



To prospective candidates:

John Muir Health offers a structured yet flexible **PGY-1 Pharmacy Residency Program** that provides training opportunities in all areas of modern, acute care hospital pharmacy operations. Our program integrates clinical, administrative, and distributive functions that will assist the resident in developing the skills necessary to become well-rounded pharmaceutical care professionals in a variety of practice settings or in preparation for a PGY-2 training program.

Contact us about taking part in this opportunity to grow and be a collaborative member of the healthcare team!

Visit our website: <https://www.johnmuirhealth.com/get-involved/careers/pharmacy-residency.html>

Our Mission	Improve the health of the communities we serve with quality and compassion	
Location	- Walnut Creek, California 25 miles East of San Francisco 45 miles Northeast of Silicon Valley 45 miles South of Napa and Sonoma Counties	
Our Specialties & Services	➤ Trauma (Level II, Contra Costa County's only designated trauma center) ➤ Cardiac Care ➤ Emergency medicine ➤ Orthopedics ➤ Neurosciences ➤ Rehabilitation ➤ Obstetrics ➤ Pediatrics ➤ Cancer Care ➤ Ambulatory Care ➤ Infusion Center	
Available Resident Learning Experiences	➤ Administrative Practice ➤ Advanced Internal Medicine ➤ Ambulatory Care ➤ Critical Care ➤ Cardiology ➤ Emergency Medicine ➤ Infectious Disease ➤ Investigational Drugs & Research ➤ Clinical Informatics ➤ Internal Medicine ➤ Neuro/Trauma ICU ➤ Oncology ➤ Orthopedic Surgery ➤ Medication Safety ➤ Pediatrics ➤ Pharmacy Operations ➤ Ambulatory Pharmacotherapy Clinic ➤ Specialty Pharmacy	
Other Opportunities	• APPE/IPPE student precepting (UCSF, Touro, UOP) • Pharmacy Grand Rounds • Leadership activities • Teaching Certificate • ACLS/PALS Certifications • Committee involvement	

Sincerely,

Ramy Khem, PharmD, APh, BCPS, BCCCP

Email: ramy.khem@johnmuirhealth.com

Residency Program Director

PGY1 Pharmacy Residency Program

Our residency program offers a range of experiences in a pioneering community hospital setting. We focus on teamwork, as our pharmacists are integrated as an important part of the healthcare team. By creating an environment where our residents can think critically and innovatively, we aim to provide a foundation where new pharmacists will deliver high quality healthcare.

The residency is a structured, yet flexible, program providing training in all areas of clinical and hospital pharmacy operation. Our enthusiastic preceptors work to create a program to align with the resident's interests and goals.

Salary and Benefits

Annual Salary \$70,000

Includes Medical, Dental and Vision coverage.

Leave is accrued per pay period based on hours paid, excluding overtime. Accrual begins on the first day of employment. Leave may be used to attend professional conferences and for post-graduate or job interviews. All residents are provided with a stipend to support travel, lodging, and registration fees for the purposes of professional conferences. The amount of the travel stipend is determined each year and may not cover all travel expenses.

Virtual Open House

Nov. 17th 2026, 4:00 – 5:00 pm (PST)

To RSVP or for more information email:
pharmacy.residency@johnmuirhealth.com

Required Learning Experiences

- Ambulatory Care
- Internal Medicine
- Critical Care
- Administrative Practice
- Pharmacy Operations

Elective Learning Experiences

Emergency Medicine, Pediatrics, Neurocritical Care, Advanced Internal Medicine, Oncology, Infectious Disease, Cardiology, Orthopedic Surgery, Investigational Drug & Research, Ambulatory Pharmacotherapy Clinic, Clinical Informatics, Specialty Pharmacy, and Medication Safety.

Residents will also have opportunities in obtaining a Teaching Certificate, ACLS/PALS certifications, presenting a research project at Western States Conference, leadership with committee participation, Pharmacy Grand Rounds, precepting IPPE/APPE students, and interdisciplinary team-based care with the Family Practice Medical Residents.

NMS code: 269813

How to Apply

All applicants must register for The Match-ASHP Resident Matching Program AND submit an application through the PhORCAS

website: <http://www.ashp.org/phorcas>

The deadline for applications and all supplemental requirements for acceptance is January 2, 2027

Application must include the following components:

- Letter of intent describing the elements of the program that most interest you and how each relates to your goals
- Three (3) letters of recommendation using the standard PhORCAS template, at least one reference should come from a preceptor who you have worked with in a clinical setting
- Supplemental Application Material: Submit a short video of yourself (upload to youtube) and email the link to pharmacy.residency@johnmuirhealth.com that contains the following:
 - (a) Introduce yourself – say your full name and pharmacy school
 - (b) Answer the question: "What made you choose pharmacy as a profession?"
 - (c) Duration is 2 minutes or less
 - (d) Email Subject: "Your Name – Residency Application Video"



PGY1 Pharmacy Resident Schedule-At-A-Glance

Activity	Block 1		Block 2		Block 3		Block 4		Block 5		Block 6		Block 7	
Residents:														
#1	Orientation	Admin MUE, Monograph, ADR Quarter Report, Research Project IRC Submission, Staffing	Medicine	Critical Care	Operation	Admin Research Project Data Collection, CE Presentation, Staffing	Elective 1	Am Care	Elective 2	Elective 3	Admin Manuscript, Staffing			
#2			Operation	Am Care	Medicine		Critical Care	Elective 1	Elective 2	Elective 3				
Longitudinal Learning Experiences	Administrative Practice (concentrated blocks throughout year to complete administrative duties)													
Teaching Certificate Program	The UCSF Teaching Certificate Program is jointly sponsored by UCSF Medical Center and UCSF School of Pharmacy. The program is designed to support the development of residents in the design and conduct of small group teaching, large group teaching, and experiential education.													
Meetings	P&T Pharmacy Department Meeting Resident Meeting Longitudinal Committee Resident Development Plan													
Events	Quarterly Resident- Preceptor Social			Pharmacy Week	CSHP Open House	ASHP Midyear Poster presentation	PGY1 candidate interviews				Western States platform presentation	Annual Preceptor Workshop	End of Year Banquet	

Learning Experience Description

Required Learning Experience	Overview
Ambulatory Care (teresa.woo@johnmuirhealth.com) Location: Commercial Circle, Concord	- Anticoagulation – phone based, primarily warfarin management including bridge therapy (comprises approximately 50% of rotation duties) - Family Medicine Clinic – face-to-face, medication education and drug information - Comprehensive Care Clinic – face-to-face, patient interviews, comprehensive medication review in conjunction with medical residents in the JMH Family Medicine Residency program - Palliative Care Clinic, Gender Affirming Clinic, Mobile Clinic
Critical Care (alfredo.rayray@johnmuirhealth.com) Location: Walnut Creek Medical Center	24-bed Medical/Surgical ICU - Multidisciplinary team rounding in a fast-paced environment - Specialties include surgery, hematology/oncology, GI, cardiology, gyn-oncology, pulmonology, ID, nephrology
Internal Medicine (anthony.thai@johnmuirhealth.com) Location: Walnut Creek Medical Center	- Focuses on medication therapy management for patients admitted to the general medicine/step down units - Conditions/disease states include: AFib, CHF, HTN, DM, COPD, CKD - Medication Reconciliation
Pharmacy Operations (catherine.song@johnmuirhealth.com) Location: Walnut Creek Medical Center	- Staffing in a centralized pharmacy team setting to improve proficiency in medication distribution using various technologies - Care provided for over 300 patients, 3 cath labs, 13 ORs, outpatient infusion center, various ICUs, and labor & delivery services - Duties will include order verification, IV's, manual checking of doses/cartfills/emergency medication boxes, technician oversight
Administrative Practice (jared.garcia@johnmuirhealth.com) (Longitudinal) Location: Multisystem	- Collaboration with pharmacy managers, supervisors, and other department leaders within the multi-facility health system - Various projects will support the functioning of the inpatient pharmacy, clinical staff, and health system: ✓ MUE, monograph ✓ Cost savings initiatives ✓ Teaching Certificate ✓ Committee involvement ✓ Mobile Clinic community service ✓ Research and education (residency project, CE presentation)
Elective Learning Experience*	Overview
Emergency Medicine (ravipal.singh@johnmuirhealth.com) Location: Walnut Creek Medical Center	40 beds 4 trauma bays (Contra Costa County's adult trauma center, Level II) - Multidisciplinary management of patients in a fast-paced environment - Specialties include trauma, GI, ID, general medicine, surgery, cardiology, endocrinology
Medication Safety (vimerald.henss@johnmuirhealth.com) Location: Multisystem	- Expose residents to key principles used to improve medication safety in the hospital setting - Become proficient at medication safety nomenclature, policies, and regulatory requirements - Participate in medication use review, medication error investigation, perform data analysis to identify areas for improvement, and participate in Medication Safety Committee
Orthopedic Surgery (anthony.thai@johnmuirhealth.com) Location: Walnut Creek Medical Center	- Focus on autonomy and independence on the orthopedic units. Responsible for all clinical activities as the pharmacist on team including pharmacy driven protocols/consults, order verification, and code response - Disease states: Venous Thromboembolism Prophylaxis, Antibiotic Prophylaxis, Pain Management & Multimodal Pain, Joint Infections, Opioid Induced Constipation, Post-Operative Nausea and Vomiting - Multidisciplinary team rounding

Learning Experience Description

Pediatrics (christina.lim@johnmuirhealth.com) Location: Walnut Creek Medical Center	3 pediatric practice areas: Peds ICU (8 beds), NICU (~30 beds), General pediatric medicine (16 beds) - Specialties include GI, ID, endocrinology, hematology/oncology, pulmonology (cystic fibrosis) - Multidisciplinary rounding (includes Family Medicine medical residents) in a fast-paced environment
Neuro/Trauma ICU (amin.nabiti@johnmuirhealth.com) Location: Walnut Creek Medical Center	24-bed Neuro/Trauma ICU - Gain targeted expertise in the management of critically ill patients encountered in a comprehensive stroke center and Level II trauma center - Concentrated focus on condition/disease states including: Status epilepticus, refractory, Malignant cerebral edema, Increased intracranial pressure, Stroke (ischemic, SAH, ICH), Traumatic brain injury, Spinal cord injury - Multidisciplinary care in a fast-paced environment
Infectious Disease (jessica.moore@johnmuirhealth.com) Location: Walnut Creek Medical Center	- Incorporate antimicrobial stewardship principles into practice - Participate in therapeutic decision making, drug therapy selection, and monitor/optimize antimicrobial therapy - Participate in ASP subcommittee
Advanced Internal Medicine/TOC (kenny.cheng@johnmuirhealth.com) Location: Concord Medical Center	- Daily multidisciplinary rounds with Family Medicine Residents - The rounding team will cover 12-14 patients in all levels of care (critical care, telemetry, step-down, medicine-oncology, post-surgical) - Involvement with identifying and overcoming barriers to discharge and safe transitions of care
Oncology (saumya.papneja@johnmuirhealth.com) Location: Walnut Creek Medical Center & Behring Pavilion	- Exposure to both inpatient and outpatient oncology - Alongside Oncologists, Hematologists, and Nurses in the Oncology Unit - Multidisciplinary rounding to develop oncology treatment plans - Duties will include making, prepping, and checking chemo - Will gain experience and knowledge in the treatment and management of hematologic and solid tumor malignancies, TLS, neutropenic fever, pain management, chemo induced N/V, and supportive care
Clinical Informatics (shelley.zhang@johnmuirhealth.com)	- Participate in operational support activities, interdisciplinary meetings, system design and maintenance, build and testing activities, workflow analysis, and project initiatives. - Exposure to the application of clinical knowledge, information technology, data management, analytics, and project management principles to optimize medication-use processes and patient care.
Cardiology (jessica.moore@johnmuirhealth.com) Location: Concord Medical Center	- Daily multidisciplinary rounds with intensivists - Exposure to both acute care and critical care cardiology - Respond to medical emergencies - Concentrated focus on condition/disease states including: Arrhythmias, Valvular Heart Disease, Acute Decompensated Heart Failure, Cardiogenic Shock, Pulmonary Hypertension, IAPB, PVAD, ECMO
Investigational Drugs & Research (christi.phillips@johnmuirhealth.com) Location: Multisystem	- Exposure to new drug development process, regulations regarding investigational drug use, and role of the pharmacist in the clinical research process - Collaborate with staff and leaders of the Departments of Pharmacy, Clinical Research, Nursing, and Medical Staff - Participate in Research Advisory and IRB committees + clinical research staff meetings - Contribute to the management of the clinical trial portfolio including feasibility assessment, budget negotiation, and study start-up - Facilitate the development of new ERX and Beacon builds for approved clinical trials at JMH - Provide staff training and development as it pertains to investigational drug handling, preparation, and accountability

Learning Experience Description

Pharmacotherapy Clinic (aseala.abousaud@johnmuirhealth.com) Location: Behring Pavilion, Walnut Creek	- Provides residents with hands-on experience in a pharmacist-run ambulatory pharmacotherapy clinic focused on the management of complex and high-risk medications. The rotation emphasizes development of clinical judgment, patient-centered care, and interdisciplinary collaboration in the ambulatory care setting. - Primary disease state exposure includes oral oncolytics and GLP-1 receptor agonists, with opportunities for expanded exposure in cardiology, rheumatology, and gastroenterology depending on clinic volume and resident interest. - Residents will work under collaborative practice agreements and standardized protocols to deliver comprehensive medication management.
Specialty Pharmacy (elissa.wong@johnmuirhealth.com) Location: Behring Pavilion, Walnut Creek	- Closed-door specialty pharmacy supporting patients with complex disease states. - Residents work alongside an interdisciplinary team to optimize specialty medication therapy, navigate prior authorizations and financial assistance processes, ensure appropriate medication distribution, and provide patient education and follow-up.

* The resident must pick at least 3 months of elective learning experiences in direct patient care and spend no more than 4 months w/ same patient population in the residency year. Experiences are in 6-week blocks unless otherwise specified for selected electives. The majority, but not all, of the learning experiences for the program are located at the Walnut Creek Medical Center. Alternate practice sites are within a 10-mile radius of the primary site. In addition, residents are required to participate in a Teaching Certificate Program located at the University of California, San Francisco (UCSF) campus. Financial support for travel-related expenses (including mileage reimbursement, parking fees, and tolls) is not provided by the program.

Unless otherwise specified, clinical/patient-centered rotation duties may include, but not be limited to:

- Patient interviews and counseling
- Determining appropriate/optimal therapy plans
- Drug information/education responses for healthcare professionals and patients/caregivers
- Precepting IPPE/APPE students
- Order verification
- Medical emergency response (i.e. code blue)

Pharmacy driven protocols at JMHS include:

- Antithrombotic therapy
- Antimicrobial selection and dosing
- Pharmacokinetic dosing
- Parenteral nutrition
- Narrow therapeutic index monitoring
- Glucose control
- IV to PO conversion
- Renal dose adjustment
- Electrolyte replacement
- Ambulatory Care / Pharmacotherapy Collaborative Practice Agreements

Program Information:

Annual Salary: \$70,000

Term of Appointment: Twelve (12) months (52 weeks), July 1 – June 30

Benefits: Comprehensive benefits package including medical, dental, and vision coverage

Leave: Leave is accrued each pay period based on hours paid, excluding overtime, and begins on the first day of employment. Leave may be used for professional development activities, including attendance at professional conferences, as well as for post-graduate or job interviews.

Professional Travel Support: All residents are provided with an annual stipend to support travel, lodging, and registration fees for professional conferences. The amount of the travel stipend is determined annually and may not fully cover all associated expenses.



Certificate Requirements - PGY1 Pharmacy Practice Residency

Program Requirements	Achievement Progress				
	Q1	Q2	Q3	Q4	Final
Learning Experiences					
Objective Achievement: Minimum of 29 of 31 required objectives rated as Achieved for the Residency (ACHR)	☐	☐	☐	☐	☐
Complete all required projects for Learning Experiences	☐	☐	☐	☐	☐
Complete all learning experience evaluations prior to the end of each block or within 7 days	☐	☐	☐	☐	☐
Medication Use Process					
Complete Monograph and present to P&T	☐ completed				
Complete Medication Use Evaluation (MUE) and present to P&T	☐ completed				
Complete Adverse Drug Reaction (ADR) Quarter Report and present to P&T	☐ completed				
Pharmacy Practice					
Attendance to Pharmacy Department Meetings	☐	☐	☐	☐	☐
Attendance and active participation in a longitudinal Hospital Committee	☐	☐	☐	☐	☐
Research Project					
Continuing Pharmacy Education (CPE) Presentation	☐ completed				
Research Project Poster Presentation at American Society of Health-System Pharmacist (ASHP) Midyear	☐ completed				
Complete Research Project and present at Western States Conference	☐ completed				
Research Project Final Manuscript Preparation	☐ completed				
Professional & Personal Development					
Attendance and active participation in monthly Resident Meetings	☐	☐	☐	☐	☐
Initial and quarterly meetings to discuss Resident Development Plan with RPD	☐	☐	☐	☐	☐
Complete bimonthly attendance reporting and comply with Duty Hour Requirements	☐	☐	☐	☐	☐
An electronic resident portfolio of all required projects and presentations are maintained and completed in PharmAcademic by the last Monday of the Residency Program	☐	☐	☐	☐	☐

Resident: _____

Date: _____

Residency Program Director: _____