

VA Portland Health Care System



Pharmacy Residency Program 2025-2026

June 30, 2025 – June 30, 2026

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 foundation of VAPORHCS's goals and strategic plan is Diversity, Equity, and Inclusion (DEI). Our priorities focus on stabilizing the workforces, increasing access to care, and continuing our high reliability organization (HRO) journey. This includes leadership commitment, culture of safety and ensuring the well-being of our staff and Veterans by integrating Whole Health Systems (WHS) across the organization.

The Portland VA Medical Center is a teaching hospital that provides a full range of services, with state-of-the-art technology as well as education and research. More than 1,200 university residents, interns, and students receive training each year. We provide professional training in most major medical and surgical specialties and subspecialties. Our training programs include residencies in: Nursing, Dentistry, Pharmacy, Social work, Psychology, Chaplaincy, Nuclear medicine, Physical therapy, Occupational therapy, Dietetics, Audiology, and Speech pathology. We have partnerships with many colleges, universities, and professional schools throughout the Northwest including Oregon State College of Pharmacy, Pacific University, and Clark College. We're proud of our partnerships with top institutions and organizations that support the educational mission of the VA.

The VAPORHCS Pharmacy Service is integrated amongst all aspects of care, providing pharmacists challenging and unique opportunities to practice and improve the well-being of our Veterans. We are dedicated to an interdisciplinary practice model of providing safe, appropriate, and evidence-based medication management and education. Furthermore, the Pharmacy division is committed to DEI, WHS, and HRO principles.

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, reading 'Jeegisha Patel'. The signature is fluid and cursive, with a large loop at the end.

Jeegisha Patel, PharmD, BCPS
Chief, Pharmacy Services



Pictured Left: Some members of the Pharmacy Resident Class of 2020-21



Pictured Right: PGY2 Class of 2021-22

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.

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. Our residents also have the opportunity to network with VA PGY1 residents across the country during monthly national PGY1 resident conferences. Additionally, residents will be involved in impactful quality improvement projects and valuable teaching opportunities mentored by experienced pharmacist preceptors. In addition to clinical patient care experiences, the residency includes a variety of practice areas, such as: Pharmacy Practice, Pharmacy Benefits Management, Pharmacy Administration, and Education. VAPORHCS is proud to offer excellent residency training programs in Pharmacy Practice (PGY-1), Psychiatry (PGY-2), Ambulatory Care (PGY-2), and Pain & Palliative Care (PGY-2).

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, 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, Neurology, Palliative Care, and Transplant.

Our outpatient clinical pharmacists provide a wide range of pharmaceutical services to our Veterans in both Portland and Vancouver locations. Our clinical pharmacy practitioners (CPPs) in the ambulatory care section support the Patient Aligned Care Teams (PACTs) in our Community Based Outpatient Clinics (CBOCs). We also have CPPs dedicated to support several specialty services, including: Anticoagulation, Hepatology, Psychiatry, Substance Use Disorders, Geriatrics, Cardiology, Oncology, and Pain Management. Additionally, CPPs perform thorough medication reconciliation, address drug information questions, consult with physicians and interdisciplinary teams, provide medication counseling, and participate in evidence-based medication review and formulary management. 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 mid-level practitioners.

Our management team practices the philosophy of servant leadership and is trained in quality improvements utilizing the LEAN six-sigma 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 continuously 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, Education, Antimicrobial Stewardship, Center for Integrative Pain Care, Psychopharmacology Community of Practice, Clinical Pharmacy Practice Councils, and many others dedicated to improving patient care.



Our Residency Programs

VAPORHCS offers a Post Graduate Year 1 (PGY-1) Pharmacy Residency program and Post Graduate Year 2 (PGY-2) programs in Psychiatry, Ambulatory Care, and Pain & Palliative 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 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.

Program	ASHP Residency Code
<u>PGY-1 Pharmacy Residency</u>	(94004)
<u>PGY-2 Psychiatric Pharmacy Residency</u>	(94028)
<u>PGY-2 Ambulatory Care Residency Program</u>	(94038)
<u>PGY-2 Pain and Palliative Care Residency Program</u>	(94906)

PGY-1 Pharmacy Residency Program (94004)

ASHP Accredited Residency

Start Date: 07/01/2025

The purpose of the PGY-1 pharmacy residency program is to build on the 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. Completion of the PGY-1 pharmacy residency will provide eligibility for board certification and 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 a health care setting.

Learning Experiences (Core Rotations)

Each core rotation is 4-5 weeks in duration

- Orientation (Residency/Inpatient/Outpatient Operations)
- Ambulatory Care: Mental Health
- Ambulatory Care: Primary Care
- Critical Care
- Geriatrics Internal Medicine - Community Living Center
- Internal Medicine
- Pharmacy Administration
- Anticoagulation

Longitudinal Experiences

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

Elective On-Site Experiences

- Academic Detailing
- Emergency Medicine
- Hematology/Oncology
- Hospice/Palliative Care
- Infectious Diseases
- Liver/Kidney Transplant
- Neurology
- Inpatient Psychiatry
- Women's Clinic

Each elective is 2-4 weeks in duration
(choice of up to 3 electives)

*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.

PGY-2 Psychiatric Pharmacy Residency Program (94028)

ASHP Accredited Residency

Start Date: 07/01/2025

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 well-balanced training experiences in both the inpatient and outpatient mental health treatment settings, as well as specialized practice areas such as Substance Use Disorders, Neurology, and Residential Treatment. Residents will participate in a pharmacist-run clozapine clinic as part of their outpatient psychiatry learning experience as well as gain experiencing managing a panel of complex psychiatric outpatients. During the inpatient learning experience, residents will collaborate with a multidisciplinary team, which includes trainees from psychiatry, nursing, and social work. Additionally, elective opportunities are available to allow residents to explore areas such as Academic Detailing, Pain Management, Geriatric Psychiatry, and Consult/Liaison Psychiatry. This program is tailored to each resident to suit their unique past experiences and goals, as well as strengths and areas for improvement. Additionally, residents will be given clinical privileges under a mental health scope of practice and will use such to order medications, labs, and consults. Residents will be expected to develop critical self-evaluation and leadership skills throughout the residency year that will enable them to be successful psychiatric pharmacy practitioners regardless of practice setting.

Learning Experience (Blocked Rotations)

Duration

- | | |
|---|------------|
| • Orientation | 1-4 weeks* |
| • Inpatient Psychiatry | 12 weeks |
| • Outpatient Psychiatry | 12 weeks |
| • Neurology | 4 weeks |
| • Residential Rehabilitation and Treatment Programs (R RTP)
& Substance Use Disorder | 4 weeks |

*Duration will depend on where resident completed their PGY-1 residency

Learning Experience (Longitudinal Rotations)

- Primary Care – Medication Assisted Therapy (PC-MAT)
- Formulary Management
- Major Residency Project
- Mental Health Administration
- Staffing (Prior Authorizations/E-Consults)

Learning Experience (Blocked Rotations)****Duration**

• Consult Liaison Psychiatry	4-5 weeks
• Academic Detailing (VISN 20)	4-5 weeks
• Pain Management	4-5 weeks
• Inpatient Psychiatry II (Advanced Elective)	4-5 weeks
• Outpatient Psychiatry II (Advanced Elective)	4-5 weeks
• Geriatric Psychiatry	4-5 weeks

PGY-2 Ambulatory Care Residency Program (94038)

ASHP Accredited Residency

Start Date: 07/01/2025

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 or other advanced practice settings. Residents who successfully complete an accredited PGY-2 pharmacy residency are prepared for advanced patient care, academic, or other specialized positions in ambulatory care, along with board certification, if available.

Required Learning Experiences (Core Rotations)

Duration

• Orientation (Residency/Pharmacy Operations)	4 weeks
• Anticoagulation	12 weeks
• Cardiology/Heart Failure	12 weeks
• Academic Detailing	12 weeks
• Population Health Management	12 weeks
• Primary Care – Vancouver Clinic	18 weeks
• Primary Care – Resident Clinic	18 weeks
• Formulary Management (MUE/Prior Authorizations)	Longitudinal (52 weeks)
• Major Residency Project	Longitudinal (52 weeks)
• Pharmacy and Primary Care Administration	Longitudinal (52 weeks)
• Teaching and Education	Longitudinal (52 weeks)

Elective On-Site Learning Experiences (Choice of Two)

Duration

• Hematology/Oncology	4 weeks
• Hepatology	4 weeks
• Liver/Kidney Transplant	4 weeks
• Mental Health	4 weeks
• Neurology	4 weeks

Elective rotations are available at VAPORHCS in a variety of patient care settings. This program will be flexible to accommodate each resident's area of interest. Electives at other institutions may be available but are not guaranteed (Oregon State pharmacy license required for off-site electives). *Elective time may be used for making up or repeating core rotations.*

PGY-2 Pain and Palliative Care Residency Program (94906)

ASHP Accreditation Candidate

Start Date: 07/01/2025

The PGY-2 residency programs in pain management and palliative care builds on Doctor of Pharmacy (Pharm.D.) education and PGY-1 pharmacy residency programs to contribute to the development of clinical pharmacists in a highly specialized area. The PGY-2 residency will provide the resident the opportunity to work as an integral member of interdisciplinary teams and function independently as a practitioner. The resident will receive training to become knowledgeable in a variety of acute and chronic (cancer and non-cancer) pain conditions. They will also develop the skills necessary to provide palliative care to patients throughout their illness and at the end-of-life. Residents who successfully complete this program will be prepared for advanced patient care and/or academia in a pain management and palliative care positions.

Required Learning Experiences (Core Rotations)

Duration

• Orientation (Residency/Pharmacy Operations)	4 weeks
• Center for Integrative Pain Care	12 weeks (3 days/week)
• Outpatient Palliative Care	12 weeks (2 days/week)
• Inpatient Adult Pain Service	4 weeks
• Inpatient Palliative Care	4 weeks
• Substance Use Disorder/Mental Health	4 weeks
• Pain Management, Opioid Safety, and PDMP	4 weeks
• Outpatient Palliative Care	Longitudinal (36 weeks)
• Education and Professional Development	Longitudinal (52 weeks)
• Major Residency Project	Longitudinal (52 weeks)
• Organization and Residency Work Commitments	Longitudinal (52 weeks)

Elective On-Site Learning Experiences (Choice of Three)

Duration

• Emergency Department	4 weeks
• Neurology	4 weeks
• Psychiatry	4 weeks
• Opioid Treatment Program	2-4 weeks*
• Hematology/Oncology	4 weeks
• Community Living Center – Geriatric Internal Medicine	4 weeks
• Inpatient Surgery	4 weeks
• Residential Rehabilitation Treatment Program	4 weeks

Elective rotations are available at VAPORHCS in a variety of patient care settings. This program will be flexible to accommodate each resident's area of interest. Electives at other institutions may be available but are not guaranteed (Oregon State pharmacy license required for off-site electives). *Elective time may be used for making up or repeating core rotations.*

Special Features of PGY-2 Programs

Prescriptive authority

After being deemed competent by RPD and upon approval by credentialing, PGY2 residents will be granted 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 other trainees and preceptors.

Chief Resident

PGY-2 residents serve as mentors to PGY-1 residents with a quarterly rotation of the Chief Resident learning experience.

Interdisciplinary collaboration

Clinical Pharmacy Specialists and residents are core members of the interdisciplinary team and provide disease state management. Interdisciplinary teams consist of physicians, nurse practitioners, pharmacists, nurses, social workers, and medical support assistants. Additionally, the resident will practice in longitudinal interdisciplinary clinics throughout the year that foster team-based learning environments.

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.



Pictured Above: Resident Class of 2024-2025

Residency Program Directors



Dr. Lynnette Harlow, PharmD

Associate Service Chief

PGY-1 Pharmacy Practice Residency Program Director

lynnette.harlow@va.gov



Dr. Jeanne Peterson, PharmD, BCPP

Mental Health Clinical Pharmacist Practitioner

PGY-2 Psychiatry Residency Program Director

jeanne.peterson@va.gov



Dr. Jason Patterson, PharmD

PGY-2 Ambulatory Care Residency Program Director

jason.patterson@va.gov



Dr. Mina Lee, PharmD

Pharmacy Supervisor

PGY-2 Pain/Palliative Care Residency Program Director

mina.lee1@va.gov

Preceptors

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

Our preceptors have earned their pharmacy degrees from a wide variety of pharmacy schools and have completed their residency training programs in various sites across the country.

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 Oregon Health & Sciences University for being excellent preceptors to our medical residents.

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. Multiple preceptors have published and presented at various pharmacy conferences and venues across the country. In their dedication to creating a healthy learning environment, they foster the growth and independence of the residents throughout the course of the residency year.

Meet the Resident Class of 2024-25

PGY-1 Pharmacy Practice Residents



Dr. Kunal Madan, PharmD
(he/him/his)

Pharmacy School: University of California, San Francisco (UCSF)

Practice interests: Pain Management, and Substance Use

Fun Fact: In pharmacy school I won an award for “most likely to survive in the wilderness” due to my mushroom hunting skills

kunal.madan@va.gov



Dr. Aubrey Stolte, PharmD
(she/her/hers)

Pharmacy school: Purdue University College of Pharmacy

Practice interests: Infectious diseases, ambulatory care

Fun Fact: I have two cats named Pip and Tazo!

aubrey.stolte@va.gov



Dr. Kim Vo, PharmD
(she/her/hers)

Pharmacy school: University of Iowa

Practice interests: Psychiatry, Ambulatory Care

Fun Fact: I have a board game collection consisting of >50 different games

kim.vo@va.gov

PGY-2 Ambulatory Care Resident



Dr. Kendyl Sing, PharmD
(she/her/hers)

Pharmacy school: University of Pittsburgh School of Pharmacy

PGY1 Residency: VA Puget Sound Healthcare System (Seattle, WA)

Practice interests: Ambulatory care, Specialty medications, Oncology

Fun Fact: I've been playing volleyball since I was 11

kendyl.sing@va.gov

PGY-2 Pain/Palliative Care Resident



Dr. Tiffany Cadwallader, PharmD
(she/her/hers)

Pharmacy School: Auburn University Harrison College of Pharmacy

PGY-1 Residency: Kansas City VA

Practice Interests: Pain management, palliative care, substance use disorders, psychiatry

Fun Fact: I have a goose wall

tiffany.cadwallader@va.gov

PGY-2 Psychiatry Residents



Dr. Bryanna Haynes, PharmD
(she/her/hers)

Pharmacy School: Howard University, College of Pharmacy

PGY-1 Residency: VA Portland Health Care System

Practice Interests: Mental Health, Population Health Management, Teaching

Fun Fact: I keep books in my clothes drawers (and take out the clothes) when i run out of shelf space

bryana.haynes@va.gov



Dr. Vivian Lu, PharmD
(she/her/hers)

Pharmacy School: Chapman University

PGY-1 Residency: VA Sierra Nevada Health Care System (Reno, NV)

Practice Interests: Inpatient Psychiatry, Pharmacogenomics

Fun Fact: I have a pet turtle!

vivian.lu2@va.gov



Pharmacy Applicant Qualification and Application Process

Applicant Qualifications

- 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)

Selected applicants will be invited to a virtual interview in late-January or early-February.