

Jesse Brown VA Medical Center is a tertiary care facility classified as a Clinical Referral Level II Facility. It is a teaching hospital, providing a full range of patient care services, with state-of-the-art technology as well as education and research. Comprehensive health care is provided through primary and tertiary care in the areas of medicine, surgery, psychiatry, physical medicine and rehabilitation, neurology, oncology, dentistry and geriatrics. The Jesse Brown VA Medical Center has active affiliations with the Northwestern University Medical School and the University of Illinois at Chicago College of Medicine and Pharmacy. Over 900 University residents, interns, and students are trained each year.

Clinical pharmacy services at Jesse Brown VA Medical Center are provided by pharmacists employed by the VA and the University of Illinois College of Pharmacy. Decentralized clinical pharmacists provide pharmaceutical care to the inpatient population. Ambulatory care involvement includes pharmacy-managed clinics, as well as participation in interdisciplinary primary care clinics with physicians, nurses and dietitians. Clinical faculty are widely recognized for practice, teaching and research excellence. Jesse Brown VA Medical Center is a major site for clinical practice training for University of Illinois College of Pharmacy Pharm.D. candidates.

The Jesse Brown VA Medical Center PGY-2 Infectious Diseases Specialty Pharmacy Residency Program provides the resident with a well-rounded experience in Infectious Diseases with an emphasis on HIV care. The core rotations strengthen infectious diseases fundamentals while accommodating for individual experiences and specific areas of interest. The program is designed to develop the resident's clinical expertise in infectious diseases. In addition, the resident will gain experience through teaching, research, and involvement in our Antimicrobial Stewardship program. The goal of this residency program is to develop pharmacy practitioners with the skills necessary to work as part of a multi-disciplinary infectious diseases team.

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Jesse Brown VA Medical Center

820 South Damen
Chicago, IL 60612

Located in the Chicago Medical District



Post Graduate Year Two (PGY-2) Pharmacy Residency Program

PGY-2 Pharmacy Residency

The goal of this program is to assist the resident in his or her professional development in infectious diseases. Through experience in various areas of practice, the resident matures into a well-rounded infectious diseases practitioner.

Description:

Residency Type	PGY-2
Duration:	12 months
Number of Positions:	1
Application Deadline:	January 9th
Starting Date:	July 1st
Estimated Stipend:	\$45,036
Interview Required	On-Site
Interview Notification	February 15
Benefits include:	13 vacation 13 sick days 10 holidays
ASHP Code	658855

Requirements for consideration of application include:

- Pharm.D. degree
 - PGY1 Completion
 - U.S. Citizenship
 - Letter of intent
 - Three (3) letters of recommendation primarily from clinical clerkship preceptors
 - College transcripts (official, sealed)
 - On-site interview
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Professional Experience

Required

- Infectious Diseases Consultative Service
- Home Infusion
- Intensive Care Unit
- Antimicrobial Stewardship
- Transplant Infectious Diseases Consultative Service
- Longitudinal HIV Clinic

Electives

- Emergency Department
- Hepatitis C Clinic

Research Experience:

The resident will undertake several research projects throughout the year. The resident's major project will be presented at the Great Lakes Residency Conference and submitted to ICAAC or IDSA. Minor research projects will be undertaken throughout the residency, and results will be presented in appropriate venues. The resident will also gain experience in quality assurance by performing a Medication Use Evaluation. All projects must be approved by the director of the residency program.

Teaching Experience:

The resident will gain experience by educating and serving as a preceptor for the University of Illinois Pharm.D. candidates. The resident will also have the opportunity to receive a teaching certificate from Jesse Brown VA Medical Center in collaboration with the University of Illinois, College of Pharmacy.

Writing Experience:

With the assistance of his/her director, the resident will complete a manuscript suitable for publication. Additionally, the resident will gain experience by writing policies, newsletters, etc.

Public Speaking Experience:

The resident will be required to present at least 1 ACPE accredited presentation during their residency year to clinical pharmacists at our facility. The resident will also provide a monthly in-service for the Infectious Diseases Consultative Service on antimicrobial agents. Many opportunities will be available for smaller presentations in various group settings.



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Upon completion of this program, the resident will gain the knowledge and experience necessary to:

- Promote health improvement, wellness, and the prevention of infectious diseases.
- Optimize the outcomes of individuals with an infectious disease by providing evidence-based, patient-centered medication therapy as an integral member of an interdisciplinary team or as an independent clinician.
- Manage and improve anti-infective use processes.
- Demonstrate excellence in the provision of educational activities for health care professionals and health care professionals in training centering on optimizing anti-infective pharmacotherapy.
- Serve as an authoritative resource on the optimal use of medications used to treat individuals with an infectious disease.
- Demonstrate leadership and practice management skills.
- Conduct infectious diseases pharmacy practice research.

Patient Care Learning Experiences (Required)

General Infectious Diseases Consult Service (5 month learning experience):

The Infectious Diseases consult service is comprised of an infectious diseases attending physician, fellow and pharmacist, medical residents and students, and pharmacy residents and students. The ID consult service at JBVAMC provides care for approximately 5 to 15 patients daily. Patients on the ID consult service are those whose medical or surgical teams have requested advice on the treatment of a variety of infectious disease issues. This advice may include diagnosis and management of HIV, or HIV related illnesses and opportunistic infections; or assistance with diagnosis and treatment decisions for patients with nosocomial, community acquired infections, or sexually transmitted diseases.

The resident will act as a valuable member of this interdisciplinary team by providing recommendations for optimal anti-infective use upon a thorough review of all patient information, medication properties and microbiological data. In addition to being the medication specialist on daily rounds, the resident will also be responsible for teaching and co-precepting pharmacy students and PGY1 pharmacy residents. This includes facilitating discussions during daily meetings with students and PGY1 pharmacy residents and participating in student evaluations. The resident's preceptor will work closely with the resident to ensure adequate oversight while still allowing the resident's independent practice opportunities.

Infectious Diseases Transplant Consult Service (1 month learning experience):

The Infectious Diseases Transplant consult service offers the resident experience managing infections in patient who have undergone bone marrow or solid organ transplantation. This rotation is offered at the University of Illinois at Chicago Medical Center (located 2 blocks from Jesse Brown VA Medical Center.) The Infectious Diseases Transplant consult service is comprised of an infectious diseases attending physician, ID fellow and ID pharmacist, and provides care for approximately 10 to 15 patients daily. The ID resident will participate in daily teaching rounds with the ID attending physician, ID fellow, and ID pharmacist. The rotation provides many opportunities for discussion and instruction regarding

antifungals and antivirals, which are often used when treating immunocompromised patients. In addition, this patient population affords the resident with the opportunity to utilize unconventional antimicrobial regimens for complicated and multi-drug resistant fungal, viral, and bacterial infections.

Infectious Diseases (w/ emphasis on HIV) Clinic (longitudinal learning experience):

The I.D. resident will be a member of the multidisciplinary I.D. team that cares for outpatients with various infectious diseases with an emphasis on HIV care. During this longitudinal rotation, the I.D. resident will participate in 1 to 2 half days of clinic per week. This rotation provides the resident with an opportunity to gain insight into the general management of HIV/AIDS and related opportunistic infections and complications along with management of other infectious diseases. The goal of this rotation is to provide the I.D. resident with the skills necessary to become a confident practitioner in an I.D. clinic setting.

Antimicrobial Stewardship (2 month learning experience):

The Antimicrobial Stewardship rotation provides the resident with the opportunity to evaluate a variety of indications for anti-infectives and to develop the knowledge and skill necessary to assess the appropriateness of prescribed therapy. As part of this learning experience, the resident will retrospectively review patients on restricted and non-formulary antimicrobials to ensure that patients are receiving appropriate anti-infective therapies including appropriate dose and duration of therapy. Other responsibilities include multidisciplinary team education, creating policies and protocols that improve the use of antimicrobials, and pharmacokinetic monitoring. The goal of the Antimicrobial Stewardship Program is to maximize patient outcomes while minimizing the use of inappropriate or unnecessary antimicrobial therapy.

Intensive Care Unit (1 month learning experience):

The I.D. resident will be a member of a multidisciplinary Intensive Care Unit (ICU) team and also participate in clinical and administrative duties involved with the Operating Room (OR) and ICU. During this rotation, he/she will become familiar with a variety of acute and chronic disease states and the medications used to manage them in the ICU setting.

This rotation will emphasize the role of judicious antimicrobial use in both the ICU and OR. The resident will also become familiar with patient safety and performance measures in the OR and the role of a pharmacist in this setting. With this experience, this resident will be afforded the opportunity to work closely with the medicine, anesthesiology, and surgical services and actively participate in the healthcare of OR and ICU patients.

Home Infusion (1 month learning experience):

The Home Infusion rotation is designed to give the resident involvement in the provision of pharmaceutical care for patients enrolled in the Home Infusion Program. The Home Infusion Program at our institution provides intravenous therapy in the home setting for veterans after hospital discharge. The majority of patients enrolled in the Home Infusion program receive intravenous antimicrobial agents; however our program also offers total parenteral nutrition and hydration. The resident will have direct involvement with other members of the interdisciplinary team (physicians, home based primary care nurses, social workers, etc.) responsible for the care of these patients. In the inpatient setting, the resident will be involved in the coordination of intravenous therapy in the home setting. Upon hospital discharge, the resident will follow these Home Infusion patients through drug monitoring, follow-up phone calls, and appointments in clinic. In both the inpatient and outpatient setting, the plan of care for the patient will be documented in our electronic medical record.

Weekend Clinical Learning Experience (longitudinal learning experience):

I.D. Resident will be required to provide clinical services in the inpatient pharmacy 1 weekend per month throughout the residency year.

Patient Care Learning Experiences (Optional)

Hepatitis C Clinic (shortened longitudinal learning experience):

The resident will gain experience in the treatment of Hepatitis C through interviewing, counseling, evaluating drug therapy through subjective and objective findings, and developing, documenting, and initiating therapeutic plans for patients.

Emergency Medicine (2 week to 1 month learning experience):

The resident will be a member of a multidisciplinary Emergency Department team. The resident will be exposed to and become familiar with a wide variety of emergency medicine topics. Along with participating in the care of emergency department patients, the resident will also develop an appreciation for the role of the emergency department pharmacist in promoting safe and effective medication use in the ED.

Non-Patient Care Learning Experiences

Practice Management (longitudinal learning experience):

The primary goal of the longitudinal administrative experience is for the resident to gain a thorough understanding of the department's philosophy of comprehensive pharmaceutical care and to develop problem solving skills. The resident will attend and actively participate in the Pharmacy & Therapeutics Committee and Infection Control Committee meetings. The resident will review and update protocols and contribute a pharmacy practice perspective to issues related to infectious diseases. The resident will gain an understanding of the systematic approach that Jesse Brown VAMC pharmacy service utilizes to continually strive to identify and resolve current practice problems related to infectious diseases in hopes to enhance our ability to provide comprehensive services.

Research Project (longitudinal learning experience):

The resident must design and complete a residency research project during the course of the residency program. The project must be related to infectious diseases pharmacotherapy. The results of the research project will be written up in manuscript form for publication, and presented at the Great Lakes Residency Conference and to the Infectious Diseases Division at UIC.

Drug Policy Development and Projects (longitudinal learning experience):

The drug use policy development rotation is longitudinal. The primary goal for this rotation is for the resident to gain problem solving, drug information retrieval, evaluation and communication skills through project participation. The resident will also gain a better understanding of performance and quality improvement, and will provide all pharmacy related services for the patients and staff.

Additional Activities:

- Attend weekly I.D. Conference, I.D. Lecture, and Microbiology Rounds.
- Present a 1-hour ACPE accredited presentation.
- Participate in the Understanding Designs in Clinical Research program.
- Residents will be provided the opportunity to co-precept P4 students and PGY1 residents during various rotations.
- Participate in the Teaching Certificate Program offered through the University of Illinois College of Pharmacy (optional).