinal rotation (entire 12-months) is Population Health at the University of Colorado Health (UCHealth) System. Activities within UCHealth involve targeted strategies to improve quality metrics and care gaps for practices within the UCHealth system, ranging from Ft. Collins to Pueblo. However, this experienced is based out of the Population Health Pharmacy office on the Anschutz Campus. This rotation occurs throughout the entire 12-months.
- Other required core rotations (3-months) are in Geriatrics, Internal Medicine, and Federally Qualified Health Center (FQHC).
- Electives are available in a wide range of experiences where University of Colorado Anschutz Medical Campus faculty practice (e.g., academia, anticoagulation, cardiometabolic clinical lipidology, diabetes, nephrology, pediatrics, psychiatry, resistant hypertension, women's health)

Opportunities to provide care to Spanish speaking patients exist at the FQHC clinics. Residents are expected to be a licensed Pharmacist in Colorado throughout the residency training period. Participation in the Colorado Pharmacy Residency Teaching Certificate Program and A Structured Program to Guide Residents' Experience in Research is required. Opportunities to participate in educating PharmD students is also required.

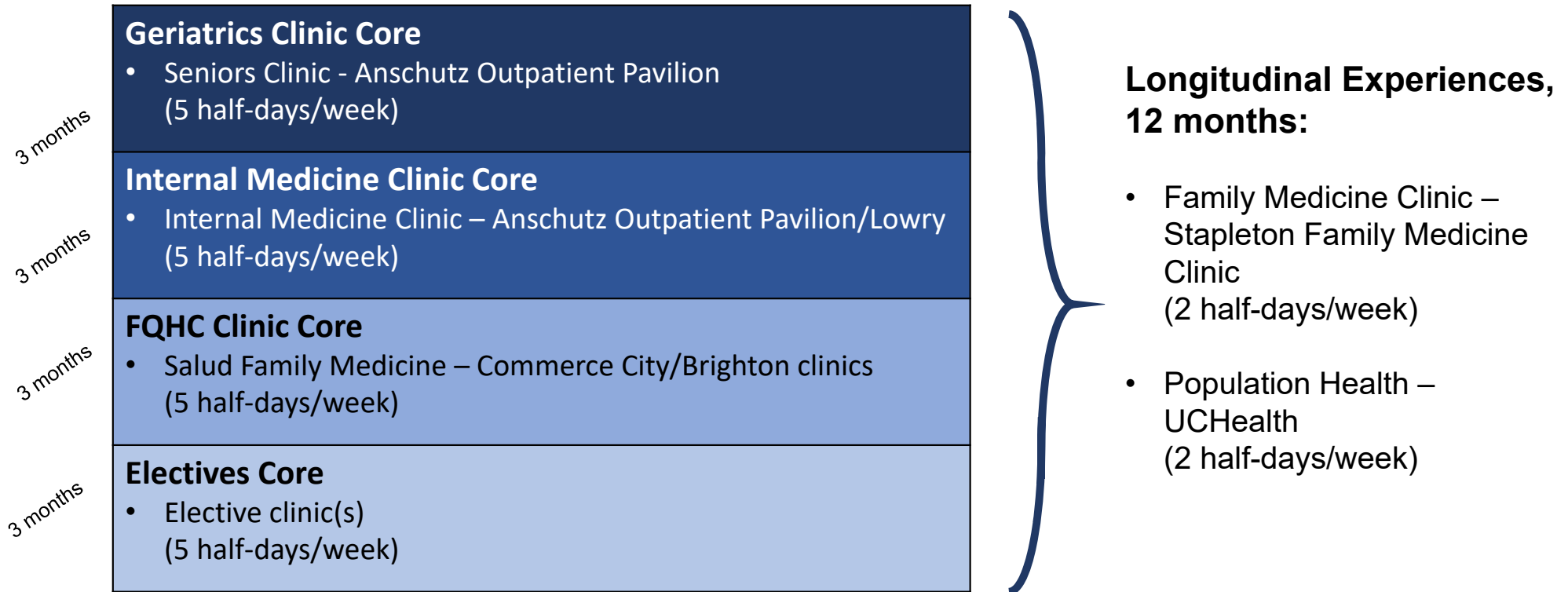
REQUIREMENTS: Doctor of Pharmacy Degree (ACPE accredited), PGY 1 residency, Pharmacist licensure in Colorado

BENEFITS: Salary is \$57,991 (2019-2020 stipend). Benefits include: healthcare coverage, 23 days annual leave (including professional meetings), and a travel stipend. Resident are appointed as Clinical Instructor with the School of Pharmacy. Limited staffing (an administrative project) is expected for the Family Medicine track.

APPLICATION: Interested applicants should provide a letter of intent, CV, academic transcripts, and 3 letters of recommendation using the ASHP Pharmacy Online Residency Centralized Application Service (<http://www.ashp.org/phorcas>). Applicants are encouraged to apply to both tracks if interested in both. Deadline is January 1.

For questions, contact the Program Director: Joseph Saseen, PharmD (Joseph.Saseen@CUAnschutz.edu)
Other listings: <http://www.ucdenver.edu/academics/colleges/pharmacy/AcademicPrograms/Residencies/Pages/Residencies.aspx>

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Remaining one half-day/week is for administrative work

Additional requirements:

- Colorado Residency Teaching Certificate Program, ASPIRE Program, Teaching PharmD Students

Previous Residents: University of Colorado PGY2 Ambulatory Care Pharmacy Residency

Name	Year	Education	Residency Project	Current Position
Vivian Cheng, PharmD	19-20	<ul style="list-style-type: none"> PharmD: University of North Carolina PGY1: VAMC, Denver 	"Prescribing practices of migraine-specific pharmacotherapy as determinants of emergency department use for migraine headache"	PGY2 Ambulatory Care Resident
Joseph Nardolillo, PharmD	19-20	<ul style="list-style-type: none"> PharmD: University of Rhode Island PGY1: Indian Health Service Albuquerque 	"Describing statin use in patients with HIV"	PGY2 Ambulatory Care Resident
Jennifer Tunoa, PharmD	19-20	<ul style="list-style-type: none"> PharmD: University of Colorado PGY1: VAMC, Seattle, WA 	"Comparing lipid monitoring patterns in patients newly started on statin therapy before and after publication of the 2018 multi-society management of blood cholesterol guideline"	PGY2 Ambulatory Care Resident
Navya Varshney, PharmD	19-20	<ul style="list-style-type: none"> PharmD: University of Michigan PGY1: University of California San Francisco 	"Sodium-glucose Cotransporter-2 inhibitors and risk for urinary tract infections in the elderly"	PGY2 Ambulatory Care Resident
Marina Maes, PharmD	18-19	<ul style="list-style-type: none"> PharmD: University of Colorado PGY1: University of Michigan 	"Evaluation of acute gout prophylaxis prescribing when initiating a xanthine oxidase inhibitor therapy for gout"	Assistant Professor: University of Wisconsin; Madison, WI
Natalie Rosario, PharmD	18-19	<ul style="list-style-type: none"> PharmD: University of Kentucky PGY1: Palm Beach Atlantic University 	"Hispanic patients' perceptions of mental health disorders among a FQHC clinic population"	Assistant Professor: Texas A&M University; Corpus Christi, TX
Marina Snellings, PharmD	18-19	<ul style="list-style-type: none"> PharmD: University of North Carolina PGY2: VAMC, Denver 	"Effectiveness of methenamine for UTI prevention in older adults with varying degrees of kidney function"	Clinical Pharmacist: University of North Carolina Medical Center; Chapel Hill, NC
Kyle Troksa, PharmD	18-19	<ul style="list-style-type: none"> PharmD: University of Colorado PGY1: University of Montana 	"Evaluating a population health approach to statin use: implications of pharmacist driven interventions in patients with an indication for statin therapy"	Ambulatory Care Clinical Pharmacy Specialist: Banner Health, Northern Colorado
Ian Hatlee, PharmD	17-18	<ul style="list-style-type: none"> PharmD: Lake Erie College of Osteopathic Medicine School of Pharmacy PGY1: Millcreek Community Hospital 	"Characteristics of a university family medicine teaching clinic population with higher-than-expected emergency department use"	PGY2 Ambulatory Care Resident
Emanuela Mooney, PharmD	17-18	<ul style="list-style-type: none"> PharmD: Idaho State University PGY1: Regis University/Safeway Community 	"Pharmacotherapeutic approaches to management of type 2 diabetes: a retrospective study of clinical pharmacist management versus usual care in a federally qualified health center"	Clinical Pharmacist: University of Colorado Health; Colorado Springs, CO
Scott Pearson, PharmD	17-18	<ul style="list-style-type: none"> PharmD: University of Wisconsin PGY1: University of Colorado Hospital 	"Assessment of chronic disease management among patients with diabetes and coronary artery disease receiving care in a cardiology clinic" In press, <i>J Am Coll Clin Pharm</i> [DOI: 10.1002/jac5.1044]	Assistant Professor: University of Colorado; Aurora, CO
Julianna Rivich, PharmD	17-18	<ul style="list-style-type: none"> PharmD: Purdue University PGY1: VAMC, Denver, CO 	"Social and psychosocial determinants of health associated with uncontrolled diabetes in a federally qualified health center population"	Clinical Pharmacist: Denver Health Medical Center; Denver, CO
Elizabeth Carter, PharmD	16-17	<ul style="list-style-type: none"> PharmD: NEOCOM PGY1: University of Colorado Community 	"Focused evaluation of provider usability and preferences with the aspirin guide app"	Primary Care Clinical Pharmacist: Cleveland Clinic; Strongsville, OH
Ashley Huntsberry, PharmD	16-17	<ul style="list-style-type: none"> PharmD: University of Colorado PGY1: University of Nebraska Medical Center 	"Effects of chronic proton pump inhibitor use on kidney function in older adults" In Press, <i>Consultant Pharmacist</i> 2019	Assistant Professor: University of Colorado; Aurora, CO
Morgan Payne, PharmD	16-17	<ul style="list-style-type: none"> PharmD: University of Houston PGY1: The Ohio State University 	"Changes in pharmacy students' perceptions of underserved populations after a 6-week clinical rotation in a FQHC clinic" <i>Curr Pharm Teaching Learning</i> 2018;10:1149-1153.	Assistant Professor: University of Colorado; Ft. Collins, CO

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Natalia Uzal, PharmD	16-17	<ul style="list-style-type: none"> PharmD: Shenandoah University PGY1: Lancaster General Hospital 	<p>“Monitoring of recommended metabolic laboratory parameters among Medicaid recipients on second-generation antipsychotics in federally qualified health centers” <i>Ann Pharmacother</i> 2018;52(2):160-165.</p>	Clinical Pharmacist: Community Health Centers of Lane County; Eugene, OR
Michael Kelly, PharmD	15-16	<ul style="list-style-type: none"> PharmD: Virginal Commonwealth University PGY1: Virginal Commonwealth University 	<p>“BP goals and treatment in patients 60-79 (without DM or CKD) before and after new JNC8/ASH-ISH recommendations” <i>Ther Adv Cardiovasc Dis</i> 2017;11(2):63-71.</p>	Assistant Professor: Chapman University; Orange County, CA
Jessica Norman, PharmD	15-16	<ul style="list-style-type: none"> PharmD: University of Wisconsin PGY1: University of Colorado Hospital 	<p>“The effect of the FDA required label changes on zolpidem prescribing practices based on gender” <i>SAGE Open Medicine</i> 2017;5:1-5.</p>	Primary Care Clinical Pharmacist: University of Wisconsin Health; Madison, WI
Alvin Oung, PharmD	15-16	<ul style="list-style-type: none"> PharmD: Massachusetts College of Pharmacy PGY1: Cone Health 	<p>“Evaluation of medication adherence in a federally qualified health center” <i>Ther Adv Chronic Dis</i> 2017;8:113-120.</p>	Assistant Professor: University of Wyoming; Denver, CO
Sara Wettergreen, PharmD	15-16	<ul style="list-style-type: none"> PharmD: South Dakota State University PGY1: VAMC, Houston, TX 	<p>“Comparison of Faculty Assessment and Students' Self-Assessment of Performance during Clinical Case Discussions in a Capstone Course” <i>Medical Teacher</i> 2018;40(2):193-198</p>	Assistant Professor: University of Colorado; Aurora, CO
Cy Fixen, PharmD	14-15	<ul style="list-style-type: none"> PharmD. South Dakota State University PGY1: University of North Carolina 	<p>“Retrospective assessment of mean blood pressure in adults aged 60-79 before and after the publication of 2013 ASH/ISH and JNC8 hypertension guidelines” <i>Ther Adv Cardiovasc Dis</i> 2016 Apr;10(2):67-73.</p>	Clinical Pharmacist: VAMC; Denver, CO
Danielle Fixen, PharmD	14-15	<ul style="list-style-type: none"> PharmD: Wingate University PGY1: University of Colorado Hospital 	<p>“The effect of medical marijuana on the frequency of migraine headache in an adult population” <i>Pharmacotherapy</i> 2016 May;36(5):505-10.</p>	Assistant Professor: University of Colorado; Aurora, CO
Jason Zupec, PharmD	14-15	<ul style="list-style-type: none"> PharmD: University of Cincinnati PGY1: Akron General Medical Center 	<p>“Evaluation of statin prescribing for secondary prevention in primary care following new guideline recommendations” <i>Ann Pharmacother</i> 2016 Jan;50(1):17-21.</p>	Assistant Professor: University of the Sciences; Philadelphia, PA
Liza Wilson, PharmD	13-14	<ul style="list-style-type: none"> PharmD: University of Missouri PGY1: University of Mississippi 	<p>“Comparison of New-Onset Gout Incidence in Adults Prescribed Hydrochlorothiazide vs. Chlorthalidone” <i>J Clin Hypertens</i> 2014;16(12):864-868.</p>	Assistant Professor: University of Colorado; Aurora, CO
Rhianna Fink, PharmD	13-14	<ul style="list-style-type: none"> PharmD. South Dakota State University PGY1: Beaumont Health System 	<p>“Simvastatin and CCBs: A Comparison of Prescribing Practices before and after the U.S. FDA Updates to the 2011 Simvastatin Dosing Standards” <i>Am J Cardiovasc Drugs</i> 2015;15:27-34.</p>	Assistant Professor: University of Colorado; Aurora, CO
William King IV, PharmD	12-13	<ul style="list-style-type: none"> PharmD: South Carolina College of Pharmacy PGY1: University of Colorado Hospital 	<p>“Characterization of diabetes risk factors in patients prescribed chronic statin therapy” <i>Ther Adv Chronic Dis</i> 2014;4(4):206-211.</p>	Clinical Pharmacy Specialist: New Hanover Regional Medical Center; Wilmington, NC
Matthew Kostoff, PharmD	12-13	<ul style="list-style-type: none"> PharmD: University of Toledo PGY1: Akron General Medical Center 	<p>“Description of long-term bisphosphonate therapy in postmenopausal women in a primary care setting” <i>Int J Women's Health</i> 2014;6:423-428.</p>	Clinical Pharmacist: NewHealth Collaborative, Akron, Ohio
Rachel Lowe, PharmD	11-12	<ul style="list-style-type: none"> PharmD: University of Colorado PGY1: VAMC, Houston, TX 	<p>“Clinical and economic description of monitoring in patients on chronic statin therapy” <i>Ther Adv Drug Safety</i> 2013;4(1):4-12.</p>	Clinical Pharmacy Specialist: Kaiser Permanente; Sacramento, CA
Angie Thompson, PharmD	11-12	<ul style="list-style-type: none"> PharmD: University of Colorado PGY1: Exempla St. Joseph Hospital 	<p>“Evaluation of type 2 diabetes mellitus medication management and diabetes control in patients 65-79 years of age and patients 80-89 years of age at a university affiliated health system” <i>Consult Pharm</i> 2013;28(5):296-306.</p>	Clinical Assistant Professor: University of Colorado; Aurora, CO

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Julie Alford, PharmD	10-11	<ul style="list-style-type: none"> PharmD: University of Tennessee PGY1: University of Arizona, Tucson, AZ 	<p>“Patterns of prescribing statin-based combinations that are high risk for myopathy” <i>Pharmacotherapy</i> 2012;32(7):623–630.</p>	Clinical Pharmacy Specialist: Kaiser Permanente; Boulder, CO
Michele Hanselin, PharmD	10-11	<ul style="list-style-type: none"> PharmD; University of Colorado PGY1: University of Colorado Hospital 	<p>“Prescribing trends for the treatment of resistant hypertension” <i>Hypertension</i> 2011;58:1008-1013.</p>	Associate Professor: Regis University; Denver, CO
Chad Martell, PharmD	09-10	<ul style="list-style-type: none"> PharmD: University of Colorado PGY1: Providence Health System, Portland, OR 	<p>“Evaluation of thiazide diuretic use on serum potassium and glucose regulation”</p>	Associate Professor: Regis University; Denver, CO
Jonathan White, PharmD	09-10	<ul style="list-style-type: none"> PharmD: Midwestern University PGY1: St. Alphonsus Hospital, Boise, ID 	<p>“Evaluation of fibric acid derivative use at a university affiliated health system using a medication appropriateness index”</p>	Clinical Pharmacist – Primary Care: Froedtert/Medical College of Wisconsin; Milwaukee, WI
Sarah Anderson, PharmD	08-09	<ul style="list-style-type: none"> PharmD: University of Colorado PGY1: Denver Health 	<p>“Determining predictors of response to exenatide in type 2 diabetes” <i>J Am Pharm Assoc</i> 2012;52:466–471.</p>	Associate Professor: University of Colorado; *Aurora, CO
Joseph Vande Griend, PharmD	06-07	<ul style="list-style-type: none"> PharmD: University of Iowa PGY1: University of Colorado Hospital 	<p>“Characterization and attainment of LDL-cholesterol goals in high risk family medicine patients” <i>J Clin Lipidology</i> 2009;3:195-200.</p>	Director, Population Health Pharmacy: University of Colorado Health; Aurora, CO
Joel Marrs, PharmD	05-06	<ul style="list-style-type: none"> PharmD: Butler University PGY1: Mount Carmel Medical Center, Columbus, OH 	<p>“Dyslipidemia control in an indigent population with medication assistance compared to an insured population” <i>Pharmacotherapy</i> 2008;28(5):562–569.</p>	Associate Professor: University of Colorado; Aurora, CO
Amy Egras, PharmD	04-05	<ul style="list-style-type: none"> PharmD: University of Colorado PGY1: University of California at San Francisco 	<p>“Comparing a therapeutic statin conversion to a usual care statin conversion” <i>Pharmacotherapy</i> 2008;28(5):553–561.</p>	Associate Professor: Thomas Jefferson University; Philadelphia, PA
Donnie Nuzum, PharmD	03-04	<ul style="list-style-type: none"> PharmD: Texas Tech University PGY1: University of Colorado Hospital 	<p>“Evaluating sample medication use in primary care: A sub-study of Applied Strategies for Improving Patient Safety” <i>Joint Comm J Qual & Patient Safety</i> 2006;32:688-692.</p>	Associate Professor: Wingate University; Charlotte, NC
Megan Bestul, PharmD	02-03	<ul style="list-style-type: none"> PharmD: University of Michigan PGY1: University of Colorado Hospital 	<p>“Impact of the Women’s Health Initiative trial results on hormone replacement therapy use” <i>Pharmacotherapy</i> 2004;24(4):495-499.</p>	Clinical Specialist: William Beaumont Hospital; Royal Oak, MI
Jessica Milchak, PharmD	01-02	<ul style="list-style-type: none"> PharmD: University of Iowa PGY1: VAMC Tucson, AZ 	<p>“Development of a core herbal product list and a pharmacist education program within a university-based outpatient pharmacy”</p>	Clinical Pharmacy Specialist: Kaiser Permanente; Longmont, CO
Sunny Linnebur, PharmD	00-01	<ul style="list-style-type: none"> PharmD: University of Kansas PGY1: VAMC Denver, CO 	<p>“Retrospective evaluation of antihypertensive effectiveness in clinical practice”</p>	Professor: University of Colorado; Aurora, CO
Eric MacLaughlin, PharmD	98-99	<ul style="list-style-type: none"> BS, Pharmacy: Albany College of Pharmacy PharmD: Medical University of South Carolina 	<p>“Selection and costs of antibiotics for patients with a reported beta-lactam allergy” <i>Arch Fam Med</i> 2000;9:722-726.</p>	Professor & Chair: Texas Tech University; Amarillo, TX
Rachana Patel, PharmD	98-99	<ul style="list-style-type: none"> PharmD: Butler University PGY1: VAMC Long Beach, CA 	<p>“Prospective, randomized, double-blind, placebo-controlled evaluation of vitamin K1 versus temporary cessation of warfarin therapy in the treatment of excessive anticoagulation” <i>Pharmacotherapy</i> 2000;20(10):1159-1166.</p>	Residency Supervisor & Clinical Pharmacy Specialist in Primary Care Kaiser Permanente; Aurora, CO