#### POSTGRADUATE YEAR ONE

## **Pharmacy Residency Program**

ASHP Accredited, Est. 1979



VA Long Beach Healthcare System 5901 E. 7th Street (119) Long Beach, CA 90822 562.826.8000 ext. 3959

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Thank you for inquiring about the VA Long Beach Healthcare System Pharmacy Residency Program. We are pleased you are considering our program for an additional year of academic enrichment and perhaps your professional future. This booklet provides valuable information about our facility, teaching programs, preceptor faculty, clinical practice experiences and residency program.

We consider it a privilege to provide healthcare to the men and women who have dedicated their lives in service to our country. Their needs are great and we are dedicated to providing the best care possible. Pharmacy is a highly respected service within our healthcare organization and our pharmacists serve as key members of the healthcare team. The demand for clinical pharmacy services is ever increasing; new and expanded roles for clinical pharmacy providers are continually being developed.

Pharmacy residents are key members of our team providing patient-centered care and education to our patients, students and staff. We consider the training and practice environment we have for our pharmacy residents the best available anywhere. Our goal is to provide you with the opportunity to develop the skills and abilities necessary to become highly competent and confident advanced care practitioners.

Thank you for considering the VA Long Beach Healthcare System Pharmacy Resident Training Program. We wish you the best as you make this very important career decision. We look forward to meeting you and strongly encourage you will consider our program.

Michael Ascari, Pharm.D., MS

Chief, Pharmacy and Clinical Support Services



# Postgraduate Year One Pharmacy Residency

## **The Training Site**

A Long Beach Healthcare System (VALBHS) is a tertiary care facility and accredited by the Joint Commission on Accreditation of Healthcare Organizations. VALBHS is one of the most diversified tertiary healthcare providers in the VA. It is a teaching hospital, providing a full range of patient care services, with state-of-the art technology as well as education and research. The medical center is a 421-bed progressive teaching facility affiliated with UCI School of Medicine and UOP, USC, UCSF, Western, Drake, and Massachusetts Schools of Pharmacy. It encompasses Medical, Surgical, Spinal Cord Injury, Blind Rehabilitation Center, and Psychiatry Services, as well as Long-Term Care and Home Based Primary Care. The immense Ambulatory Care Program consists of Primary Care and numerous specialty Medical and Surgical Clinics. The pharmacy department is staffed by 54 professionals, 38 non-professionals and provides complete pharmaceutical services 24 hours daily, seven (7) days a week. Services provided include unit-dose, IV admixtures, parenteral nutrition, and comprehensive clinical pharmacy services. VALBHS Pharmacy Service is committed to enhancing patient safety. Pharmacy automation such as patient-profiled automated medication storage and distribution devices (Omnicell® AMSDD), automated prescription filling (ScriptPro®) and Bar Code Medication Administration (BCMA) enhance medication safety, reduce dispensing and administration errors, and allow pharmacists time to participate in direct patient care and cognitive services.

## **Purpose**

The Pharmacy Residency at VALBHS is a postgraduate training program designed to develop pharmacists in the knowledge, attitude, and skills necessary to assume an advanced practice position. The residency is a 12-month period of training in a diversity of direct patient care environments and pharmacy operations. Using experiential training and working as members of healthcare teams, the pharmacy resident will be accountable for achieving optimal drug therapy outcomes. The resident will exercise skill in educating patients, caregivers, and other healthcare professionals including pharmacy students on drug-related topics through lectures and written materials. The resident will develop skills to manage change and patient-provider conflicts, prevent medication errors, conduct practice-based research, and provide high quality medication management. The goals of the program are to explore practice interests, to develop areas of strengths, to improve upon weaknesses, and to foster leadership skills, ultimately enabling the pharmacist to provide a high-level of patient care.

## **Program Outcomes**

Upon completion of this program, the pharmacy resident will achieve the following outcomes as determined by the ASHP Accreditation Standard for PGY1 Pharmacy Residency Programs:

- Manage and improve the medication-use process
- Provide evidence-based, patient centered medication therapy management with interdisciplinary teams
- Exercise leadership and practice management skills
- Demonstrate project management skills
- Provide medication and practice-related education/training

## **The Residency Program Director and Preceptors**

The residency program director is appointed by the Pharmacy Chief to oversee the residency program. The residency program director has demonstrated sustained contributions and commitment to pharmacy practice as shown by numerous publications and presentations, extensive teaching experience and experience directing a residency program in clinical pharmacy practice, and program development. Most assigned preceptors have extensive experience in their respective areas, have completed an ASHP-Accredited Residency, are Board Certified Specialists, and hold faculty positions with various pharmacy school affiliations.

## **Clinical Pharmacy Specialists**

Clinical pharmacy specialists have scopes of practice, which include prescribing authority, laboratory ordering, and writing of chart notes.

Inpatient services include the following:

- Initial patient interview and documented pharmacotherapy assessment
- Daily evaluation and monitoring of patient medication regimens
- Participation in teaching rounds
- Provision of drug information
- Responding to pharmacotherapy consultations
- Admission and discharge medication reconciliation
- Pharmacokinetic dosing
- Parenteral nutrition per pharmacy
- Anticoagulation management
- Medication error prevention and reporting
- Antimicrobial review
- Influenza and pneumococcal vaccine ordering per protocol
- Adverse drug reaction detection and reporting (VA ADERS)
- Participation in Cardiac and Respiratory Arrests (Code Blue)

"This residency was more than just clinical training. It was a fun ride, filled with many inspirational moments, incredible energy, and laughs."

- Quyen Phung ('12)



Ambulatory care practice settings include the following:

- Anticoagulation
   Management Clinic
- Anemia Management Clinic
- Diabetes Management Clinic
- Outpatient Pharmacy
- Pulmonary Management Clinic
- Oncology Clinic
- Cholesterol Clinic
- HIV Clinic
- PACT Clinic
- Anticoagulation Telecare Clinic

- Pharmacy Injection Clinic
- Tobacco Cessation Program
- Hepatitis C
- Mental Health Clinic
- Hemodialysis Center
- Spinal Cord Injury Pharmacotherapy Clinic
- Women's Health Clinic
- Cardiology Clinic
- Blind Rehabilitation Pre-Admission E-Consult Service

## **Residency Training Program and Pharmacy Service**

The training and education of residents are important components of the VALBHS Pharmacy Service. The services provided by the resident will complement existing clinical pharmaceutical care. The resident will be directly involved in and have responsibility for providing patient oriented pharmaceutical services. The resident will actively participate in other pharmacy operations including management and assigned projects. The resident will develop the knowledge and skills required to become a competent, clinical practitioner through training in the following areas of pharmacy practice.

#### **Required Rotations**

#### **Month Rotations (1-month blocks)**

Acute Care Internal Medicine

Medical Intensive Care Unit

Patient Aligned Care Team (Primary Care) Pharmacy

Smoking Cessation Clinic

Ambulatory Care

Hepatitis C Clinic

Diabetes Clinic

Pulmonary Clinic

Anemia Management Clinic

Outpatient Pharmacy Operations

Anticoagulation

Formulary Management/Drug Information

#### **Longitudinal Rotations (year-round as assigned)**

Cholesterol Clinic

Home Based Primary Care Pharmacotherapy Review

Practice Management

Weekend Inpatient Staffing (every 4th weekend)

"The training I have obtained at the Long Beach VA is irreplaceable. All of the preceptors, co-residents, and staff members have helped shape me into the pharmacist that I am today."

— Logan Saito ('09)

#### **Elective Rotations (two to three 1-month rotations)**

Pharmacy Administration

Infectious Diseases (includes HIV clinic)

Long Term Care

Nephrology/Hemodialysis

Spinal Cord Injury

Oncology

Psychiatry

Surgical Care Unit (Parenteral Nutrition)

Women's Health Clinic

Repeat of any required rotations

Other, self-directed

#### **Sample Pharmacy Resident Rotation Schedule**

	AUG	SEPT	ОСТ	NOV	DEC
Resident 1	PACT¶	Coumadin◆	Formulary Mgt.◆	Elective: Pharm Admin.	lal
Resident 2	Elective: Psych	Elective: Oncology	Am Care	PACT¶	Transition Month
Resident 3	Acute Care Ω	міси	Elective: ID	Formulary Mgt. <b>♦</b>	Trê

#### **Longitudinal Rotations**

- ◆Cholesterol clinic: every Tuesday afternoon (excused from clinic)
- ¶ Friday Afternoon AmCare Didactic Sessions w/ students
- $\Omega$  Thurs Afternoon Medicine Didactics Sessions w/ students

HBPC: assigned 2-4 monthly (total) due at discretion of preceptors

Smoking cessation: Tuesday morning during pc rotation if in session

Inpatient staffing: every 4th weekend- schedule to be determined

Intro to Practice Management: (refer to practice management schedule)

In addition, several ongoing activities throughout the year require resident participation and contribute to resident development. These include:

- Research project
  - Background preparation, protocol, design, IRB, data collection and analysis
  - Presentation at Western States Conference (WSC)
  - Poster presentation at a professional meeting
  - Manuscript submission to a professional journal
- Journal Club participation and/or presentation twice monthly
- Adverse Drug Reaction reporting and pharmacist consultations
- Assigned management projects (i.e. MUE, policy development, drug recalls)
- Ambulatory Care and Medicine Didactic Sessions Weekly teaching sessions to advanced clerkship students
- Student preceptorship and training

- Criteria for use, newsletters, bulletins
- Continuing education
- Code Blue Team

#### **The Resident Will:**

- Develop clinical experience as applied in the different program settings.
- Acquire basic skills needed for drug therapy monitoring including patient assessment, history, and laboratory data review.
- Further develop drug therapy assessment skills through direct patient contact, monitoring of drug therapy, and patient education and counseling.
- Enhance communicative skills through involvement in training of pharmacy, medical, and nursing personnel.
- Participate in the development and implementation of a research project.
- Participate in educational activities such as teaching skills classes, BLS and ACLS certification, and EKG interpretation.
- In addition, it is expected that graduate residents would qualify for the Pharmacotherapy Specialty Exam (Board Certified Pharmacotherapy Specialist).

#### **Benefits**

- Participation in Skills Development Series
- Salary: \$45,778
- Per-diem opportunities
- Health/ Life Insurance
- Authorized Absence and financial support to attend the following professional meetings:
  - ASHP Midyear
  - CSHP Annual Seminar
  - Western States Conference
- Thirteen (13) days annual leave accrued
   4 hours every two weeks
- Thirteen (13) days sick leave accrued
   4 hours every two weeks
- Ten (10) paid holidays
- Centralized office work space with access to a personal computer
- Uniform allotment and laundry service
- Free Parking

#### "Residency was a wonderful experience in life, learning, and friendship."

— Lorraine Sam ('11)

## Licensure

The pharmacy resident is required to obtain a pharmacist license in one of the States of the United States. The pharmacy resident will be licensed upon entry into the program or at the earliest possible date. The applicant is highly encouraged to take the North American Pharmacist Licensure Examination (NAPLEX) and the California or Multistate Pharmacist Jurisprudence Examination (CPJE or MPJE) prior to entering the residency program (July 1st) and must be licensed in any state by October 1st.

## **Applicant Qualifications**

- Possess a Doctor of Pharmacy Degree from an accredited school or college of pharmacy, or a B.S. or M.S. degree and equivalent training or experience.
- Eligible for licensure to practice pharmacy in any state
- United States citizenship with proof of naturalization if naturalized.
- Participation in the ASHP Residency Matching Program
- Completed a professional curriculum which includes significant clinical clerkship experience.

## **Application Procedure**

- Online submission to the program thru PhORCAS<sup>TM</sup> (Pharmacy Online Residency Centralized Application)
  - Basic Demographics
  - Verified school of pharmacy transcript
  - Personal statement/letter of intent specifically addressing why you desire to do a residency with the VALB
  - Curriculum Vitae
  - Three (3) letters of recommendation (standardized reference template in PhORCAS<sup>TM</sup> AND traditional reference letter)
  - Extracurricular information
  - Supplemental information: VA Application for Health Professions Trainees (Form # 10-2850D) found at http://www.va.gov/vaforms/

Interviews will be scheduled based on evaluation of the written application. Applicants will be ranked for selection based on qualifications and a personal interview. Seven to eight positions are available beginning July 1st.

All required application materials for the 2013-2014 residency program must be **SUBMITTED ONLINE** through PhORCAS<sup>TM</sup> by **Friday**, **January 04**, **2013**. Questions about the program and application process may be directed to:

Patricia Chun, Pharm. D., BCPS, BCNSP Residency Program Director (03/119) VA Long Beach Healthcare System 5901 E. 7th Street Long Beach, CA 90822

E-mail: patricia.chun@va.gov Phone: 562.826.8000 ext. 3959

Fax: 562.826.5797

"Residency at VALB is the best investment I've made. The friendship, mentorship, and leadership skills I've gained are priceless."

— David Tran ('12)

## **Pharmacy Preceptors**



**Dr. Patricia Chun** received her Doctorate of Pharmacy from the University of the Pacific Thomas J. Long School of Pharmacy. Following graduation, she completed a residency in Clinical Pharmacy Practice at the Long Beach VA Medical Center. Dr. Chun most recently held the position of Clinical Pharmacy Specialist in Critical Care. Currently, she is the Pharmacy Residency Program Director and Inpatient Clinical Supervisor. She has been instrumental in developing clinical programs for pharmacy students such as the VA Learning Opportunities Residency (VALOR) and Student Career Experience Program (SCEP). Dr. Chun maintains dual board certifications in Pharmacotherapy and Nutrition Support as well as an academic appointment with the UOP School of Pharmacy. She is an active member of CSHP and ASHP and currently holds a position on the Board of Directors for Western States Conference. Her areas of interest include critical care medicine, cardiology, nutrition support, and student/resident development.



**Dr. Rick Cavallaro** received his Doctorate of Pharmacy from the University of Southern California School of Pharmacy. Following graduation, he first worked as an inpatient staff pharmacist. Subsequently, he was promoted to the position of Clinical Pharmacy Specialist in Cardiology. Dr. Cavallaro's current position is Clinical Pharmacy Specialist in Anticoagulation and he currently directs the Medical Center's anticoagulation clinic. His research focus is anticoagulation management. Dr. Cavallaro maintained a Board Certification as a Pharmacotherapy Specialist from 1992-1999. He currently holds academic appointments with USC and UOP Schools of Pharmacy.



**Dr. Macy Ho** received her Doctorate of Pharmacy from the University of Southern California School of Pharmacy. She completed a residency in Clinical Pharmacy Practice at the Long Beach VA Medical Center. Currently she is a Clinical Pharmacy Specialist in Infectious Diseases, HIV, and Hepatitis C. Her research focus is HIV/Infectious Diseases. She is a member of ASHP, CSHP and IDSA. Dr. Ho maintained a Board Certification as a Pharmacotherapy Specialist from 1992-1999. She currently holds an academic appointment with UOP School of Pharmacy.



**Dr. Bonnie Wong** received her Doctorate of Pharmacy from the University of Southern California School of Pharmacy. Following graduation, she first worked as an inpatient staff pharmacist and specialized in Nursing Home. Dr. Wong is currently a Clinical Pharmacy Specialist in Geriatrics. She is a Board Certified Pharmacotherapy Specialist. Dr. Wong holds academic appointments with USC and UOP Schools of Pharmacy. Areas of focus include consultation to nursing homes, Home-Based Primary Care Program, and Geriatric Specialty Ambulatory Care Practice.



**Dr. Elaine Lei** received her Doctorate of Pharmacy from the University of California at San Francisco School of Pharmacy. Following graduation, she completed a residency in Ambulatory Care at the University of Southern California School of Pharmacy. Dr. Lei is currently a PACT Pharmacist and a Certified Diabetes Educator. She is a Board Certified Pharmacotherapy Specialist. She is a member of CSHP and ASHP. Dr. Lei holds an academic appointment with UOP, USC, and UCSF Schools of Pharmacy. Areas of focus include diabetes, hypertension, hyperlipidemia, and anticoagulation.



**Dr. Susan Sung** received her Doctorate of Pharmacy from the University of California at San Francisco. Following graduation, she completed a residency in Clinical Pharmacy Practice with an emphasis in Primary Care at the Long Beach VA Medical Center. Dr. Sung is currently a PACT Pharmacist and is a Board Certified Pharmacotherapy Specialist. Dr. Sung is a member of CSHP and ASHP. She holds academic appointments with UCSF, USC and UOP Schools of Pharmacy. Area of focus includes anticoagulation, diabetes, hyperlipidemia, and hypertension management.



**Dr. Yong Moon** received her Doctorate of Pharmacy from the University of Southern California School of Pharmacy. Following graduation, she completed a residency in Clinical Pharmacy Practice at the Long Beach VA Medical Center. She then served as Assistant Professor of Pharmacy Practice at Washington State University specializing in Ambulatory Care. Currently, Dr. Moon is an Associate Professor of Pharmacy Practice at the University of Pacific and is the Regional Coordinator for the Long Beach area. Her clinical practice and research site is at the Long Beach VA Medical Center. Her research interests are dyslipidemia, ambulatory care practice, and patient outcomes.



**Dr. Suna Y. Chung** received her Doctorate of Pharmacy from the University of Pacific Thomas J. Long School of Pharmacy. She completed a residency program in Clinical Pharmacy Practice with an emphasis in Primary Care at the Long Beach VA Medical Center. Upon completion of the residency program, she worked as a clinical pharmacist at an acute care medical center. Dr. Chung is currently a PACT Pharmacist. Dr. Chung is an active member of CSHP. Dr. Chung is a Board Certified Pharmacotherapy Specialist. She holds an academic appointment with UOP School of Pharmacy. Areas of focus include diabetes, hypertension, hyperlipidemia, and anticoagulation.



**Dr. Ivy Tonnu-Mihara** received her Doctorate of Pharmacy from the University of Southern California School of Pharmacy. Following graduation, she completed a residency in Geriatrics Pharmacy Practice at the USC School of Pharmacy. She also received her M.S. in Pharmaceutical Economics and Policy at the University of Southern California. Dr. Tonnu-Mihara is currently the Outpatient Clinical Supervisor for the Ambulatory Care Clinics and the clinical pharmacist in the Anemia Management and Hepatitis C Liver Specialty Clinics. Dr. Tonnu-Mihara is an active member of AMCP and the International Society for Pharmacoeconomics and Outcomes Research. Her areas of interest include pharmacoeconomics and outcomes studies and geriatrics pharmaceutical care. Dr. Tonnu-Mihara holds academic appointments with UOP, UCSF, and Western Schools of Pharmacy.



**Dr. Mary-Joy Arcellana** received her Doctorate of Pharmacy from the University of California at San Francisco School of Pharmacy. She completed a residency in Clinical Pharmacy Practice at the Long Beach VA Medical Center. Upon completion of the residency program, she worked as a clinical pharmacist in pediatrics and neonatal intensive care unit at an acute care hospital. Dr. Arcellana is currently a clinical pharmacy specialist in medicine and holds a board certification in Pharmacotherapy. Dr. Arcellana holds an academic appointment with UOP School of Pharmacy.



**Dr. Rebecca Chumbley** received her Doctorate of Pharmacy from the University of the Pacific Thomas J. Long School of Pharmacy . She completed a residency in Clinical Pharmacy Practice at the Long Beach VA Medical Center. Upon completion of the residency program, she accepted a position at the Long Beach VA Medical Center where she currently works as the Spinal Cord Injury/Disorders clinical pharmacist. Dr. Chumbley is a Board Certified Pharmacotherapy Specialist and holds an academic appointment with UOP School of Pharmacy. She is also an active member of CSHP, having served as the 2010 president for the South Bay-Long Beach Chapter of CSHP and continues to serve on the board of directors for the chapter.



**Dr. Hasmig Karayan** received her Doctorate of Pharmacy from the Western University of Health Sciences. She completed a residency program in Clinical Pharmacy Practice with an emphasis in Primary Care at the Long Beach VA Medical Center. During residency she helped initiate the Pharmacist-Managed Anemia Clinic at the VA Long Beach facility. Upon completion of her residency, Dr. Karayan was appointed to initiate and direct the Pharmacist-Managed Diabetes Clinic for the medical center. Dr. Karayan is currently a primary care pharmacist for the PACT teams. Dr. Karayan holds an academic appointment with UOP School of Pharmacy.



**Dr. Jennifer Lee** received her Doctorate of Pharmacy from the University of Southern California School of Pharmacy. Following graduation, she completed a residency in Clinical Pharmacy Practice at the Long Beach Memorial Medical Center. Dr. Lee is currently the Clinical Pharmacy Specialist in Critical Care. Practice interests include pharmacokinetics, critical care medicine, and cardiology. Dr. Lee is a Board Certified Pharmacotherapy Specialist and holds academic appointments with UOP and USC Schools of Pharmacy.



**Dr. Jennifer Rosen** received her Doctorate of Pharmacy from the University of the Pacific School of Pharmacy. Following graduation, she completed a residency in Clinical Pharmacy Practice at the West Los Angeles VA Medical Center. She then completed a research fellowship in schizophrenia at the West Los Angeles VA Medical Center. Upon completion of her fellowship, she worked as an inpatient psychiatric pharmacist at the West Los Angeles VA Medical Center. Dr. Rosen is currently a Clinical Pharmacy Specialist in Psychiatry at the Long Beach VA Medical Center. She is an active member of ASHP and CPNP. Dr. Rosen is a Board Certified Psychiatric Pharmacist and she holds academic appointments with USC and UOP Schools of Pharmacy.



**Dr. Mabel Dea** received her Doctorate of Pharmacy from the University of Florida College of Pharmacy. Following graduation she completed a residency in Clinical Pharmacy Practice at the Long Beach VA Medical Center. During the residency, she initiated the Pharmacy Pulmonary Management Clinic. Upon completion of the residency program, she accepted a hybrid clinical pharmacy position where she works as a clinical pharmacist in specialty clinics, including Anemia, Pulmonary, and Pharmacy Injection Clinics, and in the Outpatient Pharmacy. One of her ongoing projects is establishing a Pharmacy Women's Healthcare Clinic. She is a member of ASHP and CSHP. Dr. Dea also holds an academic appointment with the University of the Pacific School of Pharmacy.



**Dr. Ruby Chang** received her Doctorate of Pharmacy from the University of California at San Francisco. She completed a residency in Clinical Pharmacy Practice at the Long Beach VA Medical Center. Dr. Chang has worked as a Clinical Pharmacy Specialist in ICU and Ambulatory Care at several different VAs. She established the pharmacy resident rotations in Critical Care at Long Beach VA and in Cardiology at the Bronx VA in New York. Dr. Chang is currently the Ambulatory Care Clinical Specialist in Anticoagulation in which she directs telecare services. She is a Board Certified Pharmacotherapy Specialist and holds academic appointments with UCSF, USC, and UOP Schools of Pharmacy.



**Dr. Ni-Chi Wu** received her Doctorate of Pharmacy from the University of California at San Diego School of Pharmacy. She completed a residency in Clinical Pharmacy Practice at the Baltimore VA Medical Center, and then pursued her interest in oncology by completing an ASHP Oncology Traineeship at MD Anderson Cancer Center. She worked as a clinical pharmacy specialist in internal medicine and oncology at the Baltimore VA Medical Center before accepting a position as the oncology pharmacist at Long Beach VA Medical Center. Dr. Wu is a Board Certified Pharmacotherapy Specialist.



**Dr. Thu Nguyen** received her Doctorate of Pharmacy from the University of Texas at Austin School of Pharmacy. Following graduation, she completed a residency in Primary Care Pharmacy Practice at the VA Greater Los Angeles Healthcare System. Dr. Nguyen is a Certified Diabetes Educator, and currently working in the Pharmacist-Managed Diabetes Clinic and PACT Pharmacy Clinic. She is also the clinical pharmacist for the Pharmacist-Managed Anemia Clinic and involved in operational duties in Outpatient Pharmacy.



**Dr. Michelle Kendall** received her Doctor of Pharmacy from the University of Southern California and completed a 1 year residency in Psychiatric Pharmacy Practice at the Western Missouri Mental Health Center in Kansas City Missouri. Following her residency, she began an inpatient and outpatient practice at the VA Oklahoma City and served as a clinical assistant professor at the University of Oklahoma College of Pharmacy. After relocating back to Southern California, she worked as a outpatient clinical pharmacist at the VA West Los Angeles working in primary care and mental health for 10 years prior to coming to the VA Long Beach where she currently works as a PACT Pharmacist. Michelle is a Board Certified Psychiatric Pharmacist and has been recognized nationally for her collaboration with nursing educators in providing lectures to nursing students and nurses preparing for specialty certification exams.

## **Pharmacy Department Management Staff**



**Dr. Steven Chretien** received his Doctorate of Pharmacy from the University of California at San Francisco. He has been instrumental in developing clinical pharmacy programs at the Long Beach VA Medical Center since their inception in 1976. Dr. Chretien is currently the Acting Interim Chief of Pharmaceutical & Sterile Supply and Professional Leader. His primary area of research and practice is lipid pharmacology. Dr. Chretien holds academic appointments with USC, UOP, and UCSF Schools of Pharmacy.



**Dr. Esther S. Kim** received her Doctorate of Pharmacy from the University of Southern California School of Pharmacy. Following graduation, she worked as an inpatient staff pharmacist at Columbia VAMC, Central Arkansas VA Healthcare System, Central California VA Healthcare System and was the Director of the Pharmacy at Federal Correctional Institution at Memphis, TN. Subsequently, she was promoted to a Lead Pharmacist at Long Beach VA Healthcare System. Dr. Kim is a Certified Geriatric Pharmacist and Certified Disease State Manager in Diabetes. Currently, Dr. Kim is Inpatient Pharmacy Operations Supervisor. Dr. Kim holds academic appointments with Drake School of Pharmacy.



**Dr. Randal Mihara** received his Doctorate of Pharmacy and Master of Business Administration from the University of Southern California School of Pharmacy. He received his Master of Science degree at San Jose State University for research in the area of radiation biology. He received his Bachelor of Arts degree from the University of California, Berkeley in the majors of Biophysics and Integrative Biology. Dr. Mihara has practiced both inpatient and outpatient pharmacy in the greater Los Angeles area. He came to the VA Long Beach Medical Center after holding a position at Kaiser Permanente in West Los Angeles as a supervisor of a 24-hour outpatient pharmacy. Dr. Mihara is currently the Outpatient Pharmacy Operations Supervisor. His areas of interest include workflow operational design and customer service improvement.

## **2012-2013 Postgraduate Year One Pharmacy Residents**



**Stephen Jung** University of Southern California School of Pharmacy



Jessica Lin University of California, San Diego School of Pharmacy



Justine Lin University of California, San Francisco School of Pharmacy



**Christine Kim**University of the Pacific School of Pharmacy



**Lily Vu**University of California,
San Francisco
School of Pharmacy



Marcie Terawasa-Lew University of Southern California School of Pharmacy



Susan Shakib University of Southern California School of Pharmacy

