

Pharmacy
Pharmacy
Pharmacy

VA San Diego Healthcare System

**Pharmacy Residency
Postgraduate Year Two
(PGY2) Programs**



Pharmacy Service (119)

3350 La Jolla Village Drive
San Diego, CA 92161
(858) 642-3026 or (858) 642-3497
(858) 642-1608 (FAX)

PGY2 Pharmacy Residency Programs

Thank you for inquiring about the VA San Diego Healthcare System PGY2 Pharmacy 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.

- PGY2 Ambulatory Care (established 1994, ASHP-accredited in 1995)
- PGY2 Biologics and Pharmacogenomics (established 2009 , pending ASHP accreditation)
- PGY2 Critical Care (established 2008, ASHP-accredited in 2009)
- PGY2 Infectious Diseases Pharmacy (established 2007, ASHP-accredited in 2009)
- PGY2 Nephrology (established in 2009, ASHP-accredited 2009)
- PGY2 Oncology (established 2006, ASHP-accredited in 2009)
- PGY2 Pharmacy Informatics (established 2006, ASHP-accredited 2009)
- PGY2 Pharmacy Administration & Leadership (established 2008, ASHP-accredited 2009)
- PGY2 Psychiatry (established 2007, ASHP-accredited in 2009)

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!



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

jonathan.lacro@va.gov

(858) 642-3497



Poonam P. Tzorfas, Pharm.D., MBA
Chief, Pharmacy Services

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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 *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.

The VA San Diego Healthcare System (VASDHS), a member of the VA Desert Pacific Healthcare Veterans Integrated Service Network 22, provides high quality health care with advanced technologies and a commitment to friendly, compassionate service to more than 247,227 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 seven community clinics located in Chula Vista, Escondido, Imperial Valley, Mission Gorge, Mission Valley, Oceanside and Vista. With an operating budget of over \$400 million, we provide medical, surgical, mental health, geriatric, spinal cord injury, and advanced rehabilitation services.

The operational capacity of the tertiary care medical center in La Jolla is 163 acute hospital beds, 43 community living center care beds and 26 spinal cord injury beds.

We are affiliated with the University of California, San Diego School of Medicine and provide training for 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 over \$ 52 million (FY 2010), 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 top 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.

For more information, visit us at www.sandiego.va.gov.

Our Pharmacy Service

Pharmacy services at VA San Diego Healthcare System are available 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

Our 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 clinical pharmacist specialists in the following areas: infectious diseases, nephrology, oncology, pain management, pharmacoeconomics and psychiatry.

Our Inpatient Clinical Pharmacists 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 Emergency Department. Responsibilities include interviewing selected patients admitted to the hospital and documenting per protocol an initial assessment note in the patient's medical record, providing discharge medication counseling and medication reconciliation, participating in physician rounds, providing recommendations for drug selection and dosing, providing consultations on pain management, patient-controlled analgesia, anticoagulation management, total parenteral nutrition, and pharmacokinetic dosing, as well as assist in Code Blue Emergencies.

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 Record Keeping System (DocuSys).

Our Ambulatory Care Clinical Pharmacists 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 Anticoagulation, Cardiomyopathy, Dermatology, Diabetes, Primary Care, Home-Based Primary Care, Lipid Disorders, Medication Management, Neurology, Pulmonary, Smoking Cessation, and Urology. Clinical pharmacists also have a role as primary care providers and provide MTM services in the areas of anticoagulation, dermatology, diabetes, hyperlipidemia, hypertension, pain management, and Patient Aligned Care Team (PACT). Responsibilities include assessing patient adherence 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, and participating in process improvement projects.

Our Pharmacy Service

Selected Faculty Accomplishments and Activities

- 2010 Recipient of VA Under Secretary for Health Pharmacy Award for Excellence in Pharmacy Practice
- 2008 Recipient of ASHP Best Practice Award in Health-System Pharmacy for *Implementing a Comprehensive Emergency Department Pharmacist Program*
- 2002 Recipient of International Society for Pharmacoeconomics Outcomes Research Best Poster for New Investigator
- Recipient of *Pharmacist of the Year* from the San Diego Society of Health-System Pharmacists Association and San Diego County Pharmacists Association (5)
- Recognized Fellow by California Pharmacists Association (CPhA) for ongoing involvement and contribution to pharmacy practice, promoting pharmacy as a profession, teaching students, residents, other clinicians and the public, and participation in professional and governmental affairs (2)
- Recognized Fellow by California Society of Health System Pharmacists (CSHP) for ongoing level of involvement and commitment to educating practitioners, residents, students, administrators, and/or the public in the pharmacy practice (5)
- Recognized Fellow by American Society of Health System Pharmacists (ASHP) in acknowledgment of their distinguished service to pharmacy practice in hospitals and health systems (3)
- Board Certification in Pharmacotherapy (20)
- Board Certification in Psychiatric Pharmacy (5)
- Board Certification in Oncology Pharmacy (2)
- Certified Geriatric Pharmacist (2)
- Federally funded research investigators by the National Institute of Mental Health and Department of Veterans Affairs

Selected Examples of Committee Membership by Pharmacy Service Members

VA San Diego Healthcare System

- | | |
|-----------------------------------|---|
| • Anticoagulation Task Force | • Medical Executive Committee |
| • Code Blue Committee | • Medication Reconciliation Committee |
| • Drug Usage Evaluation Committee | • Mental Health and Behavioral Sciences Committee |
| • Education Council | • Pain Council |
| • Informatics Committee | • Performance Improvement Council |
| • Institutional Review Board | • Pharmacy and Therapeutics Committee |

VA

VISN 22 Medication Safety Committee

VISN 22 Pharmacy Benefits Management Committee

Pharmacy Services Key Personnel

Administration

Chief	Poonam P. Tzorfas, Pharm.D., MBA
Associate Chief	Brian Plowman, Pharm.D., MBA, BCPS
Administrative Officer	Lisa Nelson
Director, Pharmacy Education & Training	Jonathan P. Lacro, Pharm.D., BCPS, BCPP
Co-Director, Ambulatory Care	Candy Eacker, Pharm.D.
Co-Director Ambulatory Care	Canh-Nhut Nguyen, Pharm.D.
Director, Clinical Pharmacy Specialists	Victoria Aldridge, Pharm.D.
Director, Inpatient Section	Helen Park, Pharm.D., BCPS
Director, Pharmacy Data Applications & Analysis	Daniel Boggie, Pharm.D.
Director, Pharmacy Integrated Technology	Jennifer Howard, Pharm.D.

Residency Program Directors

PGY1 Pharmacy (Track A)	Jonathan P. Lacro, Pharm.D., BCPS, BCPP
PGY1 Pharmacy (Track B)	Tung Le, Pharm.D., BCPS
PGY2 Ambulatory Care	Tung Le, Pharm.D., BCPS
PGY2 Biologics and Pharmacogenomics	Margaret Mendes, Pharm.D.
PGY2 Critical Care	Maria Stubbs, B.S., BCPS
PGY2 Infectious Diseases	Scott T. Johns, Pharm.D., BCPS
PGY2 Nephrology	Chai Low, Pharm.D., BCPS
PGY2 Oncology	Muoi Gi, Pharm.D., BCPS, BCOP
PGY2 Pharmacy Administration & Leadership	Poonam P. Tzorfas, Pharm.D., MBA
PGY2 Pharmacy Informatics	Jennifer Howard, Pharm.D.
PGY2 Psychiatric Pharmacy	Jonathan P. Lacro, Pharm.D., BCPS, BCPP

General PGY2 Residency Information

Pay and Benefits

Period of Appointment: 12 months, from July 16, 2012 through July 12, 2013

Estimated Stipend: \$48,434

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

Professional pharmacist licensure from any state is required upon entry into the program. Professional pharmacist licensure from California 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).

Service Commitment

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 during your residency year will be expected of each resident. Staffing will not occur until the resident has appropriate evidence of professional licensing and has demonstrated appropriate competencies.

Residency Selection Process

Residency selection for our PGY2 residency programs are made through the ASHP National Resident Matching Program. The exact number of positions will vary from year to year but is estimated to include a minimum of one position for each PGY2 program.

General PGY2 Residency Information

PGY2 Pharmacy Residency Class 2011 - 2012



Anne Shin, Pharm.D.
Ambulatory Care
anne.shin@va.gov



Anoli Patel, Pharm.D.
Critical Care
anoli.patel@va.gov



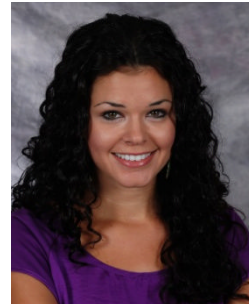
Gregory Aung, Pharm.D.
Infectious Diseases
gregory.aung@va.gov



Dana Chiulli, Pharm.D.
Psychiatric Pharmacy
dana.chiulli@va.gov



Rebecca Graham, Pharm.D.
Psychiatric Pharmacy
rebecca.graham2@va.gov



Elizabeth Gramer, Pharm.D.
Pharmacy Administration
elizabeth.gramer@va.gov

Following graduation, our 2007 – 2011 PGY2 residents accepted positions:

Within San Diego County

- VA San Diego Healthcare System (6)
- California Poison Control System, San Diego Division at UCSD (1)
- Palomar Pomerado Health (1)
- Balboa Naval Medical Center (1)
- Kaiser Permanente, San Diego (2)
- Sharp Mesa Vista (1)

Outside of San Diego

- VA Caribbean Healthcare System (1)
- VA New Mexico (1)
- VA Western New York Healthcare System (1)
- Long Island University Arnold & Marie Schwartz College of Pharmacy & Health Sciences (1)
- Prescription Solutions (1)
- UPMC St. Margaret (1)
- VA Central California Health Care System (1)
- VA Southern Arizona (1)
- Kaiser Permanente, Southern California (1)
- Parkview Health (1)
- University of California, San Francisco Medical Center (1)
- Yale New Haven Hospital (1)

Applicant Qualifications and Application Process

Applicant Qualifications

- Must have U.S. Citizenship. Naturalized citizens must be able to provide proof of naturalization.
- Must have a Doctor of Pharmacy degree from an accredited School or College of Pharmacy.
- PGY2 applicants must have successfully completed or are in process of successfully completing a PGY1 residency program or have equivalent experience. VA experience (rotational or residency) preferred.
- All applicants, with the exception of “early commitment” PGY1 applicants, must be registered with the ASHP Residency Matching Program accessible at <http://www.natmatch.com/ashprmp/>.

Application Process

- Upload to www.USAJobs.gov (search VA San Diego Healthcare System and select program):
 - One-page personal statement or letter of intent indicating interest in specialized area
 - Curriculum Vitae
 - Application for Health Professionals Trainees: <http://www.va.gov/oaa/archive/VAFORM10-2850d.pdf>
- Submit to Residency Program Director:
 - Complete transcripts from all Schools or Colleges of Pharmacy attended.
 - Three letters of recommendation sent directly to VA San Diego (electronic mailing and/or FAX acceptable). Letters may be in free-text format or the ASHP Resident Applicant Recommendation Request Form: http://www.ashp.org/s_ashp/docs/files/RTP_ResidentRecommendForm.pdf
- Selected applicants will be invited to a personal on-site interview that will occur in February or March. Candidates who are not invited to interview will be notified via e-mail.

All application materials should be submitted and postmarked no later than February 1, 2012 to:

VA San Diego Healthcare System
Pharmacy Service (119)
3350 La Jolla Village Drive
San Diego, CA 92161

For additional information regarding the application process contact:
VHASDCPharmacyResidency@va.gov

PGY2 Ambulatory Care

ASHP Code: 92364

Job Announcement: 558711

NMS Code: 510565

Program Overview

The 12-month ASHP-accredited PGY2 Ambulatory Care Residency offers an advanced learning experience with rotational experience in the ambulatory care setting. Our residency program assumes that entering residents have achieved the outcomes required by the PGY1 ASHP Accreditation Standards. Our program is designed to meet outcomes required by the PGY2 Ambulatory Care ASHP Accreditation Standard:

- Outcome 1: Establish a collaborative interdisciplinary practice.
- Outcome 2: Provide efficient, effective, evidence-based, patient-centered treatment for chronic and/or acute illnesses in all degrees of complexity.
- Outcome 3: Demonstrate leadership and practice management skills. Outcome 4: Promote health improvement, wellness, and disease prevention.
- Outcome 5: Demonstrate excellence in provision of training or educational activities for health care professionals and trainees.
- Outcome 6: Serve as the ultimate resource on optimal prescribing of medications.
- Outcome E1: Demonstrate additional competencies that contribute to working successfully in the VA Healthcare System.

The goal of our PGY2 Ambulatory Care Pharmacy Residency training program is to develop clinical competency as a Clinical Pharmacy Specialist in the area of ambulatory care. The resident will become proficient in the delivery of pharmaceutical care in adult patients with all common chronic diseases, as seen routinely in the VA setting. Our clinically based program offers outpatient longitudinal experiences devoted to the development of skills essential for the delivery of pharmaceutical care with a primary focus on ambulatory care. They will be accountable for achieving optimal drug therapy outcomes as members of the healthcare team. These pharmacists will exercise proficiency in communication and in educating other healthcare professionals, patients, and the community on drug related topics. They will acquire skills in program development, outcome-oriented research, pharmacoeconomics, and other marketable skills. 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. Residents will demonstrate professional maturity by following a personal philosophy or practice, monitoring their own performance, and exhibiting commitment to the profession. Graduates should be able to provide a high level of direct patient care, ultimately leading to competence commensurate with the recently approved Board Certification in Ambulatory Care by the Board of Pharmaceutical Specialties, and obtain employment as a Clinical Pharmacy Specialist in Ambulatory Care.

PGY2 Ambulatory Care *continued*

Type	Administration	Ambulatory Care	Electives
Duration in months	1	7	3

Rotations

2-week orientation included; rotations are not assigned in the order listed. Ambulatory Care rotations include staffing responsibilities, required clinics as well as elective clinics. Required clinics include Anticoagulation, Diabetes, Lipid Disorder and Pharmacist Patient Aligned Care Team (PACT) Clinic. Elective clinics may include Cardiomyopathy, Dermatology, Dialysis, Immunization, Infectious Disease, Hospital Based Primary Care, Medication Management, New Start Opioid, Neurology, Oncology, Pulmonary, Renal, and Urology dependent on resident preference. One month elective rotations may include Emergency Department, Pain Management, Nephrology, Psychiatry, Hematology/Oncology, and Infectious Disease.

Service Commitment: Residents will staff 1.5 days per week in the Primary Care Clinic and Outpatient Pharmacy. Additional staffing responsibilities may vary depending on “Elective” learning experiences.

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. However, the resident will be required to travel to surrounding Community Based Outpatient Clinics (CBOCs) within the San Diego County area.

Profiles of Residency Program Director and Selected Faculty:



Tung N. Le, Pharm.D., BCPS is a Clinical Pharmacy Specialist in Ambulatory Care and she serves as the Pharmacy Program Director for PACT. In addition, she serves as our Residency Program Director for our PGY1 Pharmacy – Track B and PGY2 Ambulatory Care Programs. She received her Bachelors of Science in Pharmacy and Doctor of Pharmacy degrees from the University of Wisconsin at Madison. She completed her first General Pharmacy Practice Residency at the VA Portland Medical Center followed with the completion of a second year specialty residency in Ambulatory Care at the VA San Diego Healthcare System. Her clinical practices are in primary care with a focus on diabetes, hypertension and dyslipidemia.



Tim Chen, Pharm.D. is Director of National Tobacco Cessation Clinical Resource Center (TCCRC) here at VA San Diego. He received his Doctor of Pharmacy degree from Western University of Health Sciences. He completed his Primary Care Pharmacy Practice Residency at VA San Diego. He also trained for 1 year in Hematology/Oncology Fellowship at Western University of Health Sciences. He has faculty appointments with UOP and UCSD schools of pharmacy. His clinical practices are in Dyslipidemia, Home-Based Primary Care (HBPC), Hypertension, Medication Management and Tobacco Cessation.

PGY2 Ambulatory Care *continued*

Profiles of Selected Faculty:



Candace Eacker, Pharm.D. received her Doctor of Pharmacy degree from the University of the Pacific. She then completed the Geriatrics Pharmacy Residency at the VA San Diego Medical Center. Following completion of her residency, she was hired at the VA San Diego and worked in various areas of the hospital including inpatient pharmacy in the surgery and general medicine inpatient areas for a couple years. She then went on to work in the ambulatory care section and is currently one of two ambulatory care pharmacy directors. She has faculty appointments at both UOP and UCSD schools of pharmacy. Her clinical specialty areas of practice are in Diabetes and Neurology.



Melissa K. Egan, Pharm.D., CACP is an Ambulatory Care Clinical Pharmacist Specialist and Program Director of the Anticoagulation Clinic at the VA San Diego Healthcare System. Dr. Egan received her Pharm.D. degree from the University of Southern California. She completed her Pharmacy Practice Residency with emphasis in Primary Care at VA Long Beach Medical Center. Dr. Egan has been the Lead Pharmacist in the Anticoagulation Clinic since 1999 and has been a Certified Anticoagulation Care Provider since 2001. She has faculty appointments with UOP and UCSD Schools of Pharmacy.



Edna Ng-Chen, Pharm.D. is a Ambulatory Care Clinical Pharmacist Specialist. She received her Pharm.D. from the University Of Southern California School Of Pharmacy and completed a Primary Care Pharmacy Practice Residency at the VASDHS. She has faculty appointments with University of the Pacific and University of California at San Diego schools of pharmacy and is currently a student coordinator for the Ambulatory Care Clinical Rotation Program. Her clinical practices are in Anticoagulation and Lipid Clinic.



Nina vonKuster, Pharm.D., is an Ambulatory Care Pharmacist Specialist. Dr. vonKuster received her Pharm.D. degree from the University of Southern California School of Pharmacy and completed a Pharmacy Practice Residency with emphasis in Ambulatory Care at the Long Beach VA Medical Center. Dr. vonKuster has been practicing in Ambulatory Care at the VASDHS since 1999. Her areas of specialty include diabetes, anticoagulation and cardiology and she holds faculty appointments at the University of Pacific and University of California at San Diego schools of pharmacy.

Forward questions and application materials to:

Tung Le, Pharm.D., BCPS (tung.le@va.gov)

Residency Program Director

VA San Diego Healthcare System (119)

3350 La Jolla Village Drive

San Diego, CA 92161

Voice: 858-552-8585, x3026

Fax: (858) 552-7582

PGY2 Biologics and Pharmacogenomics (Emphasis on Pharmacoeconomics)

ASHP Code: 92046

Job Announcement: 558757

NMS Code: 652079

Purpose:

The PGY2 Biologics and Pharmacogenomics residency is a newly developed program that focuses on the use of biologic agents, pharmacoeconomic assessment, and pharmacogenomic testing. Residents will be involved in all aspects of formulary management of biologic agents, including but not limited to: developing a national drug monograph, creating criteria for use, implementing formulary conversions, designing and conducting outcomes studies, and projecting drug budgets. In addition, the resident will work with an interdisciplinary team to develop and implement policy guidelines on various pharmacogenomic tests. Residents will also have the opportunity to be involved in numerous committees including the Pharmacogenomic Testing Evaluation Committee, Pharmacy & Therapeutics Committee, and Drug Usage Evaluation Committee. Further education and training will include formal pharmacoeconomics training, journal clubs, and hands-on experience with patient care.

Special Features: Involvement in local, regional and national projects in addition to participation in biologic and pharmacogenomics formulary related outcomes research. There are also unique learning experiences to be gained by collaborating with University of California, San Diego faculty members on various research projects.

Facilities: The resident office will be located at the VA San Diego Healthcare System (VASDHS) in La Jolla, California. Most activities will be coordinated from this site.

Learning Objectives:

- Develop an understanding of the clinical application of biologic agents and pharmacogenomics.
- Develop an understanding of how pharmacoeconomics influences the cost, availability and use of drug products and pharmacogenomic tests in an integrated healthcare system.
- Develop an understanding of the formulary development, implementation, and maintenance of biologic agents and pharmacogenomic tests. Evaluation will take place at local, regional, and national levels.
- Develop the necessary skills in order to identify and implement safe practices for biologics and specialty medications.
- Develop and refine skills in research design and methodologies in order to assess pharmaceutical and pharmacogenomic testing-related economic, clinical, and humanistic health.

Didactic Course Work:

- Education in pharmacoeconomics and study design, biologics, and pharmacogenomics.
- Statistical analysis training is offered.
- Continuing education programs and conferences are offered on pharmacogenomics, biologics, pharmacoeconomics and outcomes research.

PGY2 Biologics and Pharmacogenomics *continued*

Profiles of Residency Program Director and Selected Faculty:



Margaret A. Mendes, Pharm.D. is the Clinical Pharmacy Specialist in Biologics and Pharmacogenomics at the VA San Diego Healthcare System. Dr. Mendes received her Pharm.D. degree from Medical College of Virginia at Virginia Commonwealth University in Richmond, Virginia. She completed a Pharmacy Practice Residency at the VA Chicago Healthcare System, working at both West and Lakeside Divisions. Dr. Mendes conducts Formulary Management, Health Outcomes and Pharmacoeconomics Research in co-operation with Formulary Group Members of VASDHS.



Mark Bounthavong, Pharm.D. is a Pharmacoeconomic Clinical Specialist and serves as Residency Program Director of our PGY1 Managed Care program at the VA San Diego Healthcare System. Dr. Bounthavong received his Pharm.D. degree from Western University of Health Sciences College of Pharmacy in Pomona, CA. He has completed a Pharmacy Practice Residency at the Veterans Affairs Loma Linda Healthcare System in Loma Linda, CA. He has also completed a fellowship in Pharmacoeconomics and Outcomes Research at Western University of Health Sciences under the tutelage of Drs. Anandi V Law and Mark P Okamoto. Dr. Bounthavong currently conducts Formulary Management, Health Outcomes and Pharmacoeconomics Research in co-operation with Formulary Group Members of VASDHS, and is a guest lecturer at Western University.



Melissa L.D. Christopher, Pharm.D. is the Program Manager for VISN 21 & VISN 22 Academic Detailing Program covering all of California, Nevada and Hawaii. Dr. Christopher serves as Residency Program Director of our PGY2 Managed Care Pharmacy Systems within the Pharmacoeconomics and Formulary Management Division at the VA San Diego Healthcare System. Dr. Christopher received her Pharm.D. degree from Duquesne University in Pennsylvania. She has completed a Geriatric Emphasis Pharmacy Practice Residency at VASDHS and Pharmacoeconomics practical and Formulary Management Residency through VASDHS and University of the Pacific School of Pharmacy. Dr. Christopher is an active researcher in the area of outcomes and applied clinical economics and has presented projects at clinical and pharmacoeconomic focused conferences.

Forward questions and application materials to:

Margaret Mendes, Pharm. D. (margaret.mendes@va.gov)

Biologics and Pharmacogenomics Clinical Specialist

Pharmacoeconomics and Formulary Management

VA San Diego Healthcare System (119)

3350 La Jolla Village Drive

San Diego, CA 92161

Phone: (858) 552-8585 ext 2413

FAX: (858) 552-7582

PGY2 Critical Care

ASHP Code: 92367

Job Announcement: 558771

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.
- Provide formalized critical care medication-related information.

Didactic Course Work:

- Education will include formal and informal critical care training classes, rounding with pulmonary/critical care and anesthesia/critical care, cardiology and surgical attendings.
- Special electives available in Infectious Diseases and Renal.
- Continuing education programs and conferences with cutting-edge training in critical care.

Special Features: Experiential opportunities exist at local affiliated facilities in neonatal ICU, trauma, or bone marrow transplant.

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

PGY2 Critical Care *continued*

Profiles of Residency Program Director and Selected Faculty:



Maria K. Stubbs, B.S., BCPS is a Critical Care Pharmacist Specialist and Program Director for the PGY2 Critical Care Residency at the VASDHS. Maria received her pharmacy degree at the Philadelphia College of Pharmacy and Science in 1990 and has been practicing in critical care at the VASDHS ICU since 2000. She has been a full time Pharmacist Specialist since 1990 starting at the Long Beach VA Medical Center where she also practiced in critical care. She is a Board Certified Pharmacotherapy Specialist and holds faculty appointments at the University of the Pacific and the University of California at San Diego.

Not
Pictured

Lisa Arai, Pharm.D., is a Critical Care Pharmacist Specialist. Dr. Arai received her Pharm.D. Degree from the University of California at San Francisco School of Pharmacy and completed a Pharmacy Practice Residency at the VASDHS. Dr. Arai has been practicing in critical care at the VASDHS ICU since 2001 and is active in clinical research.

Forward questions and application materials 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
Fax: (858) 552-7582

PGY2 Infectious Diseases

ASHP Code: 92366

Job Announcement: 558780

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 not limited to, participating with the acute care infectious diseases consult team, attending HIV and general ID clinics, antimicrobial surveillance, precepting PGY1 residents and students, 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.

PGY2 Infectious Diseases *continued*

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.

Profile of Residency Program Director:



Scott T. Johns, Pharm.D., BCPS is an Infectious Diseases Pharmacy Specialist and Program Director for the PGY2 Infectious Diseases Residency at the VA San Diego Healthcare System. Dr. Johns received his Pharm.D. at the University of California San Francisco School of Pharmacy and completed a Pharmacy Practice Residency at the VASDHS. He has been a full time Infectious Diseases Pharmacy Specialist since 1994. He holds faculty appointments with three schools of pharmacy (UCSD, UOP, and USC) as well as the UCSD School of Medicine. His areas of interest include HIV therapeutics and antimicrobial pharmacodynamics.

Forward questions and application materials to:

Scott T. Johns, Pharm.D., BCPS (scott.johns@va.gov)
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Phone: (858) 552-8585 x2414
Fax: (858) 552-7582

PGY2 Nephrology

ASHP Code: 92021

Job Announcement: 558785

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, pain 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 a required transplant 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.

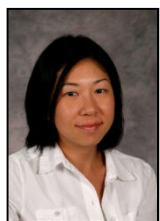
PGY2 Nephrology *continued*

Profile of Residency Program Director:



Chai Low, Pharm.D., BCPS, is a Nephrology Pharmacist Specialist and Program Director for the PGY2 Nephrology Residency at the VA San Diego Healthcare System (VASDHCS). Dr. Low received her Pharm.D. degree at the Albany College of Pharmacy and completed a 2-year fellowship in Nephrology under the mentorship of Professor George Bailie at the Albany College of Pharmacy. She has experience in academia and has published widely.

Her research interests are in the pharmacokinetics of drugs in dialysis and outcomes research in the delivery of pharmaceutical care in renal patients. She has been practicing in nephrology at VASDHCS since 2008. She is a Board Certified Pharmacotherapy Specialist since 2006 and holds affiliated faculty appointments at the University of the Pacific and the University of California at San Diego.



Calantha Yon, Pharm.D., BCPS is a Nephrology Pharmacist Specialist at the VA San Diego Healthcare System. She received her Pharm.D. degree from the University of Illinois at Chicago. Dr. Yon completed a Pharmacy Practice Residency at Hahnemann University Hospital then completed specialty residency programs in Critical Care and Nephrology at the VA San Diego Healthcare System.

Forward questions and application materials to:

Chai L Low, Pharm.D., BCPS. (chai.low2@va.gov)
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San Diego, CA 92161
Phone: (858) 552-8585 ext. 6446
Fax: (858) 552-4305

PGY2 Oncology

ASHP Code: 92361

Job Announcement: 559037

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 devoted to the development of skills essential for the delivery of pharmaceutical care with a primary focus on oncology. To augment the VA experience, the resident may train off site for 2 to 3 months in the areas of bone marrow transplant (1 month), hospice and palliative care (2 to 4 weeks), gynecologic cancers (2 to 4 optional weeks), and pediatric oncology (2 to 4 optional weeks). In addition, graduates will be able to achieve optimal drug therapy outcomes as active members of the health care team. They will be skilled in formulary management, as the VA San Diego has a very active Pharmacoeconomics, Biologics, and Formulary Management Service with which the resident will work on several projects. 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. While emphasizing clinical oncologic pharmacology, 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 and hospice care.

PGY2 Oncology *continued*

Profile of Residency Program Director and Selected Faculty:



Muoi Gi, Pharm.D., BCPS, BCOP is an Oncology Pharmacist Specialist and Program Director for the PGY2 Oncology Residency at the VA San Diego Healthcare System. She received her Pharm.D. degree from Western University of Health Sciences, College of Pharmacy. Dr. Gi completed both a Primary Care Pharmacy Practice Residency and an Oncology Pharmacy Residency at the VASDHS. She has been Board Certified in Pharmacotherapy since 2006 and Oncology since 2008. Dr. Gi holds voluntary faculty appointments at the University of the Pacific and UCSD Skaggs School of Pharmacy.



Brian Dahl, Pharm.D., BCOP is an Oncology Pharmacist Specialist and former Program Director for the PGY2 Oncology Residency at the VA San Diego Healthcare System. Dr. Dahl received his Pharm.D. degree at the University of California San Francisco School of Pharmacy and completed a Pharmacy Practice Residency at the VASDHS. He has been a full time Oncology Specialist since 1989 and has been Board Certified in Oncology Pharmacy since 1998. Dr. Dahl holds voluntary faculty appointments at the University of the Pacific and at University of California, San Diego Skaggs School of Pharmacy. He is active in clinical research and routinely gives lectures at the UCSD Skaggs School of Pharmacy and at UCSD Moores Cancer Center.



Thomas Cookson, Pharm.D. is an Oncology Pharmacist Specialist. Dr. Cookson received his Pharm.D. degree from the University of Southern California School of Pharmacy and completed a Pharmacy Practice Residency at the VASDHS. Dr. Cookson has extensive experience as an Ambulatory Care Clinical Pharmacist and served as the Primary Care Residency Director from 1995-2006.

Forward questions and application materials to:

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PGY2 Pharmacy Administration & Leadership

ASHP Code: 92368

Job Announcement: 559040

NMS Code: 613663

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, including small to mid-size hospitals, large health systems, and pharmacy benefit management organizations. The specific purpose of this residency is to give the resident all the foundational skills to achieve such goals.

Program Description:

Pharmacists completing this PGY2 health-system pharmacy administration residency will build upon their PGY1 residency competencies in the delivery of patient-centered care and in 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.

Areas of competence emphasized during the program include: pharmacoconomics and formulary management, safe and effective medication-use systems, quality assurance, the management of human resources, the management of financial resources, use of technology, integration of clinical practice and use of advanced leadership techniques.

Program preceptors are responsible for assuring that the residency provides the resident with significant opportunities to contribute to management and leadership activities. These opportunities may take place at the local, regional or national VA. Appropriate guidance and instruction is provided by preceptors for all activities, as well as development of a career path and objectives for the resident.

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.

Didactic Course Work:

- Continuing education programs and conferences with cutting-edge training in Pharmacy Administration and Leadership.
- Formal coursework involving Pharmacoconomics and Outcomes Research.

Special Features: Local, regional and national exposure and activities involving pharmacy administration and leadership.

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.

PGY2 Pharmacy Administration & Leadership *continued*

Profile of Residency Program Director and Selected Faculty:



Poonam P. Tzorfas, Pharm.D., MBA is currently the Chief, Pharmacy Service. Dr. Tzorfas received her Bachelor of Science in Biochemistry Degree from University of California, Riverside, Pharm.D. Degree from University of the Pacific School of Pharmacy, did a Pharmacy Practice Residency at the VA San Diego Healthcare System and received her M.B.A. Degree from California State University, Dominguez Hills. Prior to being the Chief at VA San Diego, she was the Chief of Pharmacy at the Philadelphia VA Medical Center for six years and Acting Associate Director for 10 months. Dr. Tzorfas has held faculty appointments at the University of the Pacific in Stockton, CA and University of the Sciences in Philadelphia, PA. Throughout her career, she has received several honors and awards, most notably recognized as the San Diego County Pharmacist of the Year and as the Distinguished Young Pharmacist of the Year by the California Pharmacists Association.



Brian K. Plowman, Pharm.D, MBA, BCPS is currently the Acting Chief, Pharmacy Service, Director of the Health Outcomes and Research Division, and Co-Director of the Anticoagulation Program at the VA San Diego Healthcare System. Dr. Plowman received his Pharm.D. Degree from University of the Pacific School of Pharmacy did a Clinical Pharmacy Residency specializing in Geriatric Medicine at the Veterans Affairs Medical Center in San Diego, California and received his M.B.A. Degree from Webster University. He is also Board Certified in Pharmacotherapy. Dr. Plowman holds faculty appointments with the University of the Pacific (UOP) and University of Southern California (USC) Schools of Pharmacy. Dr. Plowman is an active researcher in the area of phamacoeconomics and cardiovascular medicine, with emphasis on anticoagulant and antiplatelet therapy and is an experienced speaker in a variety of venues.

Forward questions and application materials to:

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Phone: (858) 552-8585 x 3026

PGY2 Pharmacy Informatics

ASHP Code: 92018

Job Announcement: 559061

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 (Pyxis®/Omniceil®), 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 is 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 Office applications with emphasis in Excel and Access.
- 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.

PGY2 Pharmacy Informatics *continued*

Profiles of Residency Program Director and Selected Faculty:



Jennifer Howard, Pharm.D. is the Director, Pharmacy Informatics at the VA San Diego Healthcare System. Dr. Howard received her Pharm.D. degree from the University of the Pacific School of Pharmacy. She completed a Pharmacy Practice Residency with a Geriatric Emphasis at the VA San Diego Healthcare System and has served as Associate Inpatient Director, Pharmacy Service at VASDHS. Dr. Howard conducts Health and Technology Outcomes research in cooperation with the Pharmacoeconomics and Health Outcomes Groups of VASDHS.



Daniel Boggie, Pharm.D. is the Director, Pharmacy Data Applications at the VA San Diego Healthcare System. Dr. Boggie received his Pharm.D. degree from Texas Tech University School of Pharmacy. He completed a Pharmacy Practice Residency at the Southern Arizona VA Healthcare System and a Pharmacoeconomics/Formulary Management Residency through VASDHS and University of the Pacific School of Pharmacy. Dr. Boggie manages pharmacy information systems and conducts Health Outcomes, Pharmacoeconomic, and VA Database Research in cooperation with the Pharmacoeconomics and Health Outcomes Groups of VASDHS.

Forward questions and application materials to:

Jennifer Howard, Pharm.D. (Jennifer.Howard2@va.gov)
or Daniel Boggie, Pharm.D. (Daniel.Boggie@va.gov)
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3350 La Jolla Village Dr.
San Diego, CA 92161
Phone: (858) 552-8585 x 3026
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PGY2 Psychiatry

ASHP Code: 92362

Job Announcement: 559077

NMS Code: 606466

Program Overview:

Our PGY2 Psychiatric Pharmacy Residency training program is designed to develop clinical competency as a Clinical Pharmacy Specialist in the area of psychiatry pharmacotherapeutics. We incorporate both outpatient and inpatient longitudinal rotations devoted to the development of skills essential for the delivery of pharmaceutical care in psychiatry. Our clinically based program offers experiences in: inpatient, outpatient, geriatric, substance abuse, and child and adolescent psychiatry.

Graduates of the 12-month training program are expected to be academically knowledgeable, clinically astute and caring psychopharmacologists. 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 Psychiatric Pharmacy Practice by the Board of Pharmaceutical Specialties, and obtain employment as a Clinical Pharmacy Specialist in Psychiatry.

Learning Objectives:

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

- Serve as an authoritative resource on the optimal use of medications used to treat individuals with psychiatric and neuropsychiatric disorders.
- Optimize the outcomes of diverse populations of inpatients and outpatients with a variety of psychiatric and neuropsychiatric disorders and a range of complexity of problems by providing evidence-based, patient-centered medication therapy as an integral part of an interdisciplinary team.
- Evaluate and improve the medication-use process in psychiatric and neuropsychiatric patient care areas.
- Conduct psychiatric pharmacy practice and outcomes research
- Serve as competent psychiatry rotation preceptors of 4th year pharmacy students in Advanced Pharmacy Practice Experience and PGY1 Pharmacy Practice Residents.

Special Features:

- Fully integrated clinical pharmacy services into delivery of mental health services at our medical center including Pharmacist Run Medication Management Clinics in Clozapine, Cognitive Disorders, Mood Disorders, Geriatric Psychiatry, Military Sexual Trauma, PTSD and Bipolar Disorder.
- 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).

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

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. Some clinical experiences will be conducted at facilities in the UCSD Medical Center.

PGY2 Psychiatry *continued*

Profiles of Residency Program Director and Selected Faculty:



Jonathan P. Lacro, Pharm.D., FASHP, BCPS, BCPP is Director, Pharmacy Education and Training and serves as Program Director for our PGY1 Pharmacy – Track A and PGY2 Psychiatric Pharmacy Residency Programs. He is an Associate Clinical Professor of Pharmacy and Psychiatry at the University of California, San Diego, and has an affiliation with University of the Pacific (UOP) School of Pharmacy. He received his Doctor of Pharmacy from the UOP, and completed a Residency in Clinical Pharmacy at the VA San Diego and a Fellowship in Psychopharmacology with an emphasis in Geriatric Psychiatry, VA San Diego/UCSD. He conducts a medication management clinic in a Geriatric Psychiatry Clinic and Cognitive Disorders Clinic. He served as Principal Investigator of a National Institute of Mental Health funded study titled *Medication Adherence Therapy in Older Psychotic People*.



Joel Boerth, Pharm.D., BCPP received his Doctor of Pharmacy degree from the University of Rhode Island. He completed a 2-year Specialty Residency/Fellowship in Psychiatric Pharmacy Practice at the Institute of Living in Hartford, CT. He has been employed at the VASDHS as a Psychiatric Pharmacist Specialist since 2003. His work interests at the VASDHS include operation of his Mood Disorders Clinic and Clozapine Clinic along with providing support to the Psychiatric Primary Care Clinic in a collaborative to better manage patients with metabolic syndrome. Dr. Boerth also provides lectures at the University of California San Diego Skaggs School of Pharmacy & Pharmaceutical Sciences. He has faculty appointments with UCSD & UOP.



Benjamin Dishman, Pharm.D., BCPP is an Assistant Clinical Professor of Psychiatry at the University of California, San Diego and has affiliations with UOP and USC Schools of Pharmacy. He received his Bachelors of Science from the University of Oklahoma and Doctor of Pharmacy degree from USC. He completed a Clinical Pharmacy/Clinical Toxicology Residency at the University of Iowa. He has a Mood Disorders Clinic and participates in multidisciplinary rounds on the inpatient unit.



Susan G. Leckband, RPh, BCPP received her BS in pharmacy and BA in English from the University of Washington. She is a Clinical Instructor of Psychiatry at the University of California, San Diego, and is affiliated UOP and USC Schools of Pharmacy. She runs a Mood Disorders Clinic and a Bipolar Disorder Clinic. Her research interests include: metabolic concerns associated with psychotropic medications. Additionally, she is a Co-Principle Investigator for a VA Merit Grant funded prospective pharmacogenomics study.

PGY2 Psychiatric Pharmacy *continued*

Profiles of Residency Program Director and Selected Faculty:



Rene A. Endow-Eyer, Pharm.D., BCPP received her Doctor of Pharmacy from the University of Southern California, and completed her Residency in Psychiatric Pharmacy Practice at USC. She also completed a Psychiatric Pharmacy Fellowship with emphasis in substance abuse at the VA Puget Sound. She has faculty appointments with UCSD, UOP and USC Schools of Pharmacy. Dr. Endow-Eyer also provides lectures at the University of California San Diego Skaggs School of Pharmacy & Pharmaceutical Sciences. She runs a General Psychiatric Disorders Clinic, PTSD Clinic and a Military Sexual Trauma (MST) Clinic.

Not
Pictured

Phillip Dell, Pharm.D. received his B.A. in Biology/Psychology from the University of California, Los Angeles and his Doctor of Pharmacy from the University of Southern California. He has faculty appointments with the University of California, San Diego and the University of the Pacific. Dr. Dell works as the inpatient psychiatric pharmacist, which consists of participation in multi-disciplinary rounds, providing medication education, order verification, and discharge counseling. In addition, he serves as a preceptor for pharmacy students and trains PGY1 and PGY2 residents on inpatient staffing.

Forward questions and application materials to:

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VA San Diego Healthcare System Pharmacy Service (119)

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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 Teaching Program

Our Pharmacy Service is fully committed to pharmacy education and training. In addition to our wide-ranging collection of administrative and clinical PGY2 residency programs, we have 3 ASHP accredited PGY1 pharmacy residency programs consisting of 9 PGY1 residents. We also maintain active academic relationships with two Schools of Pharmacy. 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 and provide formal and informal teaching. In addition to providing one-on-one preceptorship for students during most 4th year Advanced Pharmacy Practice rotations, pharmacy residents participate in subject reviews, clinical case presentations, and as moderators for their weekly presentations. Finally, opportunities to teach in a classroom may be available to selected individuals in various PGY2 programs.

Teaching Certificate Program

The Pharmacy Residency Leadership (PRL) group which is composed of the PGY1 Pharmacy Residency Program Directors in San Diego County, offers a program designed to cultivate teaching, precepting and facilitation skills. The Teaching Certificate Program consists of didactic seminars and homework assignments, development of a personal teaching philosophy and providing formal teaching experiences in clinical rotational settings. Participants who successfully complete the program will receive a certificate and should be equipped to competently serve as preceptors for 4th year APPE rotations in clinical settings.

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.

Ambulatory Care Clinics

Pharmacy Residents may participate in a wide selection of multidisciplinary and pharmacist-run ambulatory care clinics, including Anticoagulation, Diabetes, Lipid, Dermatology, Dialysis, Medication Management (Compliance), Patient Aligned Care Team (PACT), Psychiatry, Neurology, and Renal. Secondary clinics include Cardiomyopathy, Neurology, Oncology, Pain Management, Pulmonary, Special ID, and Urology. Residents can participate in clinics at the VA Medical Center and our community based outpatient clinics located throughout San Diego County.

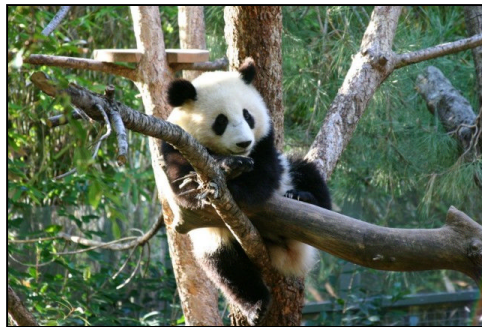
Highlights and Pictures of San Diego

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://homes.sdmarketplace.com/>
- Local Ground Transportation: <http://www.sandiegotaxicab.com/> or <http://www.cloud9shuttle.com/> or <http://www.sdcommute.com/>



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