

VA San Diego Healthcare System Pharmacy Residency Training



For general information, contact
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Director, Pharmacy Education & Training
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2016 Residency Showcase Information

CSHP Seminar

- Anaheim, CA
- Friday, October 28 (2-5pm)
- Booth 402

ASHP Midyear

- Las Vegas, NV
- Tuesday, December 6 (8-11am)
- Booth 5440

Open House

- VA San Diego Healthcare System
- Saturday, December 17 from 8:30 - 10:30am
- 2017 PGY1 Applicants Only
- RSVP here:
<https://goo.gl/forms/IXb7ZFLLy6Emk2vb2>

VA San Diego Healthcare System

VHA Mission Honor America's Veterans by providing exceptional health care that improves their health and well-being.

VHA Vision VHA will continue to be the benchmark of excellence and value in health care and benefits by providing exemplary services that are both patient centered and evidence based. This care will be delivered by engaged, collaborative teams in an integrated environment that supports learning, discovery and continuous improvement. It will emphasize prevention and population health and contribute to the nation's well-being through education, research and service in national emergencies.

Core Values (I.C.A.R.E)

- **Integrity:** Act with high moral principle.
- **Commitment:** Work diligently to serve veterans and other beneficiaries.
- **Advocacy:** Be truly veteran-centric by identifying, fully considering, and appropriately advancing the interests of veterans and other beneficiaries.
- **Respect:** Treat all those I serve and with whom I work with dignity and respect.
- **Excellence:** Strive for the highest quality and continuous improvement.

Key Facts

- Provided high quality health care to 82,695 Veterans in the San Diego and Imperial Valley counties in FY2015
- Offers a wide range of inpatient and outpatient health services at the medical center in La Jolla (304 beds) and at six community clinics located in Chula Vista, Escondido, Imperial Valley, Mission Valley, Oceanside and Sorrento Valley and at the Rio clinic
- Provides medical, surgical, mental health, geriatric, spinal cord injury, and advanced rehabilitation services
- We provide training for 1,519 medical interns, residents and fellows, as well as 910 other health profession trainees in areas such as pharmacy, nursing, dental, and dietetics
- One of the largest research programs in the VA nationally with a budget of over \$43 million (FY 2015)
- Ranks top among Veterans Health Administration's leaders in patient satisfaction

VA San Diego Healthcare System Pharmacy Service

Our Values

- **P** Patient-centric, Patience, Professional, Pro-active
- **H** Helpful, Honest
- **A** Accessible
- **R** Responsible, Respectful
- **M** Meticulous, Mentor
- **A** Accurate
- **C** Caring, Competent, Clinical, Collaborative
- **Y** Because Veterans come first

Provision of Care

- Pharmacy services provided 24 hours a day, seven days a week
- Decentralized unit-dose service with Barcode Medication Administration, IV Additive Service, Automated Dispensing Systems, Physician Order Entry and Automated Prescription Filling
- Our Ambulatory Care Clinical Pharmacists, Inpatient Clinical Pharmacists, and Clinical Specialists provide a wide range of pharmaceutical care services to veterans in the inpatient and outpatient settings.

Our Staff and Preceptors

- 88 FTE Pharmacists on site
- 73 pharmacists serve as preceptors to our student and resident trainees
 - 47 have greater than 5 years of experience with serving as a preceptor to residents
 - 34 are Certified as Pharmacotherapy Specialists (BCPS), Oncology Pharmacists (BCOP), Psychiatric Pharmacists (BCPP), Ambulatory Care Pharmacists (BCACP), Critical Care Pharmacists (BCCP) and Geriatric Pharmacists (CGP)
 - 32 possess Scopes of Practices that allow for prescriptive authority

Our Teaching Program

- Have academic relationships with two Schools of Pharmacy - University of the Pacific and the University of California, San Diego.
- Annually provide Advanced Pharmacy Practice Experiences to approximately 30 students
- Have ten Postgraduate Year One (PGY1) and Postgraduate Year Two (PGY2) residency programs

Pharmacy Residency Programs

Program	Residents	Established	Accreditation
PGY1 Pharmacy - Track A General	5-6	1973	ASHP
PGY1 Pharmacy - Track B Ambulatory Care Emphasis	1-2	2006	ASHP
PGY1 Managed Care	1	2008	ASHP/AMCP
PGY2 Ambulatory Care	1	1994	ASHP
PGY2 Critical Care	1	2007	ASHP
PGY2 Health-System Pharmacy Administration	1	2009	ASHP
PGY2 Infectious Diseases Pharmacy	1-2	2007	ASHP
PGY2 Pharmacy Informatics	1-2	2009	ASHP
PGY2 Nephrology Pharmacy	1	2009	ASHP
PGY2 Oncology	1	2006	ASHP
PGY2 Psychiatric Pharmacy	2	2007	ASHP

Note: Many programs allow for PGY2 Early Commitment

We offer residents many opportunities to practice in a number of clinical settings, including our expansive ambulatory care clinics. Our affiliations with pharmacy schools at University of California – San Diego and University of the Pacific facilitate the development of teaching skills. Preceptors are committed to supporting the residency program and assisting residents throughout the year.

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



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Applicant Qualifications & Process

APPLICANT QUALIFICATIONS

- Register with the ASHP Resident Matching Program accessible at <http://www.natmatch.com/ashprmp/>
- Possess United States citizenship; Naturalized citizens must be able to provide proof of naturalization
- Possess a Doctor of Pharmacy degree from an accredited School or College of Pharmacy
- PGY1 applicants must be eligible for licensure to practice pharmacy from any state at the beginning of their residency program
- PGY2 applicants must be licensed to practice pharmacy from any state at the beginning of their residency program
- PGY2 applicants must complete or be in the process of completing an ASHP accredited PGY1 residency **OR** have equivalent experience

APPLICATION PROCESS

- All application materials must be submitted through Pharmacy Online Residency Centralized Application (PhORCAS):
 - **PHASE I DEADLINE for PGY1 Programs** is January 1, 2017
 - **PHASE I DEADLINE for PGY2 Programs** is January 15, 2017
 - **PHASE II DEADLINE for ALL Open Programs** is March 21, 2017
- Submitted Materials must include:
 - Basic Demographics
 - Verified Transcripts for Schools or Colleges of Pharmacy Only
 - Personal Statement / Letter of Intent
 - **PGY1 Applicants**
 - Include your short- and long-term professional goals
 - Describe how our residency program will assist you in accomplishing your goals
 - Include your single greatest strength AND weakness and comment on how these will affect your performance as a resident
 - Curriculum Vitae
 - Three letters of recommendation using the standardized reference template in PhORCAS
 - **PGY1 Applicants**
 - At least one letter writer should be from a preceptor of a Direct Patient Care APPE such as Internal Medicine or Ambulatory Care
 - Extracurricular Information
 - Supplemental Information
 - **PGY2 Applicants Only**
 - Application for Health Professions Trainees (VA Form # 10-2850D) accessible at <http://www.va.gov/oaa/archive/VAFORM10-2850d.pdf>
- Selected applicants will be invited to a personal on-site interview occurring in February or March. Candidates who are not invited for an on-site interview will be notified via e-mail

General Residency Information

Pay and Benefits

Period of Appointment

- **PGY1:** 12 months, from June 26, 2016 through June 23, 2017
- **PGY2:** 12 months, from July 10, 2016 through July 7, 2017

Estimated Stipend: \$44,903 (PGY1) \$48,645 (PGY2)

Benefits

- 13 days Annual Leave (“vacation”) and 13 days of Sick Leave
 - 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.
- 11 federal holidays
- Authorized Absence (leave with pay) to attend selected professional meetings
- Health, life, vision/dental insurance options
- Office with up-to-date computer systems
- Lab coats and lab coat laundry service
- Free parking

Pharmacist Licensure

PGY1: Professional pharmacist licensure from any state must be obtained either prior to the beginning of the residency program or the resident must provide proof of sitting for the North American Pharmacist Licensure Examination (NAPLEX) and Multistate Pharmacist Jurisprudent Licensure Examination (MPJE) within 30 days from the first day of their residency training and must obtain professional pharmacist licensure within 90 days from the first day of their residency program.

PGY2: Professional pharmacist licensure from any state is required upon entry into the program. California licensure is highly encouraged for those programs with direct patient care activities in non-VA facilities (i.e., Ambulatory Care, Critical Care, Infectious Diseases, Nephrology, Oncology and Psychiatry).

Resident Service Commitment

Staffing will be scheduled once the resident has evidence of professional licensing and has demonstrated appropriate competencies. Training will be provided.

Staffing Requirements

PGY1 Pharmacy Track A – General

- At least 20 inpatient days (includes 2 weekend days) during Medicine
- At least 6 days in the Ambulatory Care General Medicine (“Primary Care”) Clinics and Outpatient Pharmacy
- Additional staffing days required during Critical Care, Psychiatry and selected elective rotations
- At least one additional weekend day scheduled for training

PGY1 Pharmacy Track B – Ambulatory Care Emphasis

- At least 6 days per month in the Ambulatory Care General Medicine (“Primary Care”) Clinics or Outpatient Pharmacy while on ambulatory care rotations
- Two days per month in Psychiatry Clinics during psychiatry rotation
- At least 8 inpatient days (includes 2 weekend days) per month during selected acute care rotations (Medicine, Geriatrics, Critical Care, SCI)

PGY2 Clinical Programs

- Residents in clinical programs will be required to complete staffing related activities in their area of specialization.
- If applicable, an estimated 50 days of staffing will be expected of each resident.

Unique Opportunities

VA Stand Down

- Operation Stand Down is a program that provides up to 900 Veterans with services such as food, shelter, clothing, health screenings, and other service referrals.

Pharmacy Teaching Program

- Our pharmacy residents participate in the teaching of approximately 30 Doctor of Pharmacy students from the University of the Pacific and University of California, San Diego Schools of Pharmacy.
- Pharmacy Residents act as a preceptor to these students during APPE rotations, providing formal and informal teaching.
- Residents facilitate weekly conferences consisting of topic discussions and clinical case presentations

Skill Development Series / Teaching Certificate Program

- All pharmacy residents participate in a Skill Development Series, which 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.
- Participation in our Teaching Certificate Program is required and consists of didactic seminars and homework assignments, development of a personal teaching philosophy and providing formal teaching experiences in clinical rotational settings.

PGY1 Program Overview

Program Purpose

PGY-1 Pharmacy (Track A and B)

- Develop pharmacists who are:
 - Prepared to provide cost-effective pharmacotherapy to adult and geriatric patients in acute and ambulatory care settings
 - Proficient in communicating with and educating trainees, pharmacists, other health care providers and the community on drug related topics
 - Eligible for additional post-graduate training

PGY-1 Managed Care

- Develop pharmacists who are:
 - Eligible for a position in a Pharmacy Benefits Management (PBM) environment
 - Graduates should be prepared to accept the following positions: Pharmacoeconomics Specialist, Formulary Management Pharmacist, Prior Authorization Pharmacist, or Managed Care Pharmacist
 - Skilled in formulary management and development processes, such as:
 - Pharmacy & Therapeutic Committee presentations/work ups, Medication Safety Committee involvement, guidance document development (algorithms, criteria for use, monographs, etc.), cost measurement monitoring, retrospective evaluations assessing clinical/cost effects of initiatives, identification of opportunities for cost savings or clinical improvements in care, and individual non-formulary drug case reviews
 - Able to effectively communicate and educate patients, clinicians, residents, and students regarding pertinent formulary or policy related topics

PGY1 Program Structure

Overview

Orientation (2 weeks)

11 rotation blocks (4-6 weeks each)

	Track A (General)	Track B (Ambulatory Care Emphasis)	Managed Care
Required Rotations (# of blocks)	Administration (1) Ambulatory Care (2) Critical Care (1) Infectious Diseases (1) Psychiatry (1) Medicine (2) Electives (3)	Administration (1) Ambulatory Care (4) Medicine (1) Other Acute Care (2) Psychiatry (1) Electives (2)	Acute Care (1) Ambulatory Care (1) Administration Drug Information Formulary Management Elective (1)
Required Longitudinal Experiences	Formulary Project & Consults Medication Safety Project Research Project Skill Development Series Teaching Certificate Program Pharmacy Practice Management Service Enhancement Project*		
ASHP Code	92360	92360	92012
NMS Code	191613	191621	153414

*required for Track B only

PGY1 Program Structure

Electives	Ambulatory Care Clinics
Emergency Department Geriatrics Informatics Oncology* Pain Management Nephrology* Surgery Spinal Cord Injury*	Anticoagulation Dermatology Diabetes Dialysis Gout Lipid Medication Management Patient Aligned Care Team (PACT) Psychiatry Renal

*Inpatient and outpatient components

Requirements for Completion of PGY1 Pharmacy Residency

- All rotations and evaluations
- Staffing Assignments
- Formulary Project (i.e., Drug Monograph or Drug Class Review)
- Continuing Education Presentation
- In-services
- Research Project
- Research Platform Presentation to Western States Conference or VISN 22 for Pharmacy Residents, Fellows and Preceptors
- Formal Research Report
- Service Enhancement Project (i.e., Patient Safety Tool or Bulletin)
- One monthly Adverse Drug Reaction report
- Formal participation in one agenda item for the P&T Committee, Medication Safety Committee or other formal multidisciplinary medical center committee

For additional information, contact:

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PGY1 Managed Care
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Current PGY-1 Residents



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Lynn Nguyen, Pharm.D.
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Jenny Le, Pharm.D.
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Karen Cham, Pharm.D.
PGY-1 Managed Care
Karen.Cham@va.gov

PGY2 Ambulatory Care

ASHP Code: 92364

NMS Code: 510565

Program Overview:

- This 12-month ASHP-accredited PGY2 Ambulatory Care Residency offers an advanced training opportunity with rotational experience in the ambulatory care setting. The goal of our residency training program is to develop the clinical competencies needed to serve as a well-rounded Clinical Pharmacy Specialist (CPS) in the ambulatory care setting. The resident will be provided opportunities to become proficient in the delivery of pharmaceutical care to adult patients with chronic diseases routinely encountered in the VA setting. Our clinically-based program offers outpatient longitudinal experiences that can be tailored to one's interests and are devoted to developing the skills and clinical expertise needed for the delivery of patient-centered care by providing exposure to various clinics where the CPS has a scope of practice to manage common chronic diseases. These clinics include: Anticoagulation, Diabetes, Lipid, Patient Aligned Care Team (PACT), Smoking Cessation, Care Coordination Home Telehealth (CCHT), CHF, Gout, Dermatology, Medication Management, Pain, Home-Based Primary Care (HBPC), Renal, Immunization, Hepatitis C, Infectious Disease, Oncology, Eye and Urology. Month-long elective rotations are also offered depending on resident's interest (i.e. Emergency Department, Pain, Nephrology, Psychiatry, Hematology/Oncology, Informatics, Geriatrics, Pharmacy Administration, and Infectious Disease).
- Besides development of clinical skills, the resident will also be provided experience in outcome-oriented research, public speaking, precepting and clinic development. Graduates of this program should be able to provide a high level of direct patient care as a CPS in ambulatory care and, if desired, achieve Board Certification in Ambulatory Care.

Educational Outcomes:

- Establish a collaborative interdisciplinary practice.
- Provide efficient, effective, evidence-based, patient-centered treatment for chronic and/or acute illnesses in all degrees of complexity.
- Demonstrate leadership and practice management skills.
- Promote health improvement, wellness, and disease prevention.
- Demonstrate excellence in provision of training or educational activities for health care professionals and trainees.
- Serve as the ultimate resource on optimal prescribing of medications.
- Demonstrate additional competencies that contribute to working successfully in the VA Healthcare System.

Service Commitment: Residents will staff 1 day per week in the Primary Care Clinic and Outpatient Pharmacy. Additional staffing responsibilities may vary depending on the elective learning experiences.

Facilities: The resident office is located at the VA San Diego Healthcare System (VASDHS) in La Jolla, California and most activities will be coordinated from this site. However, the resident will be required to travel to surrounding Community Based Outpatient Clinics (CBOCs) within the San Diego County area.

Forward questions to:

Tung Le, Pharm.D., BCPS, BCACP

VA San Diego Healthcare System (119)

3350 La Jolla Village Drive, San Diego, CA 92161

Email: Tung.Le@va.gov

Phone: 858-552-8585 x 3026, Fax: 858-552-7582

PGY2 Critical Care

ASHP Code: 92367

NMS Code: 609052

Purpose:

- This PGY2 Critical Care Pharmacy Residency is designed to transition PGY1 residency graduates from general practice to specialized practice that focuses on the needs of critically ill patients. Training will include developing the skills and confidence necessary to treat the wide range of diseases and disorders that occur in the critically ill. Emphasis will be placed on the medications used in the critical care environment and special considerations needed when treating patients with multiple organ system failure. Throughout this program, the PGY2 resident will become an integrated member of the interdisciplinary critical care teams on pulmonary, cardiology, and surgery services. Responsibilities will include direct patient care, teaching health professionals as well as those health professionals in training, and completing a research project in the critical care environment. After completion of the PGY2 Critical Care Pharmacy Residency, the graduate will be prepared to accept a position as a critical care pharmacist specialist in an intensive care unit, emergency department or trauma center.

Educational Outcomes:

- Optimize the outcomes of critically ill patients by providing evidence-based medication therapy as an integral part of an interdisciplinary team
- Demonstrate excellence in the provision of training, including preceptorship, or educational activities for health care professionals in training
- Participate in the management of medical emergencies
- Demonstrate leadership and practice management skills in the critical care environment
- Demonstrate the skills necessary to conduct a critical care pharmacy research project

Didactic Course Work:

- Provide formalized critical care medication-related information
- Education will include formal and informal critical care training classes; rounding with pulmonary/critical care, cardiology, and surgical services as well as emergency department training
- Specialty service electives available in operating room/anesthesia, infectious diseases and nephrology
- Continuing education programs and conferences with cutting-edge training in critical care

Special Features: Experiential opportunities exist at local affiliated facilities in trauma, emergency medicine, bone marrow transplantation, and neonatal and pediatric ICU.

Facilities: The resident office is located at the VA San Diego Healthcare System (VASDHS) in California and most activities will be coordinated from this site.

Forward questions to:

Maria K. Stubbs, B.S., BCPS (maria.stubbs@va.gov)
VA San Diego Healthcare System Pharmacy Service (119)
3350 La Jolla Village Dr. San Diego, CA 92161
Phone: (858) 552-8585 ext. 2377

Pharmacy Administration

Purpose:

- This specialty residency is designed to prepare a pharmacy practitioner for a clinical or operational management/supervisory role in a variety of work settings. The residency is designed to provide a strong foundation for pharmacy administration skills and competencies in pharmacy practice leadership.

Program Description:

- This is a twelve month postgraduate year two program that provides training and experience in Health System Pharmacy Administration. Pharmacists completing this PGY2 specialty residency will build off their PGY1 residency competencies in the delivery of patient-centered care and pharmacy operational services. This residency lays the foundation for continued growth in management and leadership skills with the expectation that with several years of successful pharmacy administration practice, the residency graduate should be ready to assume high-level managerial, supervisory, and leadership responsibilities of a large hospital or health-system pharmacy.
- Program preceptors will provide significant opportunities for the resident to contribute to management and leadership activities at the local, regional, or national VA. Appropriate guidance and instruction will be provided for all activities, as well as development of a career path and objectives for the resident. These opportunities include, but are not limited to medication preparation, distribution, and use, performance improvement, strategic planning, regulatory compliance, medication safety, human resource management, fiscal management, automation, and technology.

Learning Objectives:

- Develop an understanding of the principles of administration and leadership in a highly innovative integrated healthcare system.
- Develop an understanding and competency in managing and leading a large complex pharmacy organization
- Develop skills in research design and data analysis to assess pharmaceutical-related economic, clinical, and humanistic health outcomes.

Facilities: The resident office will be located at the VA Medical Center in La Jolla, California and most activities will be coordinated from this site.

Forward questions to:

Poonam P. Tzorfas, Pharm.D., MBA
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PGY2 Infectious Diseases

ASHP Code: 92366

NMS Code: 604255

Program Overview:

Our PGY2 Infectious Diseases Pharmacy Residency Program is designed to provide the resident the skills necessary to become a competent and confident practitioner of pharmaceutical care in a variety of infectious diseases practice settings. The resident will be involved in achieving optimal drug therapy outcomes as an active member of the infectious diseases healthcare team. Activities of the resident will include, but are not limited to, rounding with the acute care infectious diseases consult team, attending HIV, immunization, Hepatitis C, and general ID clinics, antimicrobial stewardship, precepting PGY1 residents and students, conducting case conferences at UCSD, and educating other healthcare professionals, patients, and the community on infectious diseases-related topics.

After completion of the PGY2 Infectious Diseases Pharmacy Residency, the resident will possess the skills needed to work as a competent pharmacist in a variety of infectious disease practice settings. This includes pharmacy ID specialty positions in both the ambulatory care and inpatient arenas. The graduate will also be prepared to accept an academic position with a school of pharmacy or a scientific liaison position within the pharmaceutical industry

Learning Objectives:

- At the completion of training, the resident will have demonstrated the following competencies:
- Promote health improvement, wellness, and the prevention of infectious diseases
- Optimize the outcomes of individuals with an infectious disease by providing evidence-based, patient-centered medication therapy as an integral member of an interdisciplinary team
- Manage and improve the medication-use process in infectious diseases patient care areas
- Demonstrate excellence in the provision of training or educational activities on optimizing anti-infective pharmacotherapy for health care professionals and health care professionals in training
- Serve as an authoritative resource on the optimal use of medications used to treat individuals with an infectious disease
- Demonstrate leadership and practice management skills
- Conduct infectious diseases pharmacy practice research
- Demonstrate skills required for managing and improving anti-infective-use processes.

Didactic Course Work: Education will include infectious diseases case conferences and microbiology rounds, continuing education programs and conferences with focus on infectious diseases.

Special Features: Experiential opportunities exist at local affiliated facilities to get additional experience in inpatient and outpatient (clinics) settings as well as the pharmaceutical industry.

Facilities: The resident office will be located at the VA Medical Center in La Jolla, California and most activities will be coordinated from this site. The resident will also have the option to rotate off-site to experience other infectious diseases practice settings.

Forward questions to:

Scott T. Johns, Pharm.D., BCPS-ID (scott.johns@va.gov)
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PGY2 Pharmacy Informatics

ASHP Code: 92018

NMS Code: 627674

Program Overview:

Our PGY2 Pharmacy Informatics residency will provide the skills necessary for the practical application of pharmacy information and automated technology assessment principles in integrated healthcare systems. The resident will be involved with every aspect in the management of pharmacy data applications, data support and analysis for pharmacy and medical center leadership, pharmacy technology assessment, implementation, and maintenance. The resident will gain experience in a Computerized Patient Record System (CPRS), Computerized Prescriber Order Entry (CPOE), Barcode Medication Administration (BCMA), medication storage and retrieval devices (Omnicell®), medication dispensing robotics (ScriptPro®), and drug accountability software (Docusys®, VA accountability package). Other responsibilities include conducting outcomes research, and precepting students and practice residents with informatics related projects. Education will include formal informatics training and hands-on application of principles. Work activities will encompass the VASDHS, and Veterans Integrated Service Network 22 (VISN 22). Out-of-state and in-state travel may be required.

Learning Objectives:

- Develop an understanding of the principles of the use of pharmacy information in an integrated healthcare system.
- Develop an understanding of healthcare technology development, evaluation, implementation, and maintenance at local, regional, and national levels.
- Develop skills in research design and data analysis to assess pharmaceutical-related economic, clinical, and humanistic health outcomes.
- Develop skills in project management and strengthen communication skills for effective collaboration with the multidisciplinary team
- Develop an understanding of the role of pharmacy informatics in medication safety to assist in quality improvement.

Didactic Course Work:

- Training in Microsoft applications with emphasis in Excel and SQL.
- Continuing education programs and conferences with cutting-edge training in Pharmacy Informatics, Healthcare Technology, and Outcomes Research.

Special Features: Local, regional and national exposure and activities involving pharmacy data management and technology assessment.

Facilities: The resident office will be located at the VA Medical Center in La Jolla, California and most activities will be coordinated from this site.

Forward questions to:

Daniel Boggie, Pharm.D. (daniel.boggie@va.gov)

or Heidi Chen, Pharm.D. (heidi.chen@va.gov)

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PGY2 Nephrology

ASHP Code: 92021

NMS Code: 628872

Program Overview:

After completing our PGY2 Nephrology Residency, the resident will have the skills necessary to be a competent and confident practitioner of pharmaceutical care in various nephrology settings. The resident will be involved in achieving optimal drug therapy outcomes and providing direct patient care as an active member of the interdisciplinary renal healthcare team in patients with acute kidney injury, chronic kidney disease, dialysis and transplant population. In addition, the resident will exercise proficiency in communication and in educating other health care professionals and those in training on nephrology pharmacotherapy. Residents will demonstrate professional maturity by following a personal philosophy or practice, monitoring their own performance, and exhibiting commitment to the profession. Education will include formal and informal nephrology training classes and hands-on application. The resident will also be required to design and conduct a research project suitable for presentation and/or publication.

Educational Outcomes:

- Demonstrate leadership and practice management skills in nephrology settings
- Optimize the outcomes of renally impaired patients by providing evidence-based medication therapy as an integral part of an interdisciplinary team
- Demonstrate excellence in the provision of training, including preceptorship, or educational activities for health care professionals in training
- Demonstrate the skills necessary to conduct a nephrology-related pharmacy research project
- Participate in the continuous improvement initiatives of the hemodialysis interdisciplinary team
- Provide formalized nephrology medication-related information

Didactic Course Work:

- Education will include formal and informal nephrology training classes, rounding with renal attendings
- Special electives available in Infectious Diseases, Ambulatory Care and Transplantation
- Continuing education programs and conferences with cutting-edge training in nephrology

Affiliation: University of California, San Diego School of Pharmacy and Pharmaceutical Sciences.

Special Features: Comprehensive nephrology settings including an optional transplant elective rotation in the affiliated UCSD Medical Center.

Facilities: The resident office will be located at the San Diego VA Healthcare System in California and most activities will be coordinated from this site.

Forward questions to:

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PGY2 Oncology

ASHP Code: 92361

NMS Code: 601460

Program Purpose:

Our PGY2 Oncology Pharmacy Residency training program is designed to develop clinical competency as a Clinical Pharmacy Specialist in the area of oncologic pharmacotherapy. The program will train the resident to be proficient in the delivery of pharmaceutical care in adult patients with all common cancers and related hematologic disorders, as seen routinely in the VA setting. Our clinically based program offers ongoing inpatient and outpatient longitudinal experiences, including the participation in the pharmacist-run erythropoietin stimulating agents (ESAs) clinics, oral chemotherapy clinic, and supportive care management. To augment the VA experience, the resident may train off site for 2 to 3 months in the areas of bone marrow transplant (required), hospice and palliative care (optional), gynecologic cancers (optional), and pediatric oncology (optional). The resident will be able to serve as a competent oncology rotation preceptor of 4th year pharmacy and PGY1 Pharmacy Practice Residents students in their Oncology Pharmacy Practice Experience elective rotations. Lastly, these graduates will be able to exercise proficiency in communication and in educating other health care professionals, patients, and the community on drug related topics in oncology. The residency program provides ample opportunity for the resident to learn and develop administrative, teaching, and research skills.

Learning Objectives:

- Develop an understanding of the general principles of oncology in an integrated healthcare system
- Develop an understanding of the principles of prevention and management of chemotherapy-related toxicities
- Develop skills in research design and methodologies to assess pharmaceutical-related economic, clinical, and humanistic health outcomes

Upon completion of the 12-month training program, graduates are expected to be academically knowledgeable, clinically astute, mature and caring oncology pharmacy clinical practitioners with a broad knowledge base in general hematology and oncology. With the specialized knowledge and skills provided during the program, graduates should be able to provide a high level of direct patient care, ultimately leading to competence commensurate with Board Certification in Oncology Pharmacy Practice by the Board of Pharmaceutical Specialties, and obtain employment as a Clinical Pharmacy Specialist in Oncology.

Special Features: Experiential opportunities exist at local affiliated facilities to get experience in bone marrow transplant* (at the University of California San Diego Medical Center) and hospice care.

**Professional pharmacist license from California is required*

Forward questions to

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PGY2 Psychiatry

ASHP Code: 92362

NMS Code: 606466

Program Overview:

Our PGY2 residency program in psychiatry is designed to foster competency in the area of clinical psychiatric pharmacotherapy. Residents develop advanced clinical skills through hands-on participation in outpatient and inpatient longitudinal rotations. Core experiences include inpatient psychiatry rounds, outpatient psychiatry clinics, geriatrics, and substance use disorders. Elective rotations are flexible and based on the resident's interests. Graduates of our program are trained to become knowledgeable, well-rounded psychiatric pharmacists.

Learning Objectives:

Upon successful completion of the program, the resident will be able to:

- Serve as an authoritative resource on optimal medication use in individuals with psychiatric and neuropsychiatric disorders
- Optimize outcomes for patients with a variety of psychiatric and neuropsychiatric disorders by providing evidence-based, patient-centered medication therapy as an integral member of multidisciplinary treatment teams
- Evaluate and improve the medication-use process in psychiatric and neuropsychiatric patient care areas
- Conduct psychiatric pharmacy practice and outcomes research
- Serve as a psychiatric pharmacy preceptor for advanced pharmacy practice experiences and PGY1 residents
- Obtain board certification in psychiatric pharmacy (BCPP)

Unique Features:

- Fully integrated mental health pharmacy services, including pharmacist-run medication management clinics for schizophrenia, depression, bipolar disorder, geriatrics, military sexual trauma, and PTSD. Of note, most of our psychiatric pharmacists possess Scopes of Practice that allow them to practice independently as mid-level healthcare providers
- Opportunities in acute, ambulatory and specialty care including a multidisciplinary inpatient unit, a Substance Abuse Residential Rehabilitation Treatment Program (SARRTP), a Residential Rehabilitation Treatment Program (RRTP) and a Mental Health Intensive Case Management (MHICM)
- Our medical center is home to several specialty research programs, including Mental Illness Rehabilitation, Education, and Clinical Center (MIRECC) and Center of Excellence for Stress and Mental Health (CESAM)
- Formal interprofessional training in psychosomatic medicine with clinical experiences in Pain Management, Consult Liaison, Hematology/Oncology and Smoking Cessation

Facilities: The residents' office will be located at the VA Medical Center in La Jolla, and most activities will be coordinated from this site. Other clinical experiences will be conducted at outpatient clinics located in Mission Valley and Oceanside.

Forward questions to:

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VA San Diego Healthcare System Pharmacy Service (119)

3350 La Jolla Village Drive

San Diego, CA 92161

Phone: (858) 642-3497

Current PGY-2 Residents



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PGY-2 Oncology
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Holly Stallings, Pharm.D.
PGY-2 Critical Care
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First Position Accepted Post-Residency (2014-15 and 2015-16 classes)

- **PGY1 Residents**

- PGY2 Oncology at University of Colorado
- PGY2 Oncology at VA San Diego
- PGY2 Infectious Diseases at VA San Diego
- PGY2 Critical Care at VA San Diego
- PGY2 Informatics at UCSF
- PGY2 Psychiatry at VASD
- Ambulatory Care pharmacist at VA Martinez
- ED pharmacist at VA San Diego
- Ambulatory Care pharmacist at VA Greater LA
- Managed Care pharmacist at Kaiser Santa Clara
- Clinical pharmacist at Cottage Hospital in Santa Barbara, CA
- Clinical pharmacist at Scripps Mercy in San Diego, CA
- Clinical pharmacist at VA San Diego

- **PGY2 Residents**

- Pharmacy Supervisor at Sutter Health
- Ambulatory Care Pharmacist at VA San Francisco
- ICU Pharmacist at TriWest
- Informatics pharmacist for Epic in Bend, OR
- Oncology Pharmacist at UC Davis
- Psychiatric Pharmacist at VA Sacramento
- Clinical pharmacist at VA Pacific Islands Healthcare System
- Surgery/critical care pharmacist at Scripps Mercy in San Diego, CA
- Director of Pharmacy at Miami Medical Center
- PACT clinical pharmacist at VA Eastern Colorado Healthcare System
- Clinical pharmacist at VA San Diego
- Psychiatric pharmacist at VA San Diego
- Clinical pharmacist at Central Texas VA Healthcare System
- Infectious diseases pharmacist at St. Joseph Health in Orange county



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