



**RUSH UNIVERSITY**  
**Children's Hospital**  
**Pediatric Pharmacy**  
**PGY2 Residency**

**Pediatric PGY2 Pharmacy Residency Program:** The goal of the Rush University Medical Center (RUMC) pediatric pharmacy residency program is to provide the resident with a comprehensive and in-depth understanding of age-related pharmacotherapy in the pediatric population. The resident will be exposed to multiple pediatric populations within an interdisciplinary setting to allow them to become an independent clinician. The resident will be able to develop critical thinking and problem-solving skills within pediatric pharmacotherapy through active participation in required and elective patient care rotations and a multitude of other learning opportunities. In addition, the resident will learn how to appropriately review, prepare, and dispense pediatric medications in a safe and efficient manner. Upon completion of this program, the participant will be able to independently conduct practice based research and lead practice based quality initiatives.

<b>Required Rotations</b>	<b>Preceptors</b>
Pediatric Intensive Care Unit I (4 weeks)	Jessica L. Jacobson, PharmD, BCPS, BCPPS
Pediatric Intensive Care Unit II (4 weeks)	
Neonatal Intensive Care Unit I (4 weeks)	Kristen M. Welsh, PharmD, BCPPS
Neonatal Intensive Care Unit II (4 weeks)	
General Pediatrics (4 weeks)	Sara W. Brown, PharmD, BCPPS
Pediatric Hematology/Oncology (4 weeks)	
Pediatric Infectious Disease (4 weeks)	Betty Vu, PharmD, BCPS
Pediatric Emergency Department (2-4 weeks)	Gary Peksa, PharmD, BCPS Giles Slocum, PharmD Joshua DeMott, PharmD, MSc, BCPS, BCCCP
<b>Elective Rotations (onsite)</b>	<b>Elective Rotations (offsite, up to 2)</b>
Antimicrobial Stewardship	Bone Marrow Transplant
Pediatric Administration	Pediatric Solid Organ Transplant
Pediatric Medication Safety / Informatics	Pediatric Ambulatory Care
Investigational Drug Service	Parenteral Nutrition

## Longitudinal Experiences

- On-Call (24 hour, in-house)
- Ambulatory Care Clinic (Pediatric Epilepsy Clinic): 1 afternoon per week
- Weekend/Holiday Staffing in Pediatric Pharmacy Satellite: every 4<sup>th</sup> weekend; 1 major & 1 minor holiday
- Medication Utilization Evaluation (MUE)
- Policy/Protocol Development
- Subcommittee Membership

## Teaching Opportunities

- Didactic lectures
- Precepting IPPE and APPE students
- Pharmacy Grand Rounds
- Teaching Certificate Program

## Research

- One formal research project with manuscript of publishable quality
- Platform presentation of research at the Pediatric Pharmacy Advocacy Group (PPAG) Annual Meeting
- Research Certificate Program

**Patient Care Experience:** The Pediatric PGY2 Pharmacy Residency Program is a one-year residency designed to provide specialty training to a resident interested in pediatric care. The PGY2 resident will have the opportunity to participate in multidisciplinary care of pediatric patients in an academic teaching facility. The children's hospital within RUMC has 110-licensed beds consisting of an 18-bed Pediatric Intensive Care Unit, a 60-bed mixed acuity Level III Neonatal Intensive Care Unit, a 20-bed General Pediatric Unit, plus a pediatric Emergency Department, Child Psychiatric Unit, and Mother-baby Unit.

**Research Experience:** In collaboration with an experienced preceptor, the PGY2 resident will be expected to complete a longitudinal research project suitable for publication. The project will be based on the resident's interest and will focus on a specific topic in pediatric pharmacotherapy. The project will be presented as a platform presentation at the PPAG Annual Meeting. The resident will also have the opportunity to participate in a formal Research Certificate Program.

**Teaching Experience:** The PGY2 resident will serve as a preceptor for Doctor of Pharmacy students enrolled at the University of Illinois at Chicago, Northwestern University, Chicago State University, Rosalind Franklin University and Roosevelt University. The resident will also lead organized group discussions with pharmacy students and PGY1 Pharmacy residents. Opportunities to provide didactic lectures will be available to the resident. The resident will also have the opportunity to participate in a Teaching Certificate Program if not already completed.

**Staffing Experience:** The resident will be responsible for staffing every 4th weekend in the Pediatric Pharmacy Satellite and for 4 hours in the Emergency Department (pediatrics/adults) during their on-call shift.

**On-Call Program:** The resident will be expected to take overnight in-house on-call in the medical center approximately one out of every 14 nights. An on-call room is available for down time between responsibilities. The on-call program serves both the pediatric and adult population at Rush. Responsibilities during on-call include, but are not limited to: pharmacokinetic drug monitoring, response to drug information questions, emergency response, and approval of adult restricted antimicrobials.

For further information, see our website: [www.rushu.rush.edu/pharm/residency](http://www.rushu.rush.edu/pharm/residency)

### Pediatric PGY2 Pharmacy Residency Program Director

**Jessica L. Jacobson, PharmD, BCPS, BCPPS**

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