

PGY2 Emergency Medicine Pharmacy Residency
University of Colorado Hospital and University of Colorado School of Pharmacy
University of Colorado Anschutz Medical Campus, Aurora, CO

ASHP Accreditation # 82501

National Match Service (NMS) Code #7280

Duration: 12-month residency

Residency Start Date: July 1, 2025

Number of Positions: 1

Stipend: ~\$65,000

Application Deadline: January 1, 2025

PHILOSOPHY:

This ASHP-accredited PGY2 residency is designed to develop the competencies necessary for specialized practice in emergency medicine pharmacotherapy. The program is individualized to meet the needs and interests of the resident. Upon completion of this residency, graduates will be prepared to practice as an emergency medicine pharmacotherapy specialist in a variety of settings, ranging from academic to community sites. Residency graduates will also be prepared for board certification through the Board of Pharmacy Specialties.

The University of Colorado Hospital (UCHealth) and CU School of Pharmacy are both located on the University of Colorado Anschutz Medical Campus. PGY2 residents will be involved in teaching programs at the school of pharmacy and medicine, including didactic and clerkship teaching of Pharm.D. students and PGY1 residents, as well as physician residents, physician fellows, nurses, respiratory therapists, and paramedics.

While the program focuses on enhancing clinical skills, a major research project, medication use evaluation, and administrative initiative are required for the successful completion of the residency. The major research project is designed based on the flipped model. In this model, the resident will come into the program with a project already designed and approved through the Colorado Multiple Institutional Review Board (COMIRB). The PGY2 resident will complete data collection, data analysis, and produce a final manuscript. The final results of this project will be submitted for presentation at a national or regional conference. Past residents have presented at the Society of Academic Emergency Medicine annual meeting, Mountain States Residency Conference, and Residency Conference of the Rockies. Halfway through the year, the resident will have gained an appreciation for how the department flows as well as a substantial appreciation for where there are gaps in the literature. At this point the resident will then design a research project of their own interest and work with the appropriate committees and IRB to get the project ready for the subsequent resident to complete. This allows residents to gain an appreciation for the research process in its entirety as well as participate in two potential publications. Should the resident have a strong interest in research, additional opportunities for participation in clinical research are available.

Completion of the Colorado Pharmacy Residency Teaching Certificate program is required if a similar program has not already been completed during the resident's PGY1 program. A leadership certificate is also available for all residents at UCHealth.

PRACTICE SITES/ROTATIONS:

University of Colorado Hospital is the region's academic hospital and a level 1 trauma center, comprehensive stroke center, American Burn Association-verified Burn and Frostbite center, and the only comprehensive transplant center in the multi-state region. The majority of the PGY2 EM resident's training occurs in the emergency department and critical care units (medical, cardiac, burn, cardiothoracic, surgical/trauma, and neurosurgery) of the University of Colorado Hospital.

Additional rotation sites include other hospitals or practice settings in the Denver or greater Colorado area, which offers unique learning experiences that can be tailored to the resident's interest areas and career goals. Rotations can be scheduled in weekly increments to facilitate flexibility in the schedule to match the resident's needs and interests. Required clinical rotations include orientation/training (July), 6 months in EM (with one month as a teaching/precepting focus) and 1 month in the medical intensive care unit at UCHealth. Possible elective clinical rotations include: Denver Health Emergency Medicine, Denver Health Pre-Hospital, Pediatric Emergency Medicine at Children's Hospital of Colorado, Toxicology and/or Advanced Toxicology at Rocky Mountain Poison and Drug Safety, Burn Intensive Care Unit, and Surgical/Trauma Intensive Care Unit, and others upon request.

Required longitudinal rotations include pre-hospital/Emergency Medical Services (EMS), research, clinical staffing, teaching/precepting, and didactic education.

APPLICANT REQUIREMENTS: Doctorate of Pharmacy Degree (ACPE accredited program) and PGY1 Pharmacy Residency (ASHP accredited program)

KEY PRECEPTORS (for required rotations):

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| • Gabrielle Jacknin, PharmD, BCPS | Residency Program Director, EM Preceptor |
| • Jordan Jenrette, PharmD, BCEMP | Residency Program Coordinator, EM Preceptor |
| • Amelia Nelson, PharmD, BCCCP, BCEMP | EM Preceptor, Pharmacy Supervisor |
| • Joanne Smith, PharmD, BCCCP | EM Preceptor |
| • Andrew Kluemper, PharmD, BCPS, BCPP | EM Preceptor |
| • John White, PharmD | EM Preceptor |
| • Nikolas Kovacich, PharmD, BCEMP | EM Preceptor |
| • Ty Kiser, PharmD, FCCM, FCCP, BCCCP, BCPS | MICU Preceptor (SOP faculty) |
| • Rob Maclaren, PharmD, MPH, MCCM, FCCP | MICU Preceptor (SOP faculty) |
| • Shelby Pons, PharmD, BCCCP | MICU Preceptor |

BENEFITS: PGY2 resident salary is competitive and estimated at \$65,000 for the 2025-2026 academic year. Additional benefits include healthcare coverage, 37 resident time off days (15 days are allotted for Holiday's) and a travel stipend (\$2500 for 2024-2025 academic year). Residents receive an appointment as Clinical Instructor in the School of Pharmacy. Limited staffing (200 hours/year) with one major and one minor holiday is expected of all University of Colorado residents and has historically consisted of staffing 1 of every 6 weekends (12-hour shifts) All required staffing for the EM PGY2 resident takes place in the ED at UCHealth. Generally, the holidays staffed are Labor Day and Thanksgiving but are subject to change.

APPLICATION:

Interested applicants should electronically submit a letter of intent, curriculum vitae, academic transcripts, and three letters of recommendation through ASHP's Pharmacy Online Residency Centralized Application Service (PhORCAS). ***PhORCAS is the required method of applying for this program.*** Please contact the Residency Program Director (Gabrielle.Jacknin@UCHealth.org) or Residency Program Coordinator (Jordan.Jenrette@uchealth.org) for any questions concerning the program or application process.