

Pharmacy

VA San Diego Healthcare System

**Pharmacy Residency
Postgraduate Year
One (PGY1)
Programs**



Pharmacy Service (119)

3350 La Jolla Village Drive
San Diego, CA 92161
(858) 642-3026 or (858) 642-3497
(858) 552-7582 (FAX)

Pharmacy Residency PGY1 Programs

Thank you for inquiring about the VA San Diego Healthcare System Pharmacy PGY1 Residency Programs. We are pleased you are considering our program(s) for your professional future! This booklet provides valuable information about our facility, teaching programs, preceptor faculty, clinical practice experiences and residency programs.

- PGY1 Pharmacy Practice (established 1973, ASHP-accredited)
- PGY1 Pharmacy Practice Ambulatory (established 2006, pending ASHP accreditation)

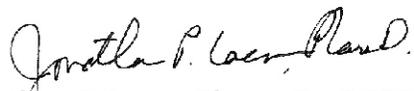
We pride ourselves in providing a unique and innovative pharmaceutical care program in which all our pharmacists participate. Patients are our primary customers and we strive to establish a good pharmacist-patient relationship with them. You will find all our pharmacists and technical staff committed to providing good customer service for our veteran patients.

For the resident, we offer an opportunity to participate in an active pharmacy practice in a number of clinical settings, including our expansive ambulatory care clinics. Our medical teaching environment allows residents to develop strong teaching skills. Our capable research staff is an excellent resource for assisting the resident in developing a solid foundation in research design and analysis. Most of all, members of our staff are committed to supporting the residency program and assisting residents throughout the residency year. It is a year for tremendous learning.

We hope you will decide to join us for your residency year at the VA San Diego Healthcare System. We look forward to receiving your application!


Anthony Morreale, Pharm.D., BCPS
Chief, Pharmacy Services




Jonathan P. Lacro, Pharm.D., BCPS, BCPP
Director, Pharmacy Education and Training



Residency Requirements and Application Process

ALL APPLICANTS

- Must have U.S. Citizenship. Naturalized citizens must provide proof of naturalization
- Must have a Doctor of Pharmacy degree from an accredited School of Pharmacy
- Must have transcripts from all Schools of Pharmacy attended sent directly from the School
- Must include a Letter of Intent
- Must have three letters of recommendation sent directly to the institution (electronic mailing and/or FAX acceptable). Letters may be in free-text format or the ASHP Resident Applicant Recommendation Request Form which can be found at:
www.ashp.org/rtp/Word/Resident%20Recommendation%20Form.doc.
- Must send completed Optional Application for Federal Employment (OF 612) and Declaration of Federal Employment (OF 306) access at:
www.san-diego.med.va.gov/Education/trainee/registration.htm
- Must send copy of Curriculum Vitae
- Must participate in a personal Interview (to be arranged)
- PGY1 applicants must have pharmacy intern licensure (from California or other state) upon entrance to the residency program
- Must be registered with the ASHP Residency Matching Program.

**All applications should be submitted
By January 4, 2008 to:**

VA San Diego Healthcare System
Pharmacy Service (119)
3350 La Jolla Village Drive
San Diego, CA 92161
ATTENTION: Jonathan P. Lacro, Pharm.D.

For additional information, contact:

Jonathan P. Lacro, Pharm.D.
Director, Pharmacy Education & Training
(858) 642-3497
Jonathan.lacro@va.gov

Residency Information

Pay and Benefits

Period of Appointment: 12 months, from July 1 through June 30

Estimated Stipend: \$40,525 (PGY1)

An additional ~\$2500 may be earned via 0.025 VA FTEE salary for residents who choose to work additional hours outside of the residency schedule.

Benefits: Approximately 13 days Annual Leave (“vacation”) and 13 days of Sick Leave, 11 federal holidays and Authorized Absence (leave with pay) to attend selected professional meetings. Health Life and Healthcare insurance is included. Office with up-to-date computer systems, labcoats and labcoat laundry service, and free parking is provided.

Annual leave (vacation) is earned at the rate of 4 hours every two weeks and can be used for rest and relaxation as well as time off for personal business and emergency purposes.

Sick Leave is earned at the rate of 4 hours every two weeks and can be used for illness and injury as well as medical, dental, optical, and other medically-related appointments or procedures.

Licensure

For our PGY1 residency programs, the applicant must be licensed or be eligible for licensure in any state. Active Pharmacist or Pharmacy Intern licensure is required upon entry into PGY1 residency programs. Professional pharmacist licensure from any state must be obtained either prior to the beginning of the PGY1 residency program or very soon afterwards. It is highly recommended that all resident applicants apply for licensure from both the California Board of Pharmacy as well as the North American Pharmacist Licensure Examination (NAPLEX) on or prior to entering the residency program.

For PGY1 pharmacy applicants, if pharmacist licensure is not available, pharmacy intern license is sufficient in the interim; however, all pharmacist activities will require direct supervision until proof of pharmacist licensure is provided.

Staffing

Staffing will not be scheduled until the resident has evidence of professional licensing. Proper training will be provided prior to staffing.

PGY1 Pharmacy Practice

Residents will staff a total of 30 inpatient days (includes 6 weekend days) during their acute care rotations in Medicine, Surgery, ICU and Psychiatry. One additional weekend day will be scheduled for training. Residents will also staff a total of 20 days in the Ambulatory Care General Medicine (“FIRM”) Clinics as well as the Outpatient Pharmacy.

PGY1 Pharmacy Practice Ambulatory

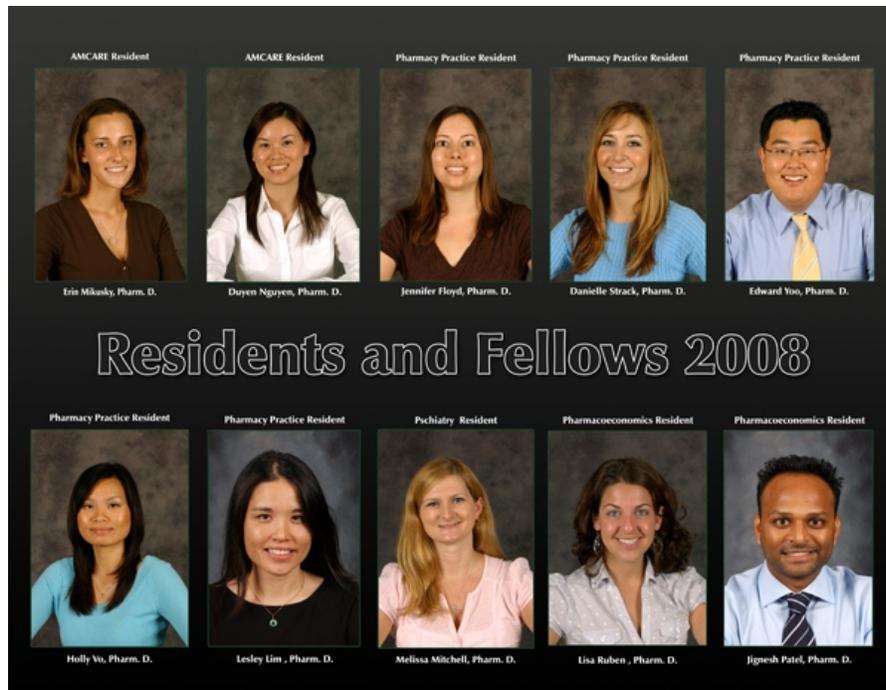
Residents will staff a total of 10 days per month in the Ambulatory Care General Medicine (“FIRM”) Clinics, Outpatient Pharmacy and in Psychiatry Clinics. Residents will also staff a total of 8 inpatient days (includes 2 weekend days) per month during selected “Acute Care” rotations (Geriatrics, ICU, Medicine, SCI).

Residency Selection Process

Residency selection for our PGY1 residency programs are made through the ASHP National Resident Matching Program.

PGY1 Pharmacy Practice (3-5 residents)

PGY1 Pharmacy Practice Ambulatory (2 residents)



Residency Requirements

	PGY1 Pharmacy Practice	PGY1 Pharmacy Practice Ambulatory
Complete all rotations & evaluations	Yes	Yes
Western States Conference Presentation	Yes	Yes
Research Project completed and written up suitable for publication	Yes	Yes
Inservices for Housestaff	4	2
Continuing Education Presentation	1	1
Committee agenda assignment & minutes	1	1
Develop/Assess Primary Care Clinic	No	Yes

Unique Opportunities for Residents

VA Stand Down

Pharmacy Residents participate in the VA Stand Down program each year. Operation Stand Down is a program to assist homeless veterans. During this event, up to 700 veterans get the help they need to get back into mainstream society. This is all done over a weekend!

Pharmacy Student Teaching Program

Pharmacy Residents participate in our teaching program as preceptors for pharmacy students from the University of the Pacific (UOP), University of Southern California (USC), and University of California San Diego (UCSD) Schools of Pharmacy. In addition to providing one-on-one preceptorship for students during most rotations, pharmacy residents participate in subject reviews, clinical case presentations, and as moderators for their weekly presentations.

Ambulatory Care Clinics

Pharmacy Residents participate in a wide selection of multidisciplinary and pharmacist-run ambulatory care clinics, including General Medicine ('FIRM'), Anticoagulation, Diabetes, Lipid, Dermatology, Dialysis, Medication Management (Compliance), Psychiatry, Neurology, and Renal. Secondary clinics include Arthritis, Cardiology, Cardiomyopathy, Endocrine, GI, Neurology, Oncology, Hepatitis C, Ophthalmology, New Start Opioid Clinic, Pulmonary, Special ID, and Urology. Residents can participate in clinics at the VA Medical Center and the Mission Valley Outpatient facility.

Skill Development Series

All pharmacy residents have the opportunity to participate in a Skill Development Series. The Skill Development Series includes regularly scheduled discussion of research-related topics such as study methodology, biostatistics, literature evaluation, individual residency research projects and other contemporary topics relevant to health care professionals.

San Diego Area

Highlights of "America's Finest City"

- Beautiful weather year round with an average daily temperature of 70.5° (21.4 degrees Celsius). A marked feature of the climate is the wide variation in temperature within short distances due to the topography of the land. You can enjoy coastal, mountain and desert environments all in the space of one day.
- Popular attractions include the world famous San Diego Zoo, Wild Animal Park, Sea World San Diego, LEGOLAND San Diego and Balboa Park.
- Offers 70 miles of pristine beaches, 92 golf courses, 171 parks and endless opportunities to hike, camp, fish, observe wildlife and much more.

Helpful Internet Links

- Tourists guide: <http://www.sandiego.org/nav/Visitors>
- Major Local Newspaper (Union-Tribune): <http://www.signonsandiego.com/>
- Rental Guide: <http://sdhomesearch.signonsandiego.com/Rentals/SearchIndex.asp>
- Local Ground Transportation: <http://www.sandiegotaxicab.com/> or <http://www.cloud9shuttle.com/> or <http://www.sdcommute.com/>.

The VA San Diego Healthcare System

The VA San Diego Healthcare System (VASDHS) provides high quality health care with advanced technologies and a commitment to friendly, compassionate service to more than 280,000 veterans in the San Diego and Imperial Valley counties. VASDHS offers a wide range of inpatient and outpatient health services at the medical center in La Jolla and at the five community clinics located in Chula Vista, Escondido, Imperial Valley, Mission Valley and Vista. We provide medical, surgical, mental health, geriatric, spinal cord injury, and advanced rehabilitation services. With an operating budget over \$300 million, VASDHS has 238 hospital beds, including skilled nursing beds and operates several regional referral programs including cardiovascular surgery and spinal cord injury.

The operational capacity of the tertiary care medical center in La Jolla is 172 acute hospital beds, 40 extended care beds and 26 spinal cord injury beds. In FY 2006 we had over 560,000 outpatient visits. For our 7,003 hospital admissions in FY 2006, the average length of stay was 8 days for acute care and 20 days for extended care. Over 4,300 surgeries were performed in FY 2006 with over 1,800 performed in the inpatient setting and 2,500 in the outpatient setting.

We are affiliated with the University of California, San Diego School of Medicine and provide training for 780 medical interns, residents and fellows, as well as 64 other teaching affiliations for nursing, pharmacy, dental, and dietetics. VASDHS has one of the largest research programs in the VA nationally with a budget of almost \$66 million (FY 2006), 239 principal investigators and more than 1000 projects. VASDHS is also home to several specialty research programs including Health Sciences Research & Development (HSR&D), Mental Illness Rehabilitation, Education, and Clinical Centers (MIRECC), the Research Center for AIDS and HIV, and the San Diego Center for Patient Safety.

VASDHS was recognized as one of "San Diego's Best Workplaces for 2006," by Employers Group and San Diego Magazine. VASDHS ranks tops among Veterans Health Administration's leaders in patient satisfaction. In the national surveys of the Health Experiences of Patients, our patients continued to rate their Overall Quality of Care as exceptional.

Pharmacy Service

The Pharmacy Service at the Medical Center is open 24 hours a day, seven days a week. The Service promotes active participation in daily pharmaceutical care activities to ensure quality patient care. These services include participation of pharmacists and residents in the following activities:

- 1) Identifying, resolving and preventing drug related problems
- 2) Identifying goals of therapy, monitoring parameters and desired outcomes
- 3) Educating the patient regarding their medication regimen
- 4) Assuring continuity of care between inpatient and outpatient settings

The Clinical Pharmacist Specialists are an integral part of providing continuity of care. The clinical pharmacist specialists monitor patients on an inpatient, as well as, ambulatory care basis. Primary care is provided by the clinical pharmacist specialists in the following areas: Alzheimer's disease, anticoagulation, dialysis, geriatrics, infectious disease, nephrology, oncology, and psychiatry.

The Inpatient Clinical Pharmacist provides care to patients on the Medical and Surgical Units, Intensive Care and Step-Down Units, Operating and Recovery Rooms, Ambulatory Surgery, Spinal Cord Injury, Extended Care Unit, and Psychiatry. Responsibilities include interviewing all patients admitted to the hospital and documenting an initial assessment note in the patient's medical record, providing discharge medication counseling, participating in physician rounds, providing recommendations for drug selection and dosing, providing consultations on pain management, patient-controlled analgesia, total parenteral nutrition, and pharmacokinetic dosing, as well as assist in Code Blue Emergencies.

The Ambulatory Care Pharmacy at the VASDHS and our Community Based Outpatient Clinics (CBOC) provide a full range of pharmaceutical care services to the veteran patient including specialized care for ostomy and spinal cord injury patients. **Ambulatory Care Clinical Pharmacists** are an integral part of many outpatient clinics including Cardiology, Cardiomyopathy, Dermatology, Diabetes, Gastroenterology, General Medicine, Hepatitis C, Home-Based Primary Care, Medication Management, Neurology, Ophthalmology, Psychiatry, Pulmonary, Rheumatology, Smoking cessation, and Urology. Clinical pharmacists also have a role as primary care providers in the areas of anticoagulation, dermatology, diabetes, hyperlipidemia, hypertension, pain management, and primary care. Responsibilities include assessing patient compliance through refill history review, evaluating medication regimens for appropriateness, counseling patients about their medications, consulting with physicians on drug therapy, physician order entry verification, drug distribution, supervising pharmacy technicians, and participating in process improvement projects.

We have a decentralized unit-dose service with Barcode Medication Administration (BCMA), IV Additive Service, Automated Dispensing Systems, Physician Order Entry, Computerized Patient Record System (CPRS), Automated Prescription Filling (ScriptPro), and Anesthesia Documentation System (DocuSys).

Teaching Program

The Pharmacy Service is fully committed to pharmacy education and training, maintaining active academic relationships with three Schools of Pharmacy. Senior clinical clerkships are provided to approximately 25-30 students from the University of the Pacific, University of Southern California, and University of California San Diego Schools of Pharmacy. The resident acts as a preceptor to these students and provides formal and informal teaching. All pharmacists participate in the education of pharmacy technicians, pharmacy students, and pharmacy residents.

Pharmacy Services Clinical Faculty

Administration

Chief, Pharmacy Service	Anthony Morreale, Pharm.D., MBA, BCPS
Associate Chief, Pharmacy Service	Brian Plowman, Pharm.D., MBA, BCPS
Director, Pharmacoeconomics	Melissa L.D. Christopher, Pharm.D.
Director, Pharmacy Data Applications	Daniel Boggie, Pharm.D.
Director, Pharmacy PI//QA/DUE	Kim Quicci-Roberts, M.S.
Director, Pharmacy Integrated Technology	Jennifer Howard, Pharm.D.
Director, Pharmacy Education & Training	Jonathan P. Lacro, Pharm.D., BCPS, BCPP

Residency Program Directors

PGY1 Pharmacy Practice	Jonathan P. Lacro, Pharm.D., BCPS, BCPP
PGY1 Pharmacy Practice Ambulatory	Tung Le, Pharm.D.
PGY2 Ambulatory Care	Tung Le, Pharm.D.
PGY2 Critical Care	Maria Stubbs, B.S., BCPS
PGY2 Infectious Diseases Pharmacy	Scott T. Johns, Pharm.D., BCPS
PGY2 Managed Care Pharmacy Systems	Melissa L.D. Christopher, Pharm.D.
PGY2 Oncology Pharmacy	Brian Dahl, Pharm.D., BCOP
PGY2 Pharmacy Administration & Leadership	Anthony Morreale, Pharm.D., MBA, BCPS
PGY2 Pharmacy Information Technology & Data Management	Daniel Boggie, Pharm.D.
PGY2 Psychiatric Pharmacy	Jennifer Howard, Pharm.D.
	Jonathan P. Lacro, Pharm.D., BCPS, BCPP

Pharmacy Services Clinical Faculty cont.

Clinical Pharmacy Specialists

Supv: Jonathan Lacro, Pharm.D., BCPS, BCPP

Joel Boerth, Pharm.D., BCPP, Psychiatry Clinical Pharmacist Specialist
Tom Cookson, Pharm.D., Oncology Clinical Pharmacist Specialist
Brian Dahl, Pharm.D., BCOP, Oncology Clinical Pharmacist Specialist
Phil Dell, Pharm.D., Psychiatry Clinical Pharmacist Specialist
Benjamin Dishman, Pharm.D., BCPP, Psychiatry Clinical Pharmacist Specialist
Rene Endow, Pharm.D., BCPP, Psychiatry Clinical Pharmacist Specialist
Muoi Gi, Pharm.D., BCPS, Oncology Clinical Pharmacist Specialist
Scott Johns, Pharm.D., BCPS, Infectious Disease Clinical Pharmacist Specialist
Jonathan Lacro, Pharm.D., BCPS, BCPP Psychiatry Clinical Pharmacist Specialist
Susan Leckband, B.S., BCPP, Psychiatry Clinical Pharmacist Specialist
Colin McGuire, Pharm.D., Pain Clinical Pharmacist Specialist
Linh To. Pharm.D., Nephrology Clinical Pharmacist Specialist

Ambulatory Care Clinical Pharmacist Specialists

Supv: Candace Eacker and Pharm.D., Tung Le, Pharm.D.

Christina Chan, Pharm. D.	Hyun (Helen) Lee, Pharm.D.
Tim Chen, Pharm.D.	Daniel Montoya, Pharm.D.
Beth Dinges, Pharm.D.	Edna Ng-Chen, Pharm.D.
Michael Dunn, Pharm.D..	Annette Nguyen, Pharm.D.
Tina D'Ulisse, Pharm.D.	Canh Nguyen, Pharm.D.
Melissa Egan, Pharm.D.	Khanh Nguyen, Pharm.D.
Jessica Harris, Pharm.D.	Stacey Nguyen, Pharm.D
Yelena Itkin, Pharm.D	Thanh (Nina) Nguyen, Pharm.D.
Cassie (Soohyun) Lee, Pharm.D.	Ty Nguyen, Pharm.D.
	Joann Ong, Pharm.D.

Medicine/Surgery Clinical Pharmacist Specialists

Supv: Victoria Aldridge, Pharm.D.

Lisa Arai, Pharm.D.	Tamara Ogg, B.S.
Mina Jam, Pharm.D.	Helen Park, Pharm.D.
Dave Lam. B.S.	Maria Stubbs, B.S., BCPS
Belinda Martinez, Pharm.D.	Caroline Sul, Pharm.D.
Ken McAndrews, Pharm.D.	Lisa Weyman, B.S.
Hala Mouwakeh, RPh, M.S.	Tanya Tran, Pharm.D.
Thi Nguyen, Pharm.D.	Larry Zelman, Pharm.D., CGP

Pharmacoeconomics Clinical Pharmacist Specialists

Supv: Melissa L.D. Christopher, Pharm.D.

Mark Bounthavong, Pharm.D.
Emerald Foster, Pharm.D., CGP, FASCP
Margaret A. Stull, Pharm.D

PGY1 Pharmacy Practice

ASHP Code: 92360

NMS Code: 191613

The 12-month ASHP-accredited PGY1 Pharmacy Practice Residency offers a broad-based learning experience for the resident. The residency program director is Jonathan P. Lacro, Pharm.D., BCPS, BCPP, Director, Pharmacy Education and Training. Residency selection for 3-5 residents is made through the ASHP National Resident Matching Program. This program is designed to meet outcomes required by the PGY1 ASHP Accreditation Standard:

- Outcome 1: Manage and improve the medication-use process.
- Outcome 2: Provide evidence-based, patient-centered medication therapy management with interdisciplinary teams.
- Outcome 3: Exercise leadership and practice management skills.
- Outcome 4: Demonstrate project management skills.
- Outcome 5: Provide medication and practice-related education/training.
- Outcome 6: Utilize medical informatics.
- Outcome 7: (Elective) Conduct pharmacy practice research.
- Outcome 8: (Elective) Participate in the management of medical emergencies.

Rotations¹

Admin	Amcare ²	Acute Care ²	Psych ²	Electives
1 mo	2 mo ³	1 mo	1 mo	1 mo (3)

¹ 2-week orientation included; rotations are not assigned in the order listed

² Rotation includes staffing responsibilities

³ Clinics must include either Anticoagulation or Diabetes and either FIRM Primary Care or Lipid

Electives: Repeat of any required rotations, Geriatrics (ECU), Dialysis, Oncology, Owen HIV Clinic (UCSD), Pediatrics (Navy), Pharmaceutical Industry (Ligand), Neonatal (Navy), Nuclear Pharmacy, Renal, Spinal Cord Injury.

PGY1 Pharmacy Practice Ambulatory

ASHP Code: 92365

NMS Code: 161813

The 12-month ASHP-accredited PGY1 Pharmacy Practice Ambulatory Residency offers a broad-based learning experience for the resident with a focus of rotational experience in the ambulatory care setting. The residency program director is Tung Le, Pharm.D., Director Ambulatory Care Service and Clinical Pharmacy Ambulatory Care Specialist. Residency selection for 1-2 residents is made through the ASHP National Resident Matching Program. This program is designed to meet outcomes required by the PGY1 ASHP Accreditation Standard:

Outcome 1: Manage and improve the medication-use process.

Outcome 2: Provide evidence-based, patient-centered medication therapy management with interdisciplinary teams.

Outcome 3: Exercise leadership and practice management skills.

Outcome 4: Demonstrate project management skills.

Outcome 5: Provide medication and practice-related education/training.

Outcome 6: Utilize medical informatics.

Outcome 7: (Elective) Conduct pharmacy practice research.

Outcome 8: (Elective) Participate in the management of medical emergencies.

Rotations¹

Admin	Amcare ²	Acute Care ²	Psych ²	Electives
1 mo	4 mo ³	1 mo (3)	1 mo	1 mo (3)

¹ 2-week orientation included; rotations are not assigned in the order listed

² Rotation includes staffing responsibilities, if applicable; acute care can be Medicine, Surgery, ICU, ID, Geriatrics, or Oncology

³ Clinics must include either Anticoagulation or Diabetes and either FIRM Primary Care or Lipid

Electives: Repeat of any required rotations, Geriatrics (ECU), Dialysis, Oncology, Owen HIV Clinic (UCSD), Pediatrics (Navy), Pharmaceutical Industry (Ligand), Neonatal (Navy), Nuclear Pharmacy, Renal, Spinal Cord Injury.



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