



LOMA LINDA UNIVERSITY

School of Pharmacy

2012 | Fall
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NEWS CAPSULE



**A Culture of
SERVICE**

:: Botswana

:: Honduras

:: Romania



Mission Focused Learning: Building on a Century of Institutional Service

—Billy Hughes PhD, Dean

There is excitement in the air when classroom knowledge and clinical skills are transported internationally to provide healthcare services to those in need. The School of Pharmacy is following in the footsteps of other Schools at LLU, some with over 100 years of experience, to bring hope and healing to the world. These international experiences give our student pharmacists practice settings where they actively participate with interprofessional healthcare teams.

During LLUSP's 10-year history, it has been with strategic intentionality that we have been able to provide and support over 100 student pharmacists, faculty, or staff with international service opportunities to 18 countries. Our access to LLU's Global Health Institute helps us navigate the where and when; the School's International Pharmacy Outreach Committee (IPOC) promotes and ensures the success of the who; the School's alumni, students, staff, and faculty contribute the needed financial support—the how. I am pleased to report that IPOC continues to be LLUSP's number one recipient of individual contributions.

These funds, along with a budgeted line item, ensure that the needed finances are in place to support strategic initiatives.

Most mission service trips last a few weeks, but extended mission service opportunities of one to two years are also available to alumni through the Global Service Scholarship (GSS) program. The GSS pays for student loans and provides a small living stipend. Two alumni, Dr. Danielle Davis ('12) and Dr. David Whatton ('11), have applied for and received a GSS. Global Service Scholarship funds are in place for others to follow.

As dean, I am proud of our School's successes made possible by the many personal commitments of donors, the willingness of alumni to serve, the foresight of faculty to propose, approve and offer a medical missions course, the University's long tradition and support systems, and the Maker of Heaven and Earth. Thanks to all for making LLUSP a worldwide leader among schools and colleges of pharmacy in international health service.

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Romania:

400 Patients | 15 Students | 10 Days

For 10 days this summer, fifteen Loma Linda University School of Pharmacy students, together with one faculty member and four local physicians, provided medical care to 400 patients in two poverty stricken villages in Romania.

The variety of conditions treated ranged from chronic illnesses to minor traumas to acute infectious diseases. The medical care provided impacted patients' health and in many instances, altered the course of their lives.



The theme verses for this trip were **Exodus 33:15** and **I Peter 4:11**, which expressed the team's desire to have God's presence permeate every aspect of the mission and for God's name to be glorified through the works of their hands. The prayers of pharmacy students were answered and the medical team and patients experienced God's presence, love, mercy and provision in great ways. Above all, God was "glorified through Jesus Christ, to whom belongs the glory and dominion forever and ever."



Romania 400 Patients | 15 Students | 10 Days



The people of Romania, through our service, felt that we loved them and through that we were able to share with them God's love for them...

The love we showed them helped them to be receptive to the gospel and understand what God's love is all about.

—Rita Abankwa

It is in our hands to bring change in the field of pharmacy in the next 20 or so years and this particular mission trip has convinced me that I have enough knowledge from school to be able to contribute more to patient care than I ever anticipated.

—Gary Gevorkian

From talking to various patients, I knew we were their only hope and only access to quality healthcare... God provided and guided us every step of the way.

—Quyen Bui

I found that even if there are linguistic barriers, we all have one common "language;" we can feel and experience love through smiles, hugs, and the expression of compassion.

—Bonnie Lee

I found true healing for myself through the grace of God and through the patients that I saw. Their simple lifestyles and joy in life over the little things they have inspired me to live humbly; that is probably the greatest thing that I got out of this trip.

—Van Nguyen



To see that many of the patients were surprised and questioned why we would serve them, showed me that God was the backbone of the trip. The only way that I could reason, how we could all come to Romania and serve such needy communities is through the sovereignty of God. —Jonathan Nguyen





Turtle Research Center at El Venado **Honduras** New SIMS mission trip opens possibilities for pharmacy students

Last summer, SIMS invited Stephen Vodhanel, PhD, to participate in and document their inaugural trip to El Venado, Honduras. He submits this report.

Under the direction and leadership of Associate Professor Stephen Dunbar, PhD, School of Public Health, Students for International Mission Service (SIMS) traveled for the first time to El Venado, Honduras. El Venado, Honduras, lies on the southern tip of Honduras facing the Pacific Ocean. There many opportunities in this desperately poor community of several hundred residents for SIMS-sponsored mission trips, and plans are underway to make this an annual journey. A team from the School of Pharmacy could participate in treating a variety of medical ailments in a country where health services are not readily available. According to the World Health Organization, infectious and parasitic diseases are the leading causes of death. Gastroenteritis and tuberculosis are common. Diseases such as influenza, malaria, typhoid, and pneumonia, once believed to be under control, have returned in force because of a lack of

preventive measures. Due to a poor diet high in carbohydrates, many of the residents of El Venado have blood-sugar levels exceeding 400 mg/dl. Skin ailments are also widespread.

Besides providing medical relief, students can also expect to be involved in an ongoing turtle research project led by Dr. Stephen Dunbar. Dr. Dunbar has been studying the native Olive Ridley, an endangered species that comes ashore during the months of August through November to lay its eggs. This rare opportunity promises to be a highlight of the trip.

Finally, a trip to El Venado, Honduras is one of the most convenient SIMS will offer because of the short flight time. In just half a day, one can begin mission and nature experiences of a lifetime.



If Honduras were your home instead of The United States you would...

- have 3.4 times higher chance of dying in infancy
- use 95% less electricity
- have 85% more babies
- experience 20% more of a class divide
- be 16% more likely to have HIV/AIDS
- spend 97% less money on health care
- die 7.73 years sooner

Stats courtesy of www.ifitweremyhome.com



Botswana *Linda I. Davis, PharmD, MA, TTS*

Interprofessional Clinical Experience Abroad

Within the vast and beautiful continent of Africa, a small southern village became home this summer to five pharmacy students, eleven nursing students and one medical student from Loma Linda University.

It is late June, and currently winter in the desert of Kanye, Botswana. A village chorus of donkeys, goats, chickens, and crowing roosters provided morning humor during our adventurous and cool three and one half week stay. Abigail Adu-Gyane (PY4), Matthew Gutierrez (PY3), Jennifer Nam (PY3), Jenny Nguyen (PY2), Andrew Waite (PY3), and I made up the pharmacy team serving in Kanye SDA Hospital and the neighboring government-run clinics. The government-run clinics were especially grateful for the variety of services pharmacy students offered since they were highly utilized in the community and understaffed. Students recorded vital signs such as blood pressure, temperature, and weight at the patient intake stations of three clinics. They also provided patient immunizations, worked diligently in the dispensary, and even helped nurses with dressing changes. Students also dispensed medications through the hospital's pharmacy and HIV clinic, and observed deliveries along with surgeries as they rotated through pediatric, labor and delivery wards. Abigail Adu-Gyane (PY4) shares, "As a student pharmacist, I was very excited to have the opportunity to assist and learn from the medical doctors, nurses, and pharmacists. It was humbling to see how grateful patients were to receive treatment." Jenny Nguyen (PY2) states, "Although I came to Botswana very apprehensive about manually giving blood pressure screenings, reconstituting medications, drawing solutions, and giving vaccinations, performing these duties

on a daily basis made me very confident in myself as well as my abilities... Overall, this trip was an amazing experience academically, socially and spiritually. Socially, I was able to experience, better understand, and appreciate the traditions and values of a different culture. Spiritually, I feel closer to our Savior and a greater tug at my heart for service"

Students shared devotional messages and led in morning worship for the students, staff and administrators at the Kanye College of Nursing. Experiencing the people and medical practices of a different country made for opportunities in professional and personal lessons. Matthew Gutierrez states, "...this trip has had a profound effect on me... In fact, it has reconfigured my thoughts about what is important. The most important thing is life, and it should be treasured and respected with gratefulness and humility. The life of another is just as important as your own."

The pharmacy students and I were invited to join in this clinical experience after the School of Nursing completed 8 years of training in this community and realized pharmacy students would be a valued asset to the team. Loma Linda University pharmacy students coalesced into the medical team with ease and made a difference in the lives of hundreds of patients in Kanye. The School of Pharmacy looks forward to returning to serve in Kanye, Botswana in the near future.



Andrew Wornat Photography



School News

The School of Pharmacy Moves to Shryock Hall

The School of Pharmacy has moved into a modernized Shryock Hall, originally constructed in 1936.

The School of Pharmacy has moved into a modernized Shryock Hall, originally constructed in 1936. For the School of Pharmacy, the move is significant and articulates Dr. Hughes' goal to move the school into a space that would reduce the school's campus footprint and consolidate academic operations in three adjacent buildings --Centennial Complex, Evans Hall, and Shryock Hall.

After nearly one year of planning, the construction phase began in November 2011. It seemed impossible that we would meet the September 2012 move-in date as demolition and abatement phases were underway. Seeing the progress in framing of office spaces on the second floor and major changes to the amphitheater was a hopeful sign.

As of Tuesday, September 26, 2012, the School of Pharmacy was officially open and operating in Shryock Hall. The remodeled Shryock Hall features a completely refurbished amphitheater, expanded room for the Department of Experiential Education, a student lounge and collaboration center, as well as a floor plan that promotes comfort, convenience, and easy access to services.

From the very beginning, the architectural design developed with the goal of preserving the historical appearance of both exterior and interior features of the building. Once inside, it is evident that the design exceeded expectations. Welcome home, School of Pharmacy!





School News

School of Pharmacy Celebrates 10th Anniversary

April 2012 brought the 10th anniversary of the Loma Linda University School of Pharmacy. Administrators, faculty, and staff opened the School of Pharmacy in April 2002, for preparation of the first students arriving on campus in September 2002.

The School of Pharmacy was granted full accreditation in 2008 by the Accreditation Council for Pharmacy Education (ACPE) to offer the Doctor of Pharmacy degree program. ACPE is the sole accreditation agency recognized by the U.S. Department of Education to accredit professional degree programs in pharmacy. The curriculum has been developed in accordance with the standards and guidelines of ACPE.

In celebration of the 10th anniversary, over 200 administrators, faculty, staff, students, and alumni celebrated with a dinner event

held in the Chen Fong Conference Center located in the Centennial Complex building.

Attendees and speakers included Drs. Richard Hart, MD, DrPH, and B. Lyn Behrens, MBBS, discussing the formative process of addressing the need for a new school of pharmacy. Dean Billy Hughes, PhD, addressed the success of the school during the first 10 years, while the first dean, Bart Rippon, PhD, addressed the historical challenges and opportunities of starting the new school of pharmacy. All four current classes were represented by class officers, and alumni from each of the six graduating classes were present, as were many of the recipients of the President's Award, Wil Alexander Whole Person Care Award and Dean's Award. At the conclusion, Dr. Wil Alexander offered a prayer of dedication for the School.



2002	Ten-Year Details	2012
34	Students	310
34	Class Size	82
99	Applicants	604
0	Alumni	297
0	Global Outreach Countries	18
0	Global Outreach Participants (excluding Mexico)	62
\$1.3M	Budget	\$12.2M
\$609K	Donations (Cumulative)	\$1.93M
6	Faculty FTE (Budgeted)	28
0	Clinical Rotations	591
\$25K	Annual Tuition	\$40K





School News

School of Pharmacy Graduates Largest Class

73 students conferred with PharmD degree

By Stephen Vodhanel, PhD

The Loma Linda University School of Pharmacy commencement ceremony took place Sunday, May 27, 2012 on the University mall. This year saw the largest class in the seven years of LLUSP graduating classes, with 73 students receiving the PharmD degree. Speaking to the class of 2012 was Loma Linda University President Richard Hart, MD, Dr.PH, with a thought-provoking speech titled "Mission Focused Living." Dr. Hart's message enlightened the new doctors of pharmacy about the intrinsic rewards of a personal life and professional career in service to humanity. Dr. Hart's message was timely for our graduates as they enter into practice in a complex nation and world fraught with major health issues.



Our **LLUSP teachers of the year, Drs. Jeany Jun and Robert Teel**, received recognition at the Closing Banquet of the 2012 meeting of the **American Association of Colleges of Pharmacy** in Orlando, Florida. We thank you for your dedication to our students and school!



The School of Pharmacy has received a **\$20,000 grant from Cardinal Health Foundation** to develop a PGY2 pediatric residency program. Thank you, Dr. Norris, Dr. Hamada, and Abby Rowland.



We are excited that **Rebecca Cheung** has introduced our newest family member! Hannah Alana Tran was born on September 25 at 2:29 pm, weighing 8 lb. 1 oz., and measuring 20 inches. Hannah and her family are healthy and doing well.

Dr. Vickie Maskiewicz participated in the 28th annual **"Ride Around the Bear"**, a 106 mile loop that begins in Sylvan Park in Redlands, proceeds up Highway 330 into Big Bear, around the lake, and winds back down Highway 38. Way to go Vicki!!!

A big thank you goes out to SP faculty and staff who participated in LLU's Employee Wellness Program **"Living Whole"** health screenings. The School of Pharmacy had the highest participation rate at 59%, and bested the second place school by 15%. Kudos to SP staff and faculty!

Congratulations to **Kristi West** (Office of Admissions) for earning bragging rights as the LLUSP Driver of the Year. Other staff and faculty drivers tried, but could not come close to Kristi's lap time during a recent Go Kart Outing. Way to go, Jersey Girl! Yes, Kristi admits to learning to drive in Jersey – this certainly explains her skills!

Jim Pinder will begin his year as president-elect of the Redlands Rotary Club on July 1, 2012. **The Redlands Rotary Club** has 102 members and focuses its efforts on raising scholarship funds each year and supporting Rotary International in the final push to end polio. Jim has been a member since 2007 and on the board of directors since 2010. We acknowledge Jim for representing the SP and University in community organizations and outreach.

Experiential Education

Experiential Education Initiates New Programs for Residency Preparation

by Jennifer Mathew, MA

The Division of Experiential Education at Loma Linda University School of Pharmacy is implementing a new set of strategies aimed at increasing the success of our students during the residency application and match process.

Among the new programs that are being implemented are Professional Development Seminars on the topic as well as networking events intended to increase the dialogue and interaction between our students and pharmacy residency program directors and current residents.

The first program was held on Thursday, September 27, 2012. The professional development seminar speakers included Drs. Lee Lam and Jua Choi from Cedars Sinai Medical Center, as well as Drs. Marissa Schroer, Norm Hamada, and LaDonna Oelschlager from Loma Linda University School of Pharmacy & Medical Center. Students gained much needed insight into

the process and the courage to proceed with confidence as they apply to residency programs this year.

The evening reception, held at The Mission Inn, Riverside, provided an excellent opportunity for students to network with residency program directors and current residents representing nine programs including Desert Regional Medical Center, Kaiser Permanente-Fontana, Kaiser Permanente-Panorama City, Kaiser Permanente-Riverside, Loma Linda University Medical Center, Arrowhead Regional Medical Center, V.A. Loma Linda Healthcare, and CHA Hollywood Presbyterian Medical Center.

The evening was a tremendous success and allowed students to gain much needed insight into the process and the courage to proceed with confidence as they apply to residency programs this year.



Student News

Dean Billy Hughes Greet Class of 2016

“Professionalism starts today.”

by Stephen Vodhanel, PhD

Student orientation for the class of 2016 began Monday, September 17th, with a warm welcome from Linda Williams, MS, assistant dean of student affairs and admissions. The week long student orientation at the School of Pharmacy is a tradition aimed at informing the students about the many topics necessary to be successful at Loma Linda University. Following a devotional by Young Adult Pastor Dr. Timothy Gillespi of Relive Ministries, Loma Linda University Church, Dean Hughes challenged the class of 2016 with the declaration that “professionalism starts today.”

During the week, student pharmacists receive CPR and First Aid training for APhA Immunization certification, be introduced to the PharmD curriculum, learn about various professional pharmacy organizations, and receive an historical review of the university conducted by LLU historian and author, Dick Schaefer. “Make no mistake about it, pharmacy is a complex profession.” The number of drugs and all the combinations for chronic and acute disease management makes for a very complex profession. The successful pharmacist must begin

now to nurture professional relationships with all members of the healthcare team. Those important relationships begin today,” said Hughes.

Dean Hughes finished the welcome greeting with a reminder and an invitation to wholeness by growing in one’s faith, integrating health, values, and spirituality. “Regardless of your faith tradition, we at Loma Linda University want each and everyone of you to grow. Grow spiritually, live healthy lifestyles, work and study with values important to you and those around you...or in the words of the university, live with intentionality to achieve wholeness.”

Students also enjoy an off-campus retreat in the nearby San Bernardino Mountains. Located one hour from campus and above the 6,000 foot elevation, student pharmacists will enjoy cool autumn weather. The overnight retreat has meetings and events, and also provides everyone with a relaxing opportunity in which to meet classmates and the many people associated with the School of Pharmacy.

The entire School of Pharmacy welcomes the Class of 2016!



Student News

Third-year Pharmacy Student Attends Week at University of Utah

Ashlyn Davies attends University of Utah School of Alcoholism and Other Drug Dependencies

by Stephen Vodhanel, PhD

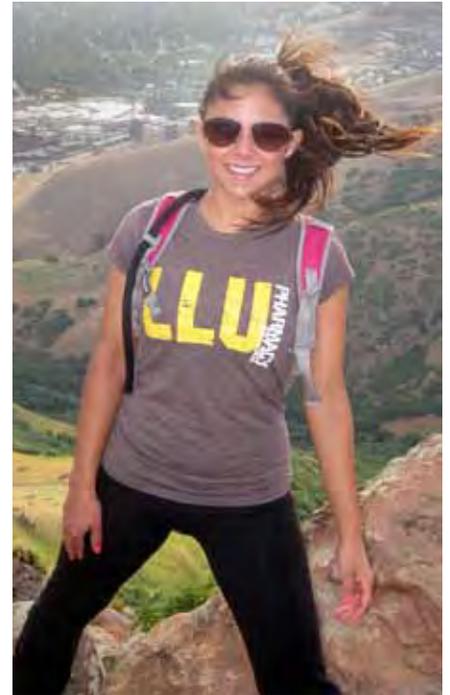
Pharmacy student Ashlyn Davies participated in a week-long summer seminar with the University of Utah School on Alcoholism and Other Drug Dependencies. Davies studied about the pathophysiology of addiction, the current worldwide and national trends in illicit and prescription drug abuse, as well as approaches to pain management for addicts.

“During the seminar I had the chance to attend 12-step recovery programs such as Alcoholics Anonymous (AA), Narcotics Anonymous (NA), Al-Anon (recovery from someone else’s drinking troubles), and the Pharmacist Recovery Network (PRN) that help pharmacists with various addiction problems. Each group session was deeply touching. I could see the real trouble and real pain of people with addictions as well as the

co-dependency issues that addiction lays upon family members and loved ones of addicts,” said Ms. Davies.

According to their website, the University of Utah School on Alcoholism and Other Drug Dependencies is recognized internationally, and has continually expended its scope to keep pace with increased awareness of the health and social problems of alcoholism and other drug dependencies. Specialized information is given for working effectively with substance abuse problems in various professional disciplines and ethnic groups. For more information, please visit <http://medicine.utah.edu/uas/Introduction.htm>.

And, of course, Ms. Davies saved a little of her time to visit the scenic sights of the great Wasatch Range, the western edge of the greater Rocky Mountains.



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The **Annual LLUSP Health Fair** was on Sunday, May 20, 2012, at CVS in Redlands. Student organizations put together this event yearly as an opportunity to serve the community. Each year, the number of community members attending the Health Fair increases, making the outreach event ever more popular with LLUSP students and their organization advisors. In the future, this event will develop into an inter-professional event.
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We congratulate **Sarah Prates**, class of 2013, chosen for the **CSHP Leadership Award**. This very distinguished leadership award recognizes involvement in and contribution to CSHP (California Society of Health-System Pharmacists) and the profession of pharmacy.
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May 2012 saw an historic event at the **2012 Proton Charity Invitational** at Terra Lago Golf Course in Indio. **Justin Kinney** (PY3) represented the School of Pharmacy impressively by winning closest to the pin in the tournament with a hole in one. It was the first **hole in one** the tournament has seen in its 22 years! Well done, Justin!
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The **AMCP student organization** contributed to the **Annual University Family Health Fair** at the Drayson Center on October 28, 2012. Students educated attendees on asthma aware-ness. Thank you to all who participated.
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Faculty News

Pharmaceutical Sciences Introduces New Faculty Members



Danyetta D. Anderson, PhD,

Assistant Professor received her PhD in Biochemistry from the Ohio State University School of Pharmacy. Following, she was awarded a Ruth L. Kirschstein Postdoctoral Fellowship in Cancer Etiology and Prevention from Johns Hopkins University. Dr. Anderson's area of expertise is biochemistry and breast cancer. Her first year at LLUSP will be dedicated to pursuing her research interest

in TNBC (triple negative breast cancer). What keeps Dr. Anderson "whole" outside of LLUSP are her relationships with God and her husband. She creatively pursues a number of hobbies, including amateur photography.



Kristopher E. Boyle, PhD,

Assistant Professor received his PhD in Organic Chemistry from the University of California, Irvine and then performed post-doctoral studies at the Scripps Research Institute in organic and medicinal chemistry. Dr. Boyle will begin teaching Medicinal Chemistry in the fall quarter of 2012. He is currently beginning a research program to identify compounds active against multidrug-resistant strains of malaria. Dr. Boyle has a five-year-old daughter, Kiana, who keeps him busy when he is away from the university.

Pharmacotherapy & Outcomes Science New Faculty Members



Diana X. Cao, PharmD, BCPS,

Assistant Professor received her PharmD from the University of Southern California. She then completed a general practice residency at the University of California, San Francisco, and a specialty residency in cardiology and critical care at the University of Southern California. In her field of Internal Medicine, Dr. Cao will be teaching IPDM II: Fluids and Electrolytes this upcoming fall

quarter, and she will be practicing at the LLUMC medical intensive care unit. Dr. Cao enjoys traveling and catching up with family and friends in her free time.



Farnoosh Zough, PharmD,

Assistant Professor received her PharmD from University of Southern California and completed one year of residency at LLU. Dr. Zough will coordinate and teach the Pharmacist Guided Self-Care I in winter quarter of 2013. She will also co-coordinate and teach the Pharmacist Guided Self-Care II in spring quarter of 2013 with Dr. Tran. Currently, Dr. Zough is participating in a

multidisciplinary collaborative team at the LLUMC in acute medicine. Additionally, she is taking part in the inter-professional development program with Dr. Labib at the Medical Simulation Center. Dr. Zough enjoys traveling, dancing, and spending time with her nieces and nephew while away from the university.



Tania Stewart, PharmD,

Assistant Professor received her PharmD from LLU School of Pharmacy in 2009 and continued on to complete a PGY-1 Pharmacy Practice Residency (Oncology focus) and a PGY-2 Oncology Specialty Residency at LLU Medical Center/LLU School of Pharmacy. Dr. Stewart will begin teaching Pharmaceutical Care Lab 2 in Winter 2013, as well as Oncology

& Transplant in Spring 2013. Her current research interests include anticoagulation in the cancer patient and complementary medicine in cancer. In her free time, Dr. Stewart enjoys hiking with her husband Kyle, drawing comics, and playing the piano.



Huyentran N. Tran, PharmD,

Assistant Professor received her PharmD degree from LLU School of Pharmacy, then completed Post-Graduate Year (PGY) 1 residency at Desert Regional Medical Center, and concluded with PGY2 Cardiology residency at LLU School of Pharmacy. Dr. Tran will begin coordinating and teaching Pediatrics Elective course in the autumn quarter of 2012, co-coordinating Pharmacist-Guided

Self-Care I in winter quarter 2013, and coordinating and teaching the Pharmacist-Guided Self-Care II in spring quarter 2013. Dr. Tran is currently participating in a multidisciplinary collaborative team at the International Heart Institute and LLUMC to provide comprehensive care in managing patients with cardiovascular diseases. Dr. Tran's seven nieces and nephews keep her busy when she is away from the university.



Phipson C. Wu, PharmD, BCPS,

Assistant Professor received his PharmD from the University of Southern California in 2008, and has since completed two years of residency training with specialization in drug information. Prior to coming to Loma Linda, Dr. Wu was a pharmacy program coordinator at Cedars-Sinai Medical Center. He will be teaching a course in drug information and literature evaluation in the winter quarter

of 2013. In his free time, Dr. Wu enjoys traveling and exploring various cuisines.

Faculty News

Publications

Kudos (and huzzahs), sounded for **Dr. Rich Maskiewicz's lab. Drs. Maskiewicz and Simi Gunaseelan** have two papers that published in early July. "Sustained Local Delivery of Structurally Diverse HIV-1 Microbicides Released from Sublimation Enthalpy Controlled Matrices," was published in *Pharmaceutical Research*. The first author on this publication was Dr. Simi Gunaseelan, Research Associate. A second paper, "Sublimable C5A Delivery Provides Sustained and Prolonged Anti-HIV Microbicidal Activities," has been published in *Antimicrobial Agents and Chemotherapy*. Thanks to Simi and Rich for their contributions to the research endeavors of the Pharmaceutical Sciences department.

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Having finished her research term with Dr. Maskiewicz, **Dr. Simi Gunaseelan** has accepted an Assistant Professor position at the West Coast University School of Pharmacy. All in the LLU School of Pharmacy congratulate Dr. Gunaseelan on her new career. We will miss her very much.

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Dr. Jack Chen's "Prayer of Consecration," delivered at the White Coat Ceremony of the Class of 2015 class, was published in *Christianity and Pharmacy*.

Congratulations to new faculty member Dr. Huyentran Tran for publication of her manuscript in the peer-reviewed journal *"Current Cardiology Reviews"*. This is the result of her extensive work over the past 15 months collaborating with faculty at Loma Linda University School of Pharmacy (Dr. Elvin Hernandez, Department of Pharmaceutical Sciences), (Dr. Javad Tafreshi, Department of Pharmacotherapy and Outcomes Science) and LLU School of Medicine/LLUMC faculty (Dr. Sudha Pai, Dr. Vilma Torres, and Dr. Ramdas Pai). This was truly a multidisciplinary effort, both between the two Departments within LLUSP and between LLUSP and LLUSM/LLUMC faculty. Tran HN, Tafreshi J, Hernandez E, Torres V, Pai S, Pai R. "A Multidisciplinary Atrial Fibrillation Clinic," *Current Cardiology Reviews*.

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Drs. Carl Dominguez and LaDonna Oelschlaeger presented a poster titled, "Pharmacy Resident's Perception of Academia After Completion of a Teaching Certificate Program," at the American Society of Health-Systems Pharmacists (ASHP) 2012 National Residency Preceptors Conference this July in Washington, DC.

Jim Pinder's paper, "Development Professionals at Religiously-Based Non-Profit Organizations: Why They Leave and How to Improve Retention," has been accepted for publication in the journal, *SAGE Open*.

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We commend **Dr. Siu-Fun Wong** as she continues her robust record of publication and cross-institutional collaboration. Chase DM, Wong SF, Wenzel L, & Monk B. Chapter 20: Palliative Care and Quality of Life. In ; DiSaia & Creasman, eds. *Clinical Gynecologic Oncology*, 8th edition. Philadelphia, PA. Elsevier-Saunders. 2012:597-630 (ISBN: 978-0-323-07419-3). Dr. Wong's work has also resulted in multiple published abstracts and poster presentations. Citations for Dr. Wong's collaborative work include LLUSP student pharmacists; PGY2 oncology resident, Dr. Cham Nguyen; and Dr. Hamid Mirshahidi (School of Medicine). Dr. Wong's active participation with the Southwest Oncology Group (SWOG) continues to promote institutional and professional collaboration.

PGY2 Cardiology Pharmacy Practice Residency Program Receives Accreditation

Under the leadership of Javad Tafreshi, PharmD, BCPS, AQ Cardiology, FAHA, Loma Linda University's post-graduate year-two (PGY2) cardiology pharmacy practice residency program has received accreditation from the American Society of Health-System Pharmacists (ASHP). Dr. Tafreshi writes, "I wanted to take this opportunity to thank you all for your support. In particular, I would like to thank Drs. Hughes, Norris, and Hamada for their continuous support of our residency programs and Drs. Ramdas Pai, Dale Isaëff, Chris Hauschild, Carl Dominguez, Lee Nguyen, and Robert Tan for helping me with the visit and prepare the required documents." Historically, Dr. Tafreshi's cardiology specialty program, established while he was in Arizona, was the first in the nation that received accreditation from ASHP. Thank you, Dr. Tafreshi and team for your work on attaining this important milestone here at LLUSP.

Pharmacy Practice Residency Programs and Fellowship Program

Welcome to our new 2012-2013 residents! PGY1 Residents: Drs. Tommy Bushell, Gloria Cheng, Nam Cho, Emily Garispe, Jennifer Joo, Jennie Kittipha, Sun Yoo Min, Ha Young Park, and Marissa Schroer.

PGY2 Residents: Drs. Zahra Azadbadi-Oncology, Dan Dao-Pharmacy Administration, and Kayvan Moussavi-Critical Care. We also warmly welcome Dr. Alexander Winans, our Pharmacy Fellow in Infectious Diseases.

(Extended information regarding LLUSP residency and fellowship programs can be found on the LLUSP website pharmacy.llu.edu.)

Alumni Feature

Loma Linda University School of Pharmacy Alumnus Returns Home to Africa

Dekabo Saba, PharmD, Class of 2007, wishes to “change the life of one person at a time.”

by Stephen Vodhanel, PhD

Growing up in Ethiopia, LLUSP alumnus Dekabo Saba, PharmD, witnessed how medicine used to be practiced in Africa just 20 years ago. Back then, a neighbor of Dr. Saba began his own pharmacy and medical clinic with less than three months of formal training. “I am in no way discrediting this individual because at that moment that was what we were supposed to have, but this man did everything from delivering babies to surgery,” said Saba.

Dr. Saba’s current assessment of healthcare in Ethiopia, as well as all African countries, is that the role of pharmacist in the multi-disciplinary medical team is vague. “I thought there is a clear regard to their professional image in medicinal knowledge, but the perceived value of their expertise to patients’ healthcare is limited,” said Saba.

According to Dr. Saba, there continue to be challenges to provide healthcare to Africa’s poor, such as when unregulated and improperly compounded drugs are dispensed in what are sometimes lethal doses—something pharmacists can correct.

Dr. Saba returned to Africa shortly after receiving the PharmD degree here at Loma Linda University in order to “promote indigenous solutions to indigenous healthcare problems.” For Dr. Saba, this means focusing on education by providing

guidelines for certain disease states to pharmacists and other healthcare professionals in Africa to help them know how to manage, treat, and prevent diseases. “It also involves working with pharmacy boards in Africa to develop laws for pharmacists, pharmacies, and drugs,” said Saba.

While working in Africa, Dr. Saba has developed a great sense of appreciation for the individual patient in need of help, since the options for medical patients in Africa are so few. “Medical practice in Africa is contrary to our expectations here in America, and often the only way to deliver medical assistance is by trying to meet the needs of one patient at a time by being creative in finding ways to medical resources,” said Saba.

Dr. Saba recommends the experience of working overseas for all pharmacy students. “My best advice is please do not hold back your service! Just make sure that you are prepared for what comes your way once you leave American soil. And be prepared to work around problems created by lack of proper equipment and facilities. There are few resources to meet numerous and desperate needs of the people,” said Saba.

Dr. Saba mentions that the new pharmacy he helped develop in Ethiopia is truly one of a kind. Dr. Saba personally brought much of the equipment to Ethiopia, while also relying upon assistance from many Adventists in the United States. “Despite all the hardships I have gone through, I am trying to emulate what I learned from Loma Linda University School of Pharmacy by becoming one of those medical missionaries I learned about as a child in Sabbath school, and later heard about in the churches at Loma Linda,” said Saba.

The entire School of Pharmacy is very honored by Dr. Saba and his pharmaceutical work in Ethiopia.



Ethiopia



If Ethiopia were your home instead of The United States you would...

- have 12.9 times higher chance of dying in infancy
- be 3.5 times more likely to have HIV/AIDS
- die 22 years sooner
- make 98% less money

Stats courtesy of www.ifitweremyhome.com

“...Make sure that you are prepared for what comes your way once you leave American soil. And be prepared to work around problems created by lack of proper equipment and facilities. *There are few resources to meet numerous and desperate needs of the people.*” –Dr. Saba



Alumni Update

Alumni Attend Dinner Sponsored by LLUSP Office of Alumni

Overlooking the beautiful coastline at sunset, Mastro's Ocean Club in Newport Beach was the location for the first of three dinners planned by the Office of Alumni. There was a great turnout of alumni for the gathering, held on August 26, 2012. It was exciting to see relationships nurtured, and new connections made. Future dinners planned are for Mario's Place in Riverside on January 23, 2013, and in Los Angeles on April 14, 2013 at a place to be determined. Details will follow via email. We hope that many will be able attend these future gatherings.



Landon Dean featured in Sam's Club Magazine *Healthy Living Made Simple*

A recent article in *Healthy Living Made Simple* featured Landon Dean in question-and-answer article "The Pharmacy: A Resource for Men's Wellness." Landon continues to expand his role as Pharmacy Manager at Sam's Club in Riverside, CA.



Spiritual Corner

by Kristopher Boyle, PhD

The only way in which it is possible to obtain a clear understanding of the character of God is as it is revealed through the life and ministry of Jesus Christ, and especially His death on Calvary's cross. Without the understanding that Christ was not simply sent by God, but was God Himself in human flesh, the plan of salvation cannot be seen in its fullness. The first fourteen verses of the first chapter of the gospel of John reveal a God powerful enough to make the world, involved enough to come down to that world, and loving enough to die for a world that "received Him not." That glorious God was Jesus Christ, "the only begotten of the Father." The Bible describes Him as "the express image of [God's] person." (Heb 1:3) What a privilege that we are called on to walk with such as God.



NEWS CAPSULE



LOMA LINDA UNIVERSITY
School of Pharmacy

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