

Western Missouri Psychiatric Pharmacy Residency Program

Center for Behavioral
Medicine
Kansas City, MO

Northwest Missouri
Psychiatric Rehabilitation
Center
St. Joseph, MO

Affiliated with the University of Missouri-Kansas City (UMKC) School of
Pharmacy

[http://pharmacy.umkc.edu/pharm-
d/residencies/](http://pharmacy.umkc.edu/pharm-
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Psychiatric
Pharmacy
PGY-2
Residency

Residency Program Mission

To provide a diverse learning environment and structured program which will allow the resident to develop the competencies and proficient skills necessary to become a successful clinical psychiatric pharmacist.

Upon completion of this program, the pharmacist will be able to independently provide specialized pharmaceutical care to mentally ill patients in multi-disciplinary and collaborative settings.

Program Overview

The joint PGY-2 program at CBM and NMPRC, in affiliation with the UMKC School of Pharmacy, has two ASHP accredited positions available for the 12-month period beginning July 1st. As a member of the pharmacy staff, the resident provides pharmaceutical care to Department of Mental Health clients in two state-operated facilities. Residents are active members of multi-disciplinary treatment teams in all settings and work to improve care of the seriously mentally ill. In addition, the residents contribute to improving and enhancing patient care through research and medication use evaluations (MUEs). Off-site rotation opportunities offer a wide range of experience, ensuring the resident is comfortable in a variety of practice settings. The residency training program prepares the clinician for the challenges of providing primary care and consultation in psychiatric pharmacy practice.

Primary Training Locations

Center for Behavioral Medicine (CBM)

CBM is a 65 bed mental health facility located in the heart of Kansas City, MO. CBM's services include intermediate/long-term adult inpatient treatment (40 beds) and forensic (incompetent to stand trial) treatment (25 beds). CBM also houses Truman Medical Center's (TMC) two acute inpatient psychiatric units. CBM serves as an accredited site for UMKC Psychiatry and Psychology Residency training programs, affording abundant opportunities for interdisciplinary learning.

Northwest Missouri Psychiatric Rehabilitation Center (NMPRC)

NMPRC houses a total of 108 long-term and forensic beds which includes 60 inpatients and 48 patients residing in six cottages. This long-term rehabilitation center focuses on the rehabilitation of psychiatric forensic patients. While the majority of patients are considered to be in long-term placement, patients are also placed at NMPRC for pretrial evaluations and for assistance regaining competency.

Truman Medical Center (TMC)

Truman Medical Center Hospital Hill (TMC-HH) is a not-for-profit hospital that serves the Kansas City metropolitan area. TMC-HH, located in downtown Kansas City, MO, is a level one trauma center and serves approximately 100,000 people yearly. With over 200 inpatient beds, TMC-HH is an important fixture in the community serving all who need medical care and is the rotation site for the psychiatry consult-liaison and neurology elective rotations. TMC Behavioral Health houses 50 acute inpatient beds, where the resident gains acute care experience. TMC Healing Canvas is the largest outpatient provider of community mental health services to clients in downtown Kansas City, MO. The longitudinal outpatient rotation at TMC-BH involves providing pharmacy services that include medication education to patients and staff, outpatient consultation services, and outpatient continuity of care services in a collaborative practice setting.



Meet Our Faculty

Clinical Preceptors



Lauren Diefenderfer, Pharm.D. BCPP provides clinical pharmacy services to two inpatient units at CBM and serves as the coordinator for APPE student activities. Dr. Diefenderfer is also adjunct clinical faculty with UMKC School of Pharmacy. Dr. Diefenderfer graduated from The Ohio State University and is a previous graduate of our residency program.



Ellie Elliott, Pharm.D., BCPP serves as the Pharmacy Director at CBM and NMPRC. Dr. Elliott is also adjunct clinical faculty for UMKC and University of Kansas (KU) Schools of Pharmacy. Dr. Elliott graduated from the University of Nebraska Medical Center and is a previous graduate of our residency program.



Courtney Iuppa, Pharm.D., BCPP provides clinical pharmacy services to the inpatient forensic unit at CBM and serves as the Residency Program Director. Dr. Iuppa is also adjunct clinical faculty with UMKC and KU Schools of Pharmacy. Dr. Iuppa graduated from UMKC and is a previous graduate of our residency program.



Kalee Kleinhesselink, Pharm.D., BCPP serves as a Clinical Manager and provides clinical pharmacy services to inpatients at NMPRC. Dr. Kleinhesselink is adjunct clinical faculty with the UMKC and Drake Schools of Pharmacy and coordinates the APPE pharmacy student activities at NMPRC. Dr. Kleinhesselink graduated from Drake University and is a previous graduate of our residency program.



Leigh Anne Nelson, Pharm.D., BCPP conducts psychopharmacy research and provides clinical pharmacy services to an inpatient unit at TMC. Dr. Nelson graduated from UMKC and is now an Associate Professor with UMKC School of Pharmacy. Dr. Nelson is the primary preceptor for the residents' longitudinal IRB-approved research project.



Debbie Sass, R.Ph., BCPP is a clinical pharmacist at NMPRC. She is adjunct clinical faculty with the UMKC School of Pharmacy and provides staffing services as well as clinical pharmacy services to one unit. She graduated from the University of Nebraska Medical Center.

Research Faculty



Carrie Kriz, BA is a Clinical Research Coordinator. She coordinates both original and pharmaceutical sponsored research at CBM. Ms. Kriz also assists in precepting residents for the research elective experience.



Roger Sommi, Pharm.D., BCPP, FCCP conducts psychopharmacy research and serves as a consultant to CBM and in difficult management cases throughout the State of Missouri. He graduated from the University of Utah and is Associate Dean of the UMKC School of Pharmacy MU Campus and a Professor with UMKC School of Pharmacy. He also assists with the residents' research projects and the research elective experience.

Additional Preceptors

Residents will have the opportunity to work with additional preceptors through elective rotations. Off-site, elective rotations allow the resident to experience a wide variety of practice styles and disease states. A full list of off-site preceptors and elective rotations can be found on the following page.

In addition, residents will have the opportunity to work individually with physician preceptors. These experiences prepare the resident to independently perform mental status exams, conduct patient interviews, and assess treatment response.

Rotations & Learning Experiences

Required Experiences	Location	Length	Preceptor
Acute Care Psychiatry			
Inpatient Adult Forensics	CBM Unit 3D	2 months	Courtney Iuppa, Pharm.D., BCPP
Inpatient Adult	TMC-BH	2 months	Leigh Anne Nelson, Pharm.D., BCPP
Extended/Long-Term Care Psychiatry			
Inpatient Adult	CBM Unit 3C	2 months	Lauren Diefenderfer, Pharm.D., BCPP
Inpatient Adult and Forensics	NMPRC	3 months	Kalee Kleinhesselink, Pharm.D., BCPP and Debbie Sass, R.Ph., BCPP
Longitudinal			
Medication Use Evaluation	CBM & NMPRC	1 month each	Ellie Elliott, Pharm.D., BCPP
Outpatient Psychiatry	TMC Canvas	6 months	Doug Burgess, M.D.
Research Project	CBM, NMPRC, or TMC	12 months	Leigh Anne Nelson, Pharm.D., BCPP or as assigned

Elective Experiences*	Location	Length	Preceptor
Adult, Child & Adolescent, and Geriatric Acute Inpatient Care	SLN	1 month	Brett Nelson, R.Ph., BCPP
Child & Adolescent Inpatient Care	Crittenton	1 month	Physician preceptor varies
Child & Adolescent Outpatient Care	TMC Canvas	1 month or longitudinal	Emilia Kaufman, M.D.
PTSD/Substance Abuse	KCVA	1 month	Keith Anderson, Pharm.D., BCPP
Psychiatry Consult Liaison	TMC-HH	1 month	Jeffrey Metzner, M.D.
Neurology	TMC-HH	1 month	Sean Gratton, M.D.

*All elective experiences, with the exception of neurology, focus on the psychiatric patient population. Other elective experiences may be arranged based on resident interest and availability of sites. Resident may also select to repeat a required experience as an elective.

CBM = Center for Behavioral Medicine
 Crittenton = Crittenton Children’s Center
 KCVA = Kansas City VA Medical Center
 NMPRC = Northwest Missouri Psychiatric Rehabilitation Center
 SLN = St. Luke’s North Hospital
 TMC Canvas = Truman Medical Center Healing Canvas Building
 TMC-BH = Truman Medical Center Behavioral Health
 TMC-HH = Truman Medical Center Hospital Hill



CBM



NMPRC

Training & Service

Residents are an integral part of patient care services while in the program. Supervision and direction are provided by the preceptors. However, resident independence is expected and encouraged. Required and elective rotations are described on the previous page.

Formal Educational Activities

In addition to the individual supervision received during the psychiatric pharmacy residency, classroom experience is also available through the medical residency training program. All classes are conducted by members of the program's clinical teaching staff.

Residents will have the opportunity to further develop their teaching skills throughout the year. Educational responsibilities include didactic and clinical instruction of pharmacy and medical students, nursing students, psychiatry residents, and medical staff. "Psychotropics Made Simple" lectures for medical students, psychopharmacology lectures for psychiatry residents, resident rounds with pharmacy students (APPE), and Case Conference and Grand Rounds presentations to the medical staff are activities in which the residents participate. Additionally, satellite video conferencing for these activities is available to further enhance the educational learning environment between NMPRC and CBM. Other presentations during the year include (but are not limited to) periodic case presentations, journal club presentations, and nursing educational in-services, as well as presenting projects and MUEs to the Pharmacy & Therapeutics (P&T) Committee.

UMKC School of Pharmacy offers a teaching certificate program that is optional for the pharmacy resident. Classes for this program are held monthly from September through May.

Research Activities

Residents have the opportunity to participate in ongoing research projects being conducted. Residents are required to complete two MUEs as administrative projects and one research project. The resident is required to formulate a research idea, develop a research proposal, obtain IRB approval when necessary, implement the project, and publish results (when possible) in paper, abstract, or poster form. The resident will submit their research project as a poster at the College of Psychiatric and Neurologic Pharmacists (CPNP) meeting and an optional presentation at the Midwest Pharmacy Residents Conference.

Kansas City

Kansas City is the 2nd largest city in Missouri and the 37th largest city in the United States. It spans the Missouri-Kansas border and has a wide variety of urban, suburban, and rural neighborhoods to explore and live in. Kansas City is home to a thriving performing arts community, our own special style of barbecue, multiple professional sports teams, and a rich history. Come visit us in the "Paris of the Plains!"



Top 10 Things To Do In Kansas City:

1. Discover your favorite BBQ restaurant
2. Soak in the art at the free Nelson-Atkins and Kemper Museums
3. Stock up on vegetables at the City Market
4. Watch your favorite team play against the Royals, Chiefs, or Sporting KC
5. Enjoy fine dining and shopping at the Plaza
6. Enjoy the culture at First Fridays in the Crossroads
7. Take a tour of Boulevard Brewing Company or The Roasterie
8. See your favorite performer at the Uptown, Midland, or Sprint Center
9. Enjoy classical music at the Kauffman Center
10. Have a night out in the Power & Light District

Where Are They Now?

Our recent graduates are currently employed in a wide variety of practice settings, including:

- Long Term/Extended Care
- Acute Care
- Ambulatory Care
- PGY-2 Program Directors
- Pharmacy Directors
- Industry
- Academia

Our graduates work across the country in places such as:

- The University of Kansas Hospital
- James Lovell VA
- Missouri Psychiatric Center
- Otsuka
- Missouri Department of Mental Health
- Minneapolis VA
- Tennessee Department of Mental Health
- Kaiser Permanente
- Kansas City VA

Contact Information

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Stipend & Benefits

- **Salary:** Contact the program director for current stipend (taxable income funded by Pharmacy Systems, Inc [PSI]).
- **Travel:** Certain expenses related to educational travel will be reimbursed by PSI up to a pre-determined amount. For a current amount and what expenses are covered, contact the residency program director. The amount typically covers expenses related to travel, lodging, meals (up to a per-diem amount) and meeting registration for the Midyear Clinical Meeting, CPNP meeting (includes poster), and Midwest Pharmacy Residents Conference.
- **Leave:** The resident may accumulate 1.75 hours per pay period of sick-time and there are 10 days of paid vacation/personal time per year. The resident is allowed up to three paid days exclusively for interviewing toward the end of the residency year. The resident does not have to use vacation days to attend specific educational meetings. State holidays will be observed when the resident is on-site at CBM and NMPRC.
- **Medical Insurance:** The resident may choose to enroll for medical, dental, and vision insurance. Residents are not covered for the first 30 days of employment. See details of coverage in PSI's personnel manual.
- **Benefits:** See details of coverage per PSI's Personnel Manual for Life Insurance, Long-Term Disability Insurance, Workmen's Compensation, and Unemployment Insurance.
- **Adjunct Faculty:** Residents are eligible for a 12-month adjunct clinical faculty appointment with the University of Missouri-Kansas City School of Pharmacy.

Applications & Qualifications

Applicants should have a Pharm.D. degree, or equivalent experience, with completion of an ASHP-accredited PGY-1 Pharmacy Residency Program and be eligible for licensure in Missouri. Interested individuals must send a completed application and curriculum vitae via PhorCAS. A personal interview will be required of those individuals possessing appropriate qualifications for the position. Further information can be obtained by contacting the program director.