

VA Portland Health Care System



Pharmacy Residency Program 2019-2020

VA



U.S. Department of Veterans Affairs
Veterans Health Administration
VA Portland Health Care System

Message from the Chief

I want to sincerely thank you for considering joining our VA Portland Health Care System (VAPORHCS) Pharmacy Residency Program. VAPORHCS serves more than 95,000 unique Veterans and 950,000 outpatient Veteran visits each year in Oregon and Southwest Washington. VAPORHCS consists of the main tertiary care medical center overlooking the city of Portland, the Vancouver Campus in Vancouver, Washington, and 10 outpatient clinics across Central and Northwest Oregon. VAPORHCS provides a full continuum of inpatient, outpatient, long-term, and emergent care. We are proud to host 12 national-level Centers of Excellence leading research efforts from mental illness to Parkinson's, Epilepsy to auditory research, and others. VAPORHCS is connected to Oregon Health & Science University (OHSU) both physically and through academic partnerships training health care professionals.



The VAPORHCS Pharmacy Service is integrated amongst all aspects of care, providing pharmacists challenging and unique opportunities to practice and improve the lives of our Veterans. With over 170 staff members, our department is dedicated to a Veteran-centric practice model of providing safe, appropriate, and evidence-based medication management and education. Many of our pharmacists practice at the top of their license as clinicians with advanced scopes in several disease states. By training at VAPORHCS, residents can rotate through the acute care setting as well as the ambulatory care setting at our Community Based Outpatient Clinics (CBOCs). In addition, pharmacy service offers extended care to the specialty clinics at VAPORHCS which are unique elective opportunities for trainees.

The VA has been a leader in both advanced clinical practice for pharmacists and education. The benefits of training in the VA are limitless, but more so quickly grant you access to the Nation's largest health care system. This access will open you up to endless professional opportunities across the country.

Determining the appropriate location to receive your residency training is critical in reaching your professional goals. I strongly encourage you to look through this brochure to see what residencies and educational opportunities we offer. Choosing VAPORHCS to train will be one of the best professional decisions you make!

A handwritten signature in black ink that reads "Jeegisha Patel". The signature is fluid and cursive, with a large loop at the end of the last name.

Jeegisha Patel, PharmD, BCPS, CDE
Chief, Pharmacy Services



Unique Benefits of a VA Pharmacy Residency

The VA Pharmacy Residency Program is the largest training program for advanced clinical pharmacy practice in the country. VA trains several hundred residents annually in over 150 American Society of Health-System Pharmacists (ASHP) accredited residencies. The VAPORHCS PGY-1 residency program was first established in 1979 and is one of the first postgraduate pharmacy programs in Oregon. The residency includes a variety of practice areas, such as: Pharmacy Practice, Pharmacy Benefits Management, Pharmacy Administration, and Education. Residents receive an outstanding 12-month clinical patient care experience serving a challenging and rewarding Veteran population. Throughout the year, residents learn to coordinate quality primary care and acute care services with other specialty areas of health care in a stimulating interdisciplinary environment. Additionally, residents will be involved in exciting research and academic opportunities mentored by experienced pharmacist preceptors. VAPORHCS is proud to offer excellent residency training programs in Pharmacy Practice (PGY-1), Psychiatry (PGY-2), Ambulatory Care (PGY-2), and Health-System Pharmacy Administration (PGY1/PGY2).



VA Portland Pharmacy Service

Mission: To provide Veteran-centric pharmaceutical care that improves outcomes through a commitment to innovation, education, and collaboration.

VAPORHCS pharmacists serve as valuable members of patient care teams in the acute care, ambulatory care, and long-term care settings. Our department features a decentralized pharmacy service with barcode medication administration, IV admixture service, automated dispensing systems, electronic healthcare record, and automated prescription filling.

Our acute care clinical pharmacists provide care to patients on the medical and surgical units, intensive care unit, step-down units, acute psychiatry unit, operating room, and ambulatory surgery. Responsibilities include providing drug therapy and dosing recommendations, participating in team rounds, pain management consultation, anticoagulation management, pharmacokinetic dosing, medication reconciliation, and discharge patient education. Specialized clinical pharmacy care is provided in the following areas: Critical Care, Infectious Diseases, Oncology, Palliative Care, Psychiatry, Transplant, and Operative Care.

Our outpatient clinical pharmacists provide a wide range of pharmaceutical services to our Veterans in both Portland and Vancouver locations. Our clinical pharmacy specialists in the ambulatory care section support the Patient Aligned Care Teams (PACTs) in our Community Based Outpatient Clinics (CBOCs) and several specialty services including: Anticoagulation, Hepatitis C, Mental Health, Cardiology, Oncology and Pain Management. Additionally, Ambulatory Care Pharmacists perform thorough medication reconciliation, address drug information questions, consult with physicians and PACTs, provide medication counseling, and participate in evidence-based medication review on Drug Utilizations Teams. Pharmacists working in these areas can initiate and modify therapy for selected disease states under a scope of practice with a supervising provider and act as midlevel practitioners.

Our management team practices the philosophy of servant leadership and is trained in quality improvements utilizing the LEAN methodology. In addition, our Pharmacy Benefits Management (PBM) team continues to maintain consistency with the VA National Formulary and the Veterans Integrated Services Network (VISN 20) formulary, involving dedicated program managers skilled in pharmacoeconomics and health system administration. Our health system is continually in the process of updating and refining our capability to use computers as tools to assist in meeting the health care needs of our Veterans. Therefore, our pharmacy administration team includes a pharmacist dedicated

to implementing and staying current with computerized information system changes at the local, regional, and national levels. This informatics pharmacist also assists residents with data extraction for year-long research projects and medication use evaluations, both required as longitudinal assignments during the residency year.

Throughout the health system, pharmacists and pharmacy technicians have a strong voice in process improvement and quality assurance of pharmacy services. Pharmacists and technicians lead or serve on several committees including Patient Safety, Medical Service Council, Pharmacy and Therapeutics, Institutional Review Board, Research and Development, Order Menu Workgroup, Education, Antimicrobial Stewardship, Northwest Pain Committee, Clinical Pharmacy Practice Councils and many others dedicated to improving patient care.



Our Residency Programs

VAPORHCS offers Post Graduate Year 1 (PGY-1) Pharmacy Residency program, a two-year (PGY1/2) Pharmacy Residency in Health-System Administration, a Post Graduate Year 2 (PGY-2) in Psychiatry and a Post Graduate Year 2 (PGY-2) in Ambulatory Care. The programs allow residents a great deal of self-direction, learning and ability to maximize opportunities to explore areas of interest. We offer opportunities to gain skills in practicing pharmacy in a health-system institution focusing on acute care, ambulatory care and specialty care clinical services. Residents have opportunities to choose from a variety of electives which include, but are not limited to: infectious disease, transplant, oncology, and emergency medicine. Additionally, the proximity of our facility to Oregon Health & Science University Hospital, Oregon State College of Pharmacy, and Pacific University gives the residents an opportunity to participate in various educational opportunities including a teaching certificate program.

PGY-1 Pharmacy Residency (94004)

The purpose of this PGY-1 pharmacy residency program is to build on Doctor of Pharmacy (Pharm.D.) education and outcomes to contribute to the development of clinical pharmacists responsible for medication-related care of patients with a wide range of conditions, eligible for board certification, and eligible for postgraduate year two (PGY-2) pharmacy residency training.

The primary goal of the Portland VA PGY-1 is to prepare residents to function as well-rounded, independent, competent clinical pharmacists in patient care positions in an organized health care setting.

Learning Experiences (Core Rotations)

- Ambulatory Care: Mental Health
- Ambulatory Care: Primary Care
- Anticoagulation Clinic
- Critical Care
- Geriatrics Internal Medicine- CLC
- Internal Medicine
- Medication Safety
- Orientation (Residency/Inpatient/ Outpatient Operations)
- Pharmacy Administration

Continuity Clinics Experience

- Anemia, Geriatric Assessment, Hepatitis C, Heart Failure, Diabetes, Oncology, Neurology or Pain

Longitudinal Experiences

- Citywide Residency Conference (monthly meetings)
- Committee & Leadership Series (P&T/leadership series/other committees)
- Formulary Management (MUE/PADRs)
- Major Residency Project
- Management Project – Process Improvement
- Medication Safety
- Pharmacy Administration (Leadership)
- Pharmacy Staffing
- Presentations (formal case/journal club/seminar/CE)
- Resident Education Series & Teaching Certificate

Elective On-Site Experiences

- Academic Detailing
- Clinic Management
- Emergency Medicine
- Emergency Medicine
- Hematology/Oncology
- Hospice/Palliative Care
- Infectious Diseases
- Liver/ Kidney Transplant
- Neurology
- Neurology
- Pharmacy Informatics
- Psychiatry
- Surgical/Medical Critical Care
- Women's Clinic

**Electives at other institutions may be available but not guaranteed. (Oregon State Pharmacist license required for off-site elective. Elective time may be used for make up or repeat of core rotations if needed.

PGY1/PGY2 Health-System Pharmacy Administration (HSPA)/MBA (94023)

Our residency program provides an opportunity to accelerate growth in pharmacy administration beyond entry-level professional competence through supervised practice under guidance of model practitioners. PGY-2 pharmacy residency programs build on Doctor of Pharmacy (Pharm.D.) education and PGY-1 pharmacy residency programs to contribute to the development of clinical pharmacists in specialized areas of practice. PGY-2 residencies provide residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experience and knowledge and incorporating both into the provision of patient care that improves medication therapy. Residents who successfully complete an accredited PGY-2 pharmacy residency should possess competencies that qualify them for clinical pharmacist and/or faculty positions and position them to be eligible for attainment of board certification in the specialized practice area (when board certification for the practice area exists). The primary goal of the Portland VA PGY1/PGY2 is to prepare residents to function as well-rounded, independent, competent clinical pharmacists in administrative/supervisory positions in an organized health care setting. Graduates of the PGY1/PGY2 health-system pharmacy administration residency are prepared for a clinical or operational management/supervisory role in a variety of work settings including small to mid-size hospitals, large health systems, and pharmacy benefit management organizations.

A PGY-2 health-system pharmacy administration residency builds upon PGY-1 residency graduates' competence in the delivery of patient-centered care and in pharmacy operational services to prepare residents who can assume high level managerial, supervisory, and leadership responsibilities. Areas of competence emphasized during the program include safe and effective medication-use systems, quality assurance, the management of human resources, the management of financial resources, use of technology, and advanced leadership. The program, accredited by the American Society of Health System Pharmacists (ASHP) is a two-year pharmacy residency in health-system pharmacy administration earning an MBA with Oregon State University College of Business. This PGY 1/2 HSPA program has been accredited since 2015.

Learning Experiences (Core Rotations)

Year 1	Year 2
<ul style="list-style-type: none"> • Orientation 	<ul style="list-style-type: none"> • Orientation
<ul style="list-style-type: none"> • Internal Medicine 	<ul style="list-style-type: none"> • Health Systems Pharmacy Administration
<ul style="list-style-type: none"> • Critical Care 	<ul style="list-style-type: none"> • Medication Safety and Regulatory Compliance
<ul style="list-style-type: none"> • Ambulatory Care PACT Clinics 	<ul style="list-style-type: none"> • Pharmacy Informatics and Information Technology
<ul style="list-style-type: none"> • Ambulatory Care Mental Health 	<ul style="list-style-type: none"> • Human Resources Management
<ul style="list-style-type: none"> • Geriatrics Internal Medicine at CLC 	<ul style="list-style-type: none"> • Clinical and Education Program Management
<ul style="list-style-type: none"> • Pharmacy Administration • Continuity Clinics (Anticoagulation, Hep C, Anemia, HF) • Resident Education Series and Teaching Certificate • Major Residency Project I • Formulary Management/ MUE • Medication Safety • Committee and Leadership Series • Pharmacy Staffing • Management Project • Medication Safety 	<ul style="list-style-type: none"> • Chief Resident • Inpatient Pharmacy Management • Outpatient Pharmacy Management • Formulary Management • Drug Utilization and Management • Capstone Project- Major Project II

Elective On-Site Experiences

- Academic Detailing
- Emergency Medicine
- Hematology/Oncology
- Infectious Diseases
- Liver/ Kidney Transplant
- Medical Center Executive Management
- Neurology
- Pain Management/Palliative Care
- Pharmacoeconomics
- Psychiatry
- Regional (VISN) Leadership

Special Features

Leadership Development

- Department Strategic and Succession Planning
- HBDI and StrengthsFinder
- Nuts and Bolts of Supervision
- Preceptor for PGY-1 Longitudinal Leadership Development Series
- Root Cause Analysis Team
- Training in Quality Improvement and Yellow Belt (Lean) Methodologies

Personnel Management

- Acting Inpatient and Outpatient Pharmacy Supervisory role
- Chief Resident- mentor to PGY-1 residents
- Individual & Team Employee Development
- Recruitment and Retention
- Relationship Building

Resource Utilization

- Financial Analysis and Budget Formulation
- Pharmacoeconomics, Technology Advancement and Implementation
- Supply Chain and Drug Shortage Management activities

PGY-2 Psychiatric Pharmacy Residency (94028)

- **Purpose statement:**

The PGY-2 psychiatric pharmacy residency program builds on Doctor of Pharmacy (Pharm.D.) education and PGY-1 pharmacy residency programs to contribute to the development of clinical pharmacists in advanced or specialized practice. The PGY-2 psychiatric pharmacy residency provides residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experience and knowledge and incorporating both into the provision of patient care that improves medication therapy. Residents who successfully complete an accredited PGY-2 psychiatric pharmacy residency should possess competencies that qualify them for clinical pharmacist and/or faculty positions and position them to be eligible for attainment of board certification in psychiatric pharmacy (BCPP).

- **Program Description:**

Our program is a 12-month, PGY-2 Psychiatric Pharmacy Residency accredited by the American Society of Health System Pharmacists (ASHP). The program is designed to offer a variety of training experiences in both the inpatient and outpatient mental health treatment settings, as well as specialty areas such as substance use disorders, pain, and geriatric psychiatry. Additionally, elective opportunities are available to allow residents to explore areas such as academic detailing, neurology, and consult/liaison psychiatry. This program is tailored to each resident to suit his/her unique past experiences and goals, as well as strengths and areas for improvement. Additionally, residents are expected to develop critical self-evaluation and leadership skills that will enable them to be a successful psychiatric pharmacy practitioner regardless of practice setting. Residents will be encouraged to develop an approach to the profession that facilitates life-long learning and career satisfaction.

Learning Experience (Core Rotations)

- Orientation
- Inpatient Psychiatry
- Outpatient Psychiatry
- Substance Use Disorders
- Primary Care Mental Health Integration
- Formulary Management
- Geriatric Psychiatry
- Major Residency Project
- Mental Health Administration
- Teaching and Education

Program Structure

1-4 weeks*
12 weeks
12 weeks
2-3 weeks
4-6 weeks
Longitudinal
Longitudinal
Longitudinal
Longitudinal
Longitudinal

*Duration will depend on where resident completed his/her PGY-1 residency

Elective On- Site Experiences

- Neurology
- Consult Liaison Psychiatry
- Academic Detailing (VISN 20)
- Pain Management
- Mental Health Intensive Case Management (MHICM)

Program Structure

4 weeks
4 weeks
4 weeks
4 weeks
4 weeks

PGY-2 Ambulatory Care Residency Program (94038)

The purpose of the PGY-2 Ambulatory Care Pharmacy Residency program is to build on Doctor of Pharmacy education and the PGY-1 pharmacy residency program to contribute to the development of clinical pharmacists in advanced ambulatory care pharmacy practice. The PGY-2 Ambulatory Care residency provides residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experience and knowledge and incorporating both into the provision of patient care that improves medication therapy.

Residents who successfully complete an accredited PGY-2 Ambulatory Care residency should possess competencies that qualify them for clinical pharmacy specialists, academia and/or clinical coordinator positions as well as be eligible for attainment of board certification in ambulatory care pharmacy.

Learning Experiences (Core Rotations)

• Orientation (Residency/Pharmacy Operations)	4 weeks
• Anticoagulation	16 weeks
• Cardiology/Heart Failure	16 weeks
• Primary Care – Vancouver Clinic	18 Weeks
• Primary Care – Resident Clinic	18 weeks
• Women’s Health	16 weeks
• Academia (Teaching Certificate) *	Longitudinal
• Formulary Management (MUE/PADRs)	Longitudinal
• Major Residency Project	Longitudinal
• Ambulatory Care Pharmacy Operations	Longitudinal
• Teaching and Education	Longitudinal

* Residents will not be required to partake in teaching certificate program if entering the residency with a teaching certificate from another institution.

Program Structure

Elective On-Site Experiences

• Hematology/Oncology	4 weeks
• Hepatology	4 weeks
• Infectious Diseases	4 weeks
• Liver/Kidney Transplant	4 weeks
• Mental Health	4 weeks
• Neurology	4 weeks
• Pain Management	4 weeks

Program Structure

Special Features

Prescriptive authority

Residents have prescriptive authority to order medications, laboratory and diagnostic tests, and consults to other services within their scope of practice.

Education series

Residents present journal clubs, patient cases, and disease state reviews to residents and preceptors

Chief Resident

PGY-2 ambulatory care residents serve as mentors to PGY-1 residents with the possibility of being Chief Resident for the residency programs.

Interdisciplinary collaboration

Clinical Pharmacy Specialists and residents are core members of the Patient-Aligned Care Team (PACT), and provide disease state management. Each team consists of a primary care provider, pharmacist, nurse, social worker, dietician, and a mental health provider. Additionally, the resident will practice in the medical residents’ clinic fostering an interdisciplinary learning environment for part of the year.

Innovation

VA Portland HCS is the home base for the Northwest Innovation Center. The resident will have the opportunity to be involved in clinical application management and implementation of population management resources to provide efficient medication management to our veterans.



Preceptors

VAPORHCS preceptors are a highlight and strength of our program. Our preceptors hail from across the United States and bring a plethora of unique clinical and educational experiences to the table.

Our inpatient and long-term care preceptors earned their pharmacy degrees from over a dozen different schools of pharmacy and have completed their PGY-1 residency training in various sites, the majority being VA PGY-1 residency programs. Within Ambulatory Care and Anticoagulation, our preceptors graduated from over 10 different pharmacy schools, and several have also completed residency training within the VA system.

Multiple preceptors have nationally recognized accomplishments, which include: Board Certification in Pharmacotherapy, Critical Care, Oncology, Ambulatory Care, Geriatrics, Anticoagulation, and/or Psychiatry as well as Certified Diabetes Educator status. Additionally, our preceptors have been recognized and selected for awards such as Lecturer of the Year at Oregon State University, Preceptor of the Year at Oregon State University and Pacific University, Pharmacist of the Year from the Oregon Society of Health-System Pharmacists, Fellow of the Oregon Society of Health-System Pharmacists, and APPE Clinical Preceptor of the Year at Oregon State University. Our staff have also been recognized at the Oregon Health & Sciences University for being excellent preceptors to our medical residents.

The preceptors stay active with board member participation for state and national pharmacy organizations, and some have obtained a Master's Degree in Health-System Administration, Business or Public Health. Multiple preceptors have published and presented at various pharmacy conferences and venues across the country.

Our preceptors serve as valuable members of the health care team, are committed to the profession of pharmacy, and demonstrate exceptional leadership and mentoring skills while providing optimal patient-centered care. In their dedication to creating a healthy learning environment, they help foster the growth and independence of the residents throughout the course of the residency year.

Pharmacy Applicant Qualification and Application Process

- Doctor of Pharmacy Degree from an Accredited School of Pharmacy
 - Certificate of completion of an ASHP accredited PGY-1 pharmacy residency program (for PGY-2 programs)
 - Eligible for licensure to practice pharmacy in any state
 - United States citizenship
 - Participation in the ASHP Resident Matching Program Application Process
 - All applicant materials must be submitted through Pharmacy Online Residency Centralized Application (PhORCAS) by the second Friday of January
 - Official School or College of Pharmacy transcript
- ** Please submit an official transcript by the due date. If fall/winter APPE rotation grades are not included in your official transcript, please advise your school advisor, regional coordinator, or APPE coordinator to address a letter with APPE rotation grades*
- Letter of Intent
 - Curriculum Vitae
 - Three letters of recommendation using the standardized reference template in PhORCAS (for PGY-2 programs, please make sure one of these letters is from your PGY-1 Residency Program Director)
 - Extracurricular Information
 - Selected applicants will be invited to a personal on-site interview late-January or early-February.

https://www.portland.va.gov/pharmacy/Pharmacy_Residency.asp

