



PGY2 Critical Care Residency

UCSF Medical Center | UCSF School of Pharmacy

ASHP-Accredited

PGY2 Critical Care Practice NMS #689452



Our Program

Located in the beautiful city of San Francisco, the critical care pharmacy residency is a one-year specialty residency that allows the resident to practice in a university-affiliated tertiary care, academic teaching hospital with 690 beds and six adult intensive care units on the main Parnassus campus. Graduating the first pharmacy resident in 1963, UCSF has a proud history of developing excellent clinicians and offers unique and rewarding experiences. UCSF is ranked #8 of all medical centers nationally according to 2020 US News and World Report. The focus of the critical care pharmacy residency is to develop specialty expertise in a variety of intensive care settings including medical, surgical, trauma, neuroscience and cardiac intensive care. UCSF is affiliated with the Zuckerberg San Francisco General Hospital and Trauma Center, a Level 1 trauma center, where the resident will have the opportunity for rotation experiences. Offsite rotation experiences at other Bay Area institutions are available based on resident interest. Program graduates will possess necessary skills to function as an advanced practitioner in clinical and academic settings.

Learning Experiences

Rotations are 4 to 5 weeks in length, for a total of 9 rotation blocks. Longitudinal experiences extend throughout the year.

Core Rotations

- ◆ Medical ICU
- ◆ Surgical ICU
- ◆ Cardiology-Cardiothoracic ICU
- ◆ Neurocritical Care
- ◆ Emergency Medicine
- ◆ Trauma Surgical ICU
- ◆ Medical/Surgical ICU (Teaching Focus)

Elective Rotations

- ◆ Bone Marrow Transplant
- ◆ Infectious Disease
- ◆ Pediatric or Neonatal Critical Care
- ◆ Heart/Lung or Liver/Kidney Transplant
- ◆ Burn ICU

Longitudinal Experiences

- ◆ Hospital committee member
- ◆ Clinical research project and certificate program
- ◆ Quality improvement project
- ◆ Code Blue, Stroke, and Sepsis response
- ◆ ACPE–Accredited Pharmacy Grand Rounds
- ◆ Operational staffing (17 weekends, includes holidays)

Teaching Experiences

- ◆ Teaching Certificate Program
- ◆ Co-coordinate High-fidelity Simulation Lab
- ◆ Interdisciplinary and pharmacy didactic lectures
- ◆ Northern California Critical Care Journal Club webinar presentation

Teaching

A key strength of our program is the opportunity to teach student pharmacists and other healthcare professionals. The UCSF Doctorate of Pharmacy ranks second nationwide in 2020 US News & World Report. Pharmacy residents teach student pharmacists and residents through didactic therapeutics lectures, small group conference facilitation, and service-based clinical precepting to IPPE and APPE students in a layered learning model. Residents are also intimately involved with teaching to multidisciplinary colleagues such as the critical care, dietetics, and respiratory therapist teams. Residents are awarded a Teaching Certificate with successful completion of the program.

Research

PGY2 residents participate in a Research Certificate Program and will gain skills in: project management, study design and methodology, data storage and management, statistical analysis and summarizing research findings. Residents are enrolled in the Designing Clinical Research course, an interprofessional course at UCSF which guides them through the development and refinement of their research proposal for submission to the UCSF Institutional Review Board. For projects requiring more advanced statistics, residents receive support to collaborate with the Clinical and Translational Science Institute to complete analysis. All projects are of a scope suitable for publication.

Current PGY2 Residents 2020-2021



Tiffany Hwang, PharmD (tiffany.hwang@ucsf.edu)

- School of Pharmacy: University of Southern California
- PGY1 Training: UCSF Medical Center, SF, CA
- Research Project: Use of Ketamine for Post-operative Pain Management in Neurospine Patients
- QI Project: Development of Vasoplegia Algorithm
- Practice Interests: Medical intensive care, Emergency Medicine
- Longitudinal Committee: Code Blue Committee
- Grand Rounds Seminar: Steroids in the Treatment of COVID-19
- Favorite thing about San Francisco: It's home! I love that I'm so close to my family and friends

Gabriela Young, PharmD (gabriela.young@ucsf.edu)

- School of Pharmacy: Touro University, CA
- PGY1 Training: UCSF Medical Center, SF, CA
- Research Project: Impact of delayed transition off of IV vasodilators for aortic dissection on ICU length of stay
- QI Project: Use of vasopressin infusion in adult critical care patients
- Practice Interests: Analgosedation, trauma, refractory shock, infectious disease, ED/toxicology
- Longitudinal Committee: Adult Critical Care Committee
- Grand Rounds Seminar: Updates in Neurological Emergencies
- Favorite thing about San Francisco: The diversity, the food, and Karl/Karla the Fog!

Past Residents

Our residency graduates have gone on to become critical care clinicians practicing across the country: Claire Bainbridge (2020, UCSF Med Ctr), Noah Lipshutz (2020, Sutter Health Sacramento), Liz Staub (2019, Stanford), Dexter Wimer (2019, UCSF Med Ctr), Krupa Bhatt (2018, Scripps San Diego), Kristine Keller (2018, John Muir Walnut Creek), Sue Lee (2017, UCSF Med Ctr), Joanne Smith (2016, CC PGY2 RPD Centura Health Saint Anthony's, Lakewood Colorado) and Kristine Widboom (2015, UC San Diego Med Ctr).

Application

Interested applicants should electronically submit a letter of intent, curriculum vitae, academic transcripts, and three letters of recommendation through ASHP's PhORCAS system. Application deadline is December 28, 2020.

Contact Us

For additional information regarding post-graduate training opportunities at UCSF including Residency Programs and Fellowships, please visit our website (<https://pharm.ucsf.edu/residencies>).

Residency Program Director

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