



LOMA LINDA UNIVERSITY

School of Pharmacy

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NEWS CAPSULE



Live It!
A Life of Service



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Live it!

—Billy Hughes PhD, Dean

It’s official — it’s Loma Linda University Health. Our new name not only supports our commitment to an enduring mission, but also emphasizes our commitment to life, wellness and living whole. Core to LLUH, our new brand name, is the slogan “LIVE IT”. Through “LIVE IT” we’re letting everyone know that our dedication to wellness and living whole extends beyond our roles as faculty, staff, and administration. More than how we teach, conduct research, operate a school, or engage in service — it is about how we live. When we say “LIVE IT”, we’re talking about our commitment to make man whole. Everything we do must change lives for the better. This includes our own lives.

Faculty and staff in the School of Pharmacy are committed to “LIVE IT”. While at Loma Linda University, I hope you witnessed and personally experienced “LIVE IT”. Take note, if you “LIVE IT” it could be worth \$2,000,000. By taking charge of wellness and wholeness in your life you’ll live longer, have less stress and fewer sick days, reduce your impact on the healthcare system, positively contribute to productive and rewarding relationships, and enjoy an enriching spiritual journey. And decades from now you’ll look back and exclaim “I am a force for wellness in the world”!

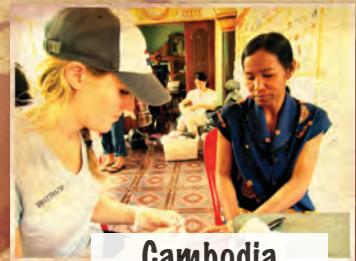
Just “LIVE IT”!

Missions: Reflections

The summer of 2013 saw an unprecedented number of LLU School of Pharmacy students traveling around the world engaging in mission trips. The School of Pharmacy supports a number of students on these trips via scholarships made through the school's International Pharmacy Outreach Committee (IPOC). The following pages highlight the LLUSP student mission trips through students' thoughtful reflections, meaningful photos, and stories of life-changing experiences.



Honduras



Cambodia



Romania



Brazil



Peru

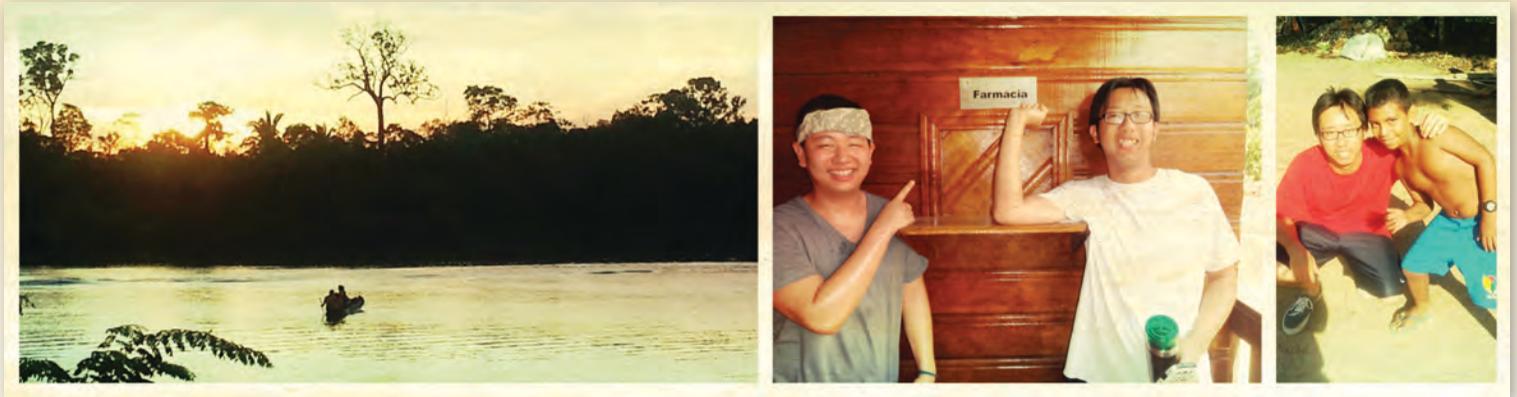


Vietnam

Missions: Reflections

Brazilian Amazon

"I was able to catch a piranha, see a caiman, swim in the Amazon and experience much more ... These achievements pale in comparison to the love showed to one another."



"I was highly anticipating this for trip months. After returning, I can say that this trip definitely exceeded my expectations. I was able to catch a piranha, see a caiman, swim in the Amazon and experience much more that I don't have time to explain. Although I had many expectations in terms of new experiences, I didn't realize how this trip has changed me. Going to the indigenous tribes in the Amazon, my group and I were prepared to do many tasks - from holding health fairs, to planning Vacation Bible Schools, and finally painting the newly constructed church. Yes, the people did benefit from learning about different health tips. Yes, the children learned more about the Bible at VBS. Yes, the church was able to be inaugurated after our efforts. However, I do not believe that these physical tasks were the most meaningful. These achievements pale in comparison to the love showed to one another. It was the relationships that we built that had a lasting impression. I was told on many occasions of how grateful the people were to have someone travel from so far away to help them. I was astonished by how the tribes were such caring and wonderful hosts. Departing from Brazil was especially difficult because of these new relationships. We were all strengthened by the mutual love shared with the indigenous people of the Amazon. This love for one another was the ultimate reminder of God's love for us."

- Jerry Chen, Class of 2016

"This trip to Brazil was special in that it was my first mission trip to South America. It was the first time in my life that I traveled to a country where the culture is so different from mine. I was reminded that life can be simple, yet happy. This journey was a great opportunity for me to share God's love with the local people by serving and interacting with them. We accomplished that by providing free health clinics, vacation bible school, and developing mutual friendships. In the process of doing so, God reminded me what the important things in life are. The funny thing is that I went on this mission trip with the idea of impacting people's lives; but at the end, I realized that it was my life that was impacted."

-David Loh, Class of 2015



Missions: Reflections

Cambodia



"Every interaction with a patient held such meaning. It might be one of the few times that they are able to receive healthcare. Or, it might be the first time that they have heard about God. The challenges of pharmacy school are no longer things to stress about. They are a reminder of that sense of purpose and to constantly seek that feeling in what I do here."

— Michelle Park, Class of 2015

"'What am I doing here?' This mission trip was by far the most intense service-oriented mission trip I have ever experienced. From the beautiful Angkor temples to the chaotic crammed streets of Phnom Penh, I experienced Cambodia with four other Godly-minded people. I ate new foods, I saw sights unblemished by human interactions, and I now know three

full phrases in Khmer. Despite all these amazing events, what this trip really did for me was bring clarity to an idea that I have wrestled with in regards to mission trips. "What am I doing here?" After wrestling with this long-unanswered question, I realized that mission trips are not a reason to rush in with reinforcements to save the people. They are, rather, an opportunity for service and reflection on doing all these things for God's glory."

— Joseph Han, Class of 2015

"When I went on my first medical mission, I thought that I would get to share the Gospel with the Cambodians; but I quickly realized that cultural and language barriers would prevent me from doing so. However, I began to see that the Christian Cambodian translators were

actively sharing the truth of Jesus Christ and praying with patients. It was then that I experienced the truth that God's kingdom is worldwide, that our brothers and sisters are around the world all working towards the same purpose—to further the Kingdom of God."

— Sam Xu, Class of 2015

"The mission trip to Cambodia was one of my most meaningful life experiences. I saw patients enter with gaunt, dark countenances, as if the suffering of their world had dried all happiness. However, by the end of the clinic, many eyes glistened with a subtle expression of joy. I felt like we had done so little, and I realize that I may never know the true extent of our impact. The trip reinvigorated my faith in God."

— Brittanja Simone, Class of 2015



Missions: Reflections

Honduras



"The clinics and health fairs held in El Venado and Utila blessed us with the opportunity to help well over 500 patients. We all learned how to counsel, write directions and warning labels concerning medication usage - all in Spanish. I think my greatest sense of contribution was during a health fair when I was able to apply knowledge and experience in my field of study by calculating and compounding an antibiotic for a child with a major tooth abscess. A dentist on the trip was afraid the infection would spread to the boy's throat, causing inflammation and fatally blocking the boy's airway. Compounding the antibiotic suspension for this specific patient couldn't have made me feel more blessed. In addition to helping patients during clinic and health fairs, this mission trip also gave me the opportunity to meet many locals with kind hearts and high spirits. We played with smiling children (they were so adorable!) and engaged in Bible activities with the kids. By the end of the mission trip I felt renewed. The trip was challenging, but also a blessing in so many ways. I cannot help but be grateful that God gave me the opportunity to help people in great need."

- Jenny Nguyen, Class of 2015

"I signed up for the SIMS Honduras mission trip with two goals in mind: the desire to have a change of pace, and to do something meaningful with my life. As one of three pharmacy students on the trip, during four health clinic days we worked to put together prescriptions and did our best to counsel patients using our limited knowledge of Spanish. During three health fair days, we worked at the "Descanso" or "Rest" station, where we educated participants on the importance of giving the body time to rest. With God guiding us, our team of 16 people was able to reach out to an estimated 500 patients through our health clinics and 150 patients through our health fairs. However, I have learned that the key element to mission trips is not about the numbers, but rather the ability to make a difference in one person's life. I will always remember the look of gratitude on a mother's face as we were able to give her and her children or grandchildren antibiotics that they desperately needed. I will always remember the families who looked tired because they traveled far to be seen in the clinic. I will always remember the way that the faces of the children lit up as they became excited to have their own supply of something as simple as chewable vitamins. Because of the SIMS Honduras mission trip, I was able to have one of the most challenging yet rewarding experiences in my life and I will be forever blessed."

- Erin Pablo, Class of 2015



"Never have I appreciated the things around me like I have since the trip to Honduras. I started the trip not knowing much of what to expect. Living with flocks of mosquitos, scorpions, centipedes, and the warmest hearts of the two places were definitely once of a lifetime opportunities. Hours at the clinics were filled with energy, laughter, passion, and compassion. We wanted to do so much more. I definitely miss most the smiles of the children of El Venado... those happy faces when we handed them simple gifts of crayons, coloring books, stickers, etc., will always be in my heart. After leaving Honduras, I will surely always remember the awesome people and experiences."

- Khanh Vuong, Class of 2015



Missions: Reflections

Peru



This summer I traveled to Huacho, Peru for a two-week medical mission with over 100 healthcare professionals through IMAHelps. I witnessed how the best of intentions with medical missions can encounter problems that can be challenging. A nation-wide strike of all public health nurses and doctors closed the hospital and forced the entire team to arrange other private dental and surgical clinic locations. There were many logistical challenges with pharmacy supplies, but despite these, the pharmacy team averaged 800 scripts a day, with one day reaching 1,144 scripts filled. It was extremely humbling to deliver medical aid to the very poorest of the poor in Peru. The smiles on their faces helped make all of the problems we had getting set up worth it. This trip was a great reminder that the reason for missions is about the people you help.

-CJ Jacobson, Class of 2015



Missions: Reflections

Romania

By Naomi Florea, PharmD

This summer, from July 29-August 8, 2013, 15 students from Loma Linda University School of Pharmacy, a program that is dedicated to training Doctors of Pharmacy that are capable of serving as clinicians in medical missions around the world, traveled to the country of Romania for the fourth annual Romania Medical Mission Trip.

The primary scope of the mission trip was for students to provide medical care to patients living in under-served, poverty stricken villages where access to healthcare was quite limited. In addition, students were able to solidify their clinical skills and gain further knowledge in how to appropriately integrate and work collaboratively with members of the medical team. Most importantly, students had numerous opportunities to share the Gospel with patients in Romania and truly continue the teaching and healing ministry of Jesus Christ.

Prior to their departure, the 15 students from Loma Linda University School of Pharmacy enrolled in an elective entitled "Introduction to International Medical Missions." The purpose of this course was to offer intensive clinical training in physical examination and diagnosis, disease state management, patient consultation, as well as cultural appropriateness.

While In Romania, the team was joined by three local physicians, and together the medical missions group was involved in screening, diagnosing, and treating over 600 hundred patients with numerous disease states including congestive heart failure, hypertension, hyperlipidemia, diabetes, chronic obstructive pulmonary disease, asthma, a wide variety of acute and chronic infectious diseases, as well as other novel disease states.

It was a unique and life-changing opportunity for all involved. Students witnessed first-hand the tremendous need for medical care in countries outside the United States, as well as the overwhelming physical, spiritual, and emotional impact that can be made through medical missions around the world.



Missions: Reflections

Romania



"Even though this trip touched the lives of so many people in ways that are indescribable, this trip truly changed me, as a person and as a professional. There were numerous events on this trip that opened my heart to Christ and to the love that He shared with us as well as those that were in great need."

— Matthew Gutierrez, Class of 2014

"God worked in such wonderful ways, and through many donations of prayer, time, and funding, underprivileged people were not only treated medically, but spiritually; the medical services provided opened doors to share the gospel with our patients through both word and action."

— Katelyn Horne, Class of 2014

"I was fortunate to get chosen to go on this mission trip and it helped me realize that even the small things that we do will impact the people that we help. Thank you to everyone that made this trip possible."

— Ivan Baring, Class of 2014



Missions: Reflections

Romania

"Participating on the Romania Medical Mission trip was an extraordinary experience because it reminded me of what it means to truly love thy neighbor regardless of race, wealth, education, religion, etc. Being able to help people through the knowledge gained while in school is the most rewarding feeling as a developing professional because it makes the educational investment of a health care degree worthwhile."

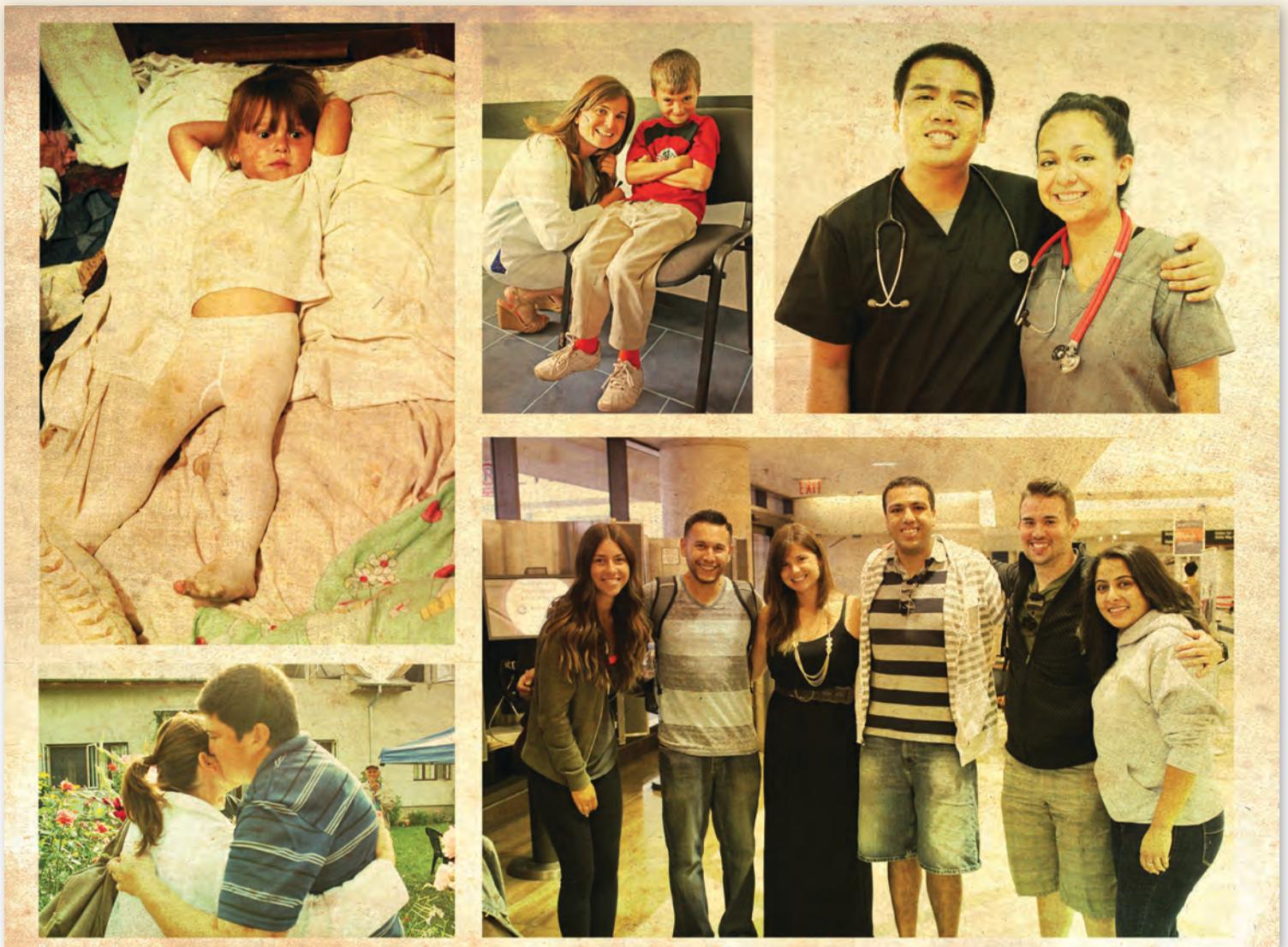
-Vanessa Ardon, Class of 2014

"The most rewarding part of this mission trip for me was spending time with the children there. Anytime I felt tired or weak, I just had to look into one of their faces to be reminded of my motivation for helping the people of Romania. This trip had such an impact on the team and we became a family because we experienced it together."

- Mohivi Patel, Class of 2014

"The mission trip to Romania was truly a life-changing experience. I did not realize how much impact that a pharmacy student like myself can have. We saw numerous patients and provided them with physical examinations, medications, wound care, and consultations. Interacting with these patients and seeing their gratitude brought joy to my heart and helped me realize that this is what I wanted to do as a pharmacist."

-Leon Kung, Class of 2014



Missions: Reflections

Vietnam



This summer, I was blessed with an opportunity to travel with teams of physicians, dentists, nurses, and pharmacists through the GSMDM organization to provide medical care to underserved populations in northern Vietnam. My ability to translate allowed me to work with physicians to perform systems reviews, and formulate therapeutic plans for patients. As translator, I was also able to assist in the teaching of Vietnamese doctors, provide OR support, and coordinate patient surgical logistics. Within two weeks of rigorous hard work, we treated about 3,000 patients and successfully performed 150 surgeries. Despite all, and more than what I could have ever anticipated, the patients have made a tremendous impact on my life spiritually. My faith has grown stronger from this mission trip. My world has been changed because I know there is a bigger purpose in life for all of us - to serve.

—Joyce Cao, Class of 2015



Conversations from the Mission Field

Alumna from LLU's youngest school exploring missions in Malawi

By Nancy Yuen

Many young alumni from the School of Pharmacy have moved back to their hometowns or cities where they want to live and are settling into their professional lives.

After receiving her diploma from the Loma Linda University School of Pharmacy in 2012, Danielle Davis also relocated to a familiar place. But for one of the newest graduates of LLU's youngest school, that place was on a different continent and required a 21-hour flight.

Dr. Davis corresponded from Malawi, Africa, where she is coordinator of the Malamulo Hospital Pharmacy Project at Malamulo Hospital. A major referral hospital for Malawi and Mozambique, the hospital serves a population of 129,000 from two surrounding districts, both of which are among the poorest in Africa. The average income is less than \$1 per day.

While still in school, Dr. Davis traveled to Africa with Students for International Mission Service where she and a peer, Lawrence Rutebuka, observed pharmacy and auxiliary services related to pharmacy. It was due to their observations that the School of Pharmacy was asked to return to Malamulo Hospital. "I wouldn't say medical mission experience is something for all pharmacy students," she says. "A passion for service, flexibility in the role as a pharmacist abroad, creativity, and teach-ability are needed."

These qualities helped Dr. Davis create new policies and procedures. "One of my greatest challenges," she says, "was learning to understand the culture. [Initially] it was frustrating to me that at every turn when I tried to dispose of items including expired sutures, old ace bandages, or unusable orthopedic support I would discover them recycled back into central stores. Instead of continuing to allow that to frustrate me I began donating the items where they could be of use. This included providing expired sutures to nursing students for suture practice and ace bandages to community soccer players for injuries, and giving unusable orthopedic supports to a tailor who would make pillows out of the foam." As her understanding of the culture deepened, the work became easier. "I seriously consider and research ideas before presenting them," she says, "to make sure they are not only from a Western viewpoint but are also culturally appropriate."

David Conkerite II, a LLUMC management resident, was serving a three-month international rotation at Malamulo Hospital when Dr. Davis arrived. "As soon as she landed in Malawi," he says, "she hit the ground running." According to Mr. Conkerite, one of the hospital's major initiatives is to develop processes for pharmaceutical and medical supplies inventory and procurement. "While the hospital receives donations of large containers of medical supplies three to four times a year," he says, "many of the supplies would expire before use due to supplies being packed away with no good record of the inventory. Since arriving, Dr. Davis has worked vigorously to develop processes where all supplies are inventoried with unusable or unneeded supplies



going to good use. This has created much-needed space for additional donations."

Dr. Davis also participates in weekly clinicians meetings, providing feedback on medications and giving presentations on pharmacy best practices; she is also training staff how to organize inventory so it is accessible when hospital departments request specific items.

"While I was in Malawi," says Mr. Conkerite, "I also had the wonderful opportunity to hear Dr. Davis minister through music. She has a wonderful voice and often participates in the local churches by performing special music and singing in the Malamulo Hospital Chorale."

Dr. Davis learned that in Malawi, pharmacy isn't well-known as a clinical service. "At first," she says, "I was concerned I wouldn't be able to use the clinical skills I had developed in school and practice. However, I have been able to do more here than I thought was possible."

This includes working directly with patients during Wednesday morning clinic. "I help them better understand what is taking place in their bodies," she says, "and the potential harm not taking care of themselves can cause. I enjoy watching patients achieve therapeutic goals and seeing the transformation of mindset as they begin understanding how important lifestyle is to their condition."

Dr. Davis serves as assistant professor of global health, department of pharmacotherapy and outcomes science, LLU School of Pharmacy. Her passion for service led her to be named a Global Service Awardee (GSA) funded by the GSA program and the School of Pharmacy.

"I would like to see the project continue," she says. "I am now laying the groundwork in order to make the position in Malawi as clinical as possible."

School News

Dean Billy Hughes Greet Class of 2017

“Your professional life starts today.”

by Stephen Vodhanel, PhD

Student orientation for the class of 2017 began Monday, September 16th, with a warm welcome from Linda Williams, MS, associate 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 the Vice President for Enrollment Management and Student Services, Dr. Rick E. Williams, Dean Hughes addressed the subject of professionalism with a lecture to the PY1 class reminding students that “your professional life starts today.” Dean Hughes stressed the importance of establishing professional relationships through the journey of education at the university.

During the week, student pharmacists receive CPR and First Aid training which will be utilized during APhA Immunization certification training, be introduced to the PharmD curriculum, learn about various professional pharmacy organizations, and

receive a historical review of the university conducted by LLU historian and author, Dick Schaefer.

Dean Hughes finished the welcome greeting with a discussion about Loma Linda University’s values, and the meaning behind the J-CHIEFS acronym in particular:

Justice | **C**ompassion | **H**umility | **I**ntegrity | **E**xcellence

Freedom | **P**urity/**S**elf-control

Students also enjoy an off-campus retreat at Camp Cedar Lakes 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 2017!



Is There a Doctor in the House?

School of Pharmacy Class of 2013 exemplifies success

by Stephen Vodhanel, PhD

According to Class President Shady Mansy, PharmD, there are now an additional 70 LLUSP students that can answer that call. "The four years went by very fast. But this class is special. We became a family shortly after we started our journey and continued to grow even more. We usually overshadowed any other class in participation at events, venues, and conferences. Our four years at LLU exemplified service with so many students doing pharmacy outreach events locally and globally. The Class of 2013 is very ambitious in nature, and the sky is not the limit. Whoever said the sky is the limit certainly wasn't talking about our class," said Dr. Mansy.

Class of 2013 advisor David Weldon, PhD, agrees.

"It was a pleasure to be the advisor for the Class of 2013. They were a fun bunch of students who worked very hard, always sought service opportunities, and were consummate professionals during the entire four years of study and practice.

We could not have asked any more from a group of students, and the university is very proud of the accomplishments of the LLUSP Class of 2013," said Dr. Weldon.

According to the Director of the Division of Experiential Education, Naomi Florea, PharmD, the Class of 2013 did indeed exemplify success. "79% of the students applying to pharmacy residency programs matched to residency programs, and this is above the national average. In addition, the quality and diversity of pharmacy residencies that the graduates matched is quite impressive. There are a great variety of the different pharmacy residency programs nationwide which include PGY1's and fellowships. Graduates will be attending residencies as close as USC and as far away as Rutgers University in New Jersey," said Dr. Florea.

The entire School of Pharmacy is very proud of the Class of 2013!



School News

Pharmacists Month

“Know Your MEDICINE, Know Your PHARMACIST”

by Rithy Horm

Every year, October seems to stand out more than any other month. So what is it about October that makes it so special?

October is Pharmacists Month, which means it is our month to shine as a profession. In the month of October our student pharmacists are actively involved in community outreach. This month alone they are hosting four Market Nights in Redlands, running four health fairs with Walmart and our very own Loma Linda University Health. These outreach events are not only a display of how pharmacists can make an impact in helping to maintain wholeness in one’s life, they also allow our student pharmacists opportunities to reach out to our neighbors to offer services.

Market Nights provide opportunities for student pharmacist to engage with the public. They offer blood pressure

screening, bone density scans, brown bagging, medication awareness and so much more. Often times our student pharmacists see the same patient every



week. What a superb opportunity for our school to highlight our commitment to the community.

In addition to Market Night for Pharmacists Month, Loma Linda School of Pharmacy also hosts health fairs in Highland and the surrounding

area. With the help of Walmart, we are able to have multiple booths that offer services to hundreds of patients. Services offered include diabetes testing and awareness, blood pressure screening, immunization, heartburn awareness, bone density screening, vision tests, brown bagging and so much more! We are also able to include other professions such as School of Nursing, School of Public Health and School of Dentistry to join us in our health fairs. This provides a great interprofessional education for all LLU students. With so many health professions involved, how can we not be excited!

All in all, October may be a busy month for Loma Linda University School of Pharmacy, but this is the month for our student pharmacists to engage in service and shine brightly as they represent future pharmacists from Loma Linda University School of Pharmacy.

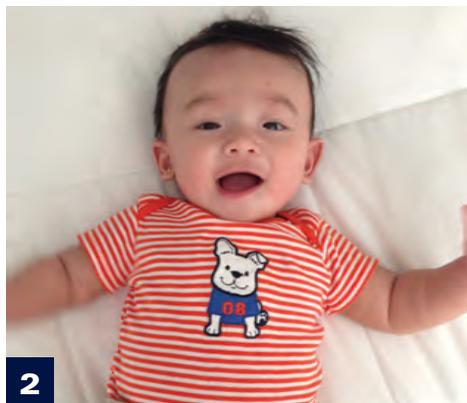
Believe Walk

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An eager team from the SP once again participated in Annual Believe Walk, sponsored by Stater Bros. Charities and Inland Women Fighting Cancer. In its 6th year, the Walk benefits local organizations, including the LLU Cancer Center. **1**



SP Basketball Tournament

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The First Annual Loma Linda University School of Pharmacy Basketball Tournament benefiting the Romania Medical Mission Trip was held on Saturday night, April 13 at the Drayson Center. Eight teams, including faculty, students, and alumni, as well as over 150 guests, participated in the event which generated nearly \$3,000 for the annual mission trip to Romania. A special thank you to all who participated in making this evening a huge success!



New Arrivals

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We welcome Hudson Liam Nguyen. He was born on 05/25/2013 at 6 lbs 13 oz and 19.5 inches. Congratulations Dr. Lee and family! **2**

Arriving just in time to make press is Johann Peter Oelschlaeger. He was born on 10/7/2013 at 7 pounds 11 ounces and 19 inches. We welcome LaDonna’s new joy! **3**



Faculty News



School of Pharmacy Administrative Appointments and Promotions

Rashid Mosavin, PhD, MBA, has been appointed Executive Associate Dean (see separate story). **1**

Javad Tafreshi, Pharm D, has been appointed Chair, Pharmacotherapy & Outcomes Science. Dr. Rebecca Cheung, PharmD, has assumed the role of Vice Chair, POS. **2**

Linda Williams, MS, has been promoted to Associate Dean, Student Affairs and Admission. **3**

Other promotions: Dr. Richard Maskiewicz, Pharmaceutical Sciences, was promoted from Assistant to Associate Professor. Drs. Rebecca Cheung and Naomi Florea have also been promoted from Assistant to Associate Professor, POS department. Also in POS, Drs. Huyentran Tran and Farnoosh Zough received promotions from Instructor to Assistant Professor.

Grants for Research and School Partnerships (GRASP) Grant Awardees Announced

Congrats are in order for two of our faculty members who were recently awarded grants from the LLU Grants for Research and School Partnerships (GRASP) program. Dr. Wei-Xing Shi's project: "Role of miRNA223 in Multiple Sclerosis" received funding for 2 years. And Dr. Victoria Maskiewicz's project: "Novel orthopedic cements for the controlled delivery of antibiotics in the treatment of prosthetic infection in total joint arthroplasty" received funding for 1 year. Congratulations Drs. Shi and Maskiewicz! **4 & 5**



President of the State Board of Pharmacy

The School of Pharmacy congratulates Mr. Stan Weisser for his unprecedented fourth year as President of the California State Board of Pharmacy. Mr. Weisser is presently an associate clinical professor of Pharmacotherapy and Outcomes Science at LLU School of Pharmacy. **6**

Publications

Congratulations to Dr. Jack Chen for the publication of his scholarly work: Chen, JJ, Marsh L. "Depression in Parkinson's Disease: Identification and Management." *Pharmacotherapy: The Journal of Human Pharmacology and Drug Therapy* 2013;33(9):972-983 and Chen JJ, Marsh L. "Anxiety in Parkinson's disease: identification and management." *Therapeutic Advances in Neurological Disorders*. Article first published on July 17, 2013. **7**

The College of Psychiatric and Neurologic Pharmacists (CPNP) Original Research Award Finalist: Jack Chen, PharmD, BCPS, CGP, FASCP, FCCP, Associate Professor, Loma Linda University, Loma Linda, CA. ANCHOR-CD: The Abobotulinumtoxin-A Neurotoxin Clinical & Health Economics Outcomes Registry in Cervical Dystonia.



Faculty News

Rashid Mosavin, RPh, PhD, MBA Promoted to Executive Associate Dean

Leadership in the promotion of excellence in pharmacy education

by Stephen Vodhanel, PhD

School of Pharmacy Associate Dean for Academic Affairs, Rashid Mosavin, RPh, PhD, MBA, has been approved by the University board of trustees to serve as the executive associate dean for the school. The Executive Associate Dean reports directly to the Dean and on request acts on behalf of the Dean in his absence.

Dr. Mosavin's tenure at the School of Pharmacy began in 2004 as an associate professor in the Department of Pharmacotherapy and Outcomes Science. In 2007, he became Chair of the Department of Pharmaceutical Sciences. In 2012, he was promoted to be the associate dean for academic affairs, and fulfilled a vital role in the school's self-study effort and reaccreditation.

Dr. Mosavin began his career in pharmacy in 1986 after earning a bachelor's degree in pharmacy from the University of Kansas. Subsequently, he earned a PhD in molecular pharmacology from the University of Wisconsin-Madison and an MBA with concentrations in economics, strategic management, and marketing from University of Chicago.



Dr. Mosavin's research activities revolve around several pharmacy disciplines. Pharmacy management and innovative models of community pharmacy practice, healthcare policy, the role of information technology in increasing clinician efficiency in ambulatory care settings, to name a few.

Dr. Mosavin's personal journey began across the globe in Iran, his place of birth. He lived in Paris, France in his teenage years in late 1970s and moved to the United States for his higher education in the early 1980s. He is very passionate about pharmacy education and ensuring that LLUSP graduates care for their patients in Loma Linda University's model – "To Make Man Whole."

Dr. Mosavin is a huge blues fan. He tells the story of how he was fortunate enough to meet and chat with two blues superstars, B.B. King and Carlos Santana.

Dr. Mosavin's advice to his pharmacy students: "practice pharmacy the same way B.B. King and Carlos Santana play the blues, with great skill and from the heart."

Pharmacotherapy & Outcomes Science Introduces New Faculty



Alireza Hayatshahi, PharmD, BCPS

Assistant Professor received his PharmD from Midwestern University in 2003. He then completed a general practice residency (ASHP equivalent) at Scottsdale Healthcare and an infectious diseases specialty residency at State University of New York, Stony Brook Medical Center. Prior to coming to Loma Linda University, Dr. Hayatshahi was a faculty member at the Department of Pharmacy Practice, School of Pharmacy, Tehran University of Medical Sciences (TUMS) and coordinator of its therapeutics courses. He also served as Residency Coordinator at TUMS- Shariati Medical Center. Dr. Hayatshahi will practice at LLUMC's intensive care unit. His current research interests include antibiotic utilization and stewardship in critically ill patients and also parenteral nutrition in this population. He will also be involved in Inter-Professional Education Collaborative (IPEC) courses, including the simulation lab. Dr. Hayatshahi enjoys traveling and exploring various cultures.

Kristine A. Parbuoni, PharmD, BCPS

Assistant Professor received her PharmD from University of Maryland School of Pharmacy and completed her PGY-1 Pharmacy Practice Residency and PGY-2 Pediatric Specialty Residency at The Johns Hopkins Hospital in Baltimore, Maryland. Prior to coming to LLU, Dr. Parbuoni was the Assistant Director of Clinical Pharmacy Services at University of Maryland Medical Center and practiced clinical pharmacy in the Pediatric Intensive Care Unit. She is currently completing her term as President of the Maryland Society of Health-System Pharmacists. At LLU School of Pharmacy, Dr. Parbuoni will be coordinating the Clinical Pharmacokinetics course in winter 2014, and will be teaching in the Pediatrics Elective course. She will also be practicing at LLU Children's Hospital. Dr. Parbuoni is excited to be back in Southern California, where much of her family resides. She enjoys traveling, watching football, and eating various cuisines with her husband, two children, and extended family in her free time.



Experiential Education

The Value of Networking

by Stephen Vodhanel, PhD

School of Pharmacy residency match rate exceeds the national average.

The Class of 2013 saw a large increase in the number of LLUSP students obtaining pharmacy residencies throughout the nation.

From the results of a student survey, of the 29 students that applied for residencies from the class of 2013, 79% matched. This exceeds the national match rate of 63.4% for resident positions beginning in 2013 provided by ASHP.

The School of Pharmacy Division of Experiential Education, under the leadership of Dr. Naomi Florea, has dramatically increased the student professional development program. The student professional development program can and does lead to pharmacy residency positions, as well as other professional opportunities for PharmD students.

In September, the Division of Experiential Education hosted a networking reception at the Mission Inn, Riverside, for the class of 2014 with a specific focus on residencies. A Residency Showcase for LLU students will also be held in November at the Redlands Country Club. To date, over 17 programs are registered in the showcase. Alumni are invited and often attend these events.

“The networking events are intended to expose our students and alumni with representatives of residency programs and other thought leaders in the pharmacy profession from all over California, as well as the nation. These networking events provide students with much needed insight into the expectations, requirements, and advantages of various pharmacy opportunities,” said Dr. Florea.

Shady Mansy, PharmD, class of 2013 agrees. “Through these interactions, I was able to figure out which programs I wanted

to apply to, and I was able to meet ahead of time people that I would later be interviewing with. These networking events that Dr. Florea led, I was able to obtain a residency that is highly sought after at the Veterans Affairs in Las Vegas, Nevada,” said Dr. Mansy.

Cathy Thach, PharmD, class of 2013 had a similar experience. “One of the networking events assembled by Dr. Florea’s team enabled me to meet with a residency director who was from an institution that I was interested in pursuing. I had a one-on-one conversation with the director, had enough time to introduce myself, and was able to ask many questions comfortably. This was very helpful as I am currently very happy that this residency program,” said Dr. Thach.

For PharmD students not considering a residency, being exposed to the professionals behind residency programs and learning how a residency program can enhance their career opportunities, is of great value.

According to Ryan Koca, PharmD, clinical informatics pharmacist at Tenet Healthcare states, “Residency was undoubtedly the best decision I could have made after completion of my PharmD program. There is a whole world of opportunities out there in the profession of pharmacy and a residency program is the key to unlocking many doors.”

The emphasis behind the hard work and efforts for student professional development by the Division of Experiential Education is to provide professional opportunities where student pharmacists can network with pharmacy professionals.

Photo: Left to right, Giang Nguyen, PharmD, Resident Program Director Fountain Valley Regional Hospital with students Michelle Tran, Man Minh Nguyen, and Keziah Ngoc-Huong.



Experiential Education

School of Pharmacy Preceptor CE Event - Riverside

by Stephen Vodhanel, PhD

On May 9, 2013, the Division of Experiential Education had the privilege of hosting David Nicolau, PharmD, FCCP, FIDSA, for a Continuing Education program entitled "Optimization of Antimicrobial Efficacy in the Era of Increasing Resistance."

Dr. David Nicolau is the Director of the Center for Anti-Infective Research and Development at Hartford Hospital in Hartford, Connecticut, and has an impressive clinical career.

Dr. Nicolau is respected as an internationally esteemed researcher involving a wide range of preclinical drug development studies to assess the in vitro potency, in vivo efficacy and toxicity profiles of novel compounds.

According to LLUSP's Director of Experiential Education, Naomi Florea, PharmD, "Dr. Nicolau presented an invaluable presentation on the topic of optimizing antimicrobial efficacy in an era of emerging bacterial resistance. The information presented was well received by all pharmacists in, as they acknowledged repeatedly throughout the evening that the

information gained through the presentation will be used in their clinical practice." Over 100 pharmacists, including preceptors and alumni, attended the event.

Beyond clinical education, CE events provide opportunities to develop new and reacquaint established networking relationships. For Steven Forland, Pharm D, clinical specialist of infectious diseases for LLUMC, the CE event was a chance to reacquaint himself with Dr. Nicolau in the professional arena. CE events are also opportunity for LLUSP to collaborate professionally with our preceptor pharmacists, while at the same time enjoying an evening of good food and camaraderie with so many of the LLUSP's good friends.

LLUSP was very privileged to present Dr. Nicolau for the April 2013 Preceptor CE Event.

Photo: Left to right: Doctors S. Alexander Winans, Naomi Florea, David Nicolau, and Steven Forland



Student News

Sarah Faheem selected for VALOR summer internship residency.

by Stephen Vodhanel, PhD

School of Pharmacy PY3 student Sarah Faheem will be spending her summer at the Veterans Administration (VA) Loma Linda Healthcare System gaining much valuable clinical pharmacy experience.

The purpose of VALOR is to provide clinical and classroom experience in various pharmacy clinical settings including inpatient/outpatient, medicine, geriatric, mental health, and primary care.

Rashid Mosavin, PhD, MBA, executive associate dean at Loma Linda University School of Pharmacy, says, "We're excited to have Sarah participate in the VALOR program. She is a strong student leader and will represent the school well. The knowledge Sarah gains this summer will broaden her pharmacy practice and provide valuable experience in the future should she be interested in a post-graduate residency."

According to the VA Loma Linda Healthcare System, the VALOR summer internship residency program is a unique summer internship program for pharmacy students who have completed their second professional year with a minimum GPA of 3.0 in an accredited PharmD program. There are structured, competency-based clinical experiences, didactic course work, and pharmacy-focused patient care under the direction of clinical pharmacists.

Eligibility criteria for the VALOR program are intense. This includes a minimum grade point average, nomination of the student to the program by the Dean of the School of Pharmacy, an essay indicating career goals and objectives for seeking the VALOR summer internship, and an anticipated graduation within two years after entry into the VALOR program.

For Sarah, participating in the VALOR program came from wanting to work with veterans. "I have always wanted to work at the VA hospital because it serves an honorary population of patients. The work is solely focused on veterans. And I have been surprised that this population ranges from 18 to over 100 years of age."

But the VALOR program has come with some surprises. "It is honestly a lot more than I expected. I thought the experience was going to entail outpatient and inpatient aspects, but I quickly realized that it is a lot more clinical. The VALOR program has provided me with situations that I thought I never could handle, but the training is really great and well supervised. I have gained a lot of confidence in what I can do as a pharmacist," said Sarah.

Reflecting upon her first two years in pharmacy school, Sarah realizes how much is actually important. "Honestly,



everything we learned in the first two years is a vital part of what I do now. Every disease state I handle with patients brings flashbacks of things I learned in the classroom. Also, as students we were very well trained in seeking information from patients and counseling them. The training we received in and out of class has helped my confidence in interviewing patients, extracting information from them, and most importantly connecting with patients on a personal level to create a two-way trustworthy relationship."

The VALOR program also can develop career paths for students. "My future plan is to do a PGY1 residency at the Loma Linda VA to start my career as an ambulatory care pharmacist in the Loma Linda VA. Being part of the VALOR program is a great opportunity, and the experience is helping me pursue a great future career," said Sarah.

The entire School of Pharmacy is very proud of Sarah Faheem.

Student News

CPhA Blood Drive

By Michiko Okawara, Class of 2015

Our California Pharmacists Association (CPhA) student chapter hosted the first blood drive in LLUSP history on April 18, 2013 at the Drayson Center. Through the assistance of various professional pharmacy student organizations (CPFI, CSHP, SNPhA and AMCP), LLU Student Association, Campus Ministries, CKC, and dental and medical students, the blood drive was a great interdisciplinary and intercampus event. 66 people signed in to donate and 51 units of blood were collected. This was the most donations received by the American Red Cross among all schools at LLU. Each donor received two tickets to an LA Galaxy soccer game, the Grammy Museum at LA Live, and the Laugh Factory. The Class of 2016 recruited 20 donors to the blood drive and won cupcakes for the PY1 students. The blood drive was coordinated by Michiko Okawara (Class of 2015) and Robert Bahler, American Red Cross Inland Empire Region Representative.



School of Pharmacy's May Health Fair: Team Work At Its Best!

by Vanessa Ardon, Class of 2014

For the past several years, Loma Linda University School of Pharmacy has taken pride in providing the local community with a health fair celebrating the end of another academic year. This year on May 19th LLUSP partnered with Walmart to provide the public with health screenings, educational information, and giveaways. Our students, guided by leaders from each pharmacy student organization on campus, were able to provide patients with a wide array of medication consultations. The organizations and informational booths featured were: AMCP with arthritis, APhA with osteoporosis, CPFI

with heartburn, CPhA with smoking cessation, CSHP with cholesterol, PLS with hypertension, Rho Chi with brown bagging, and SNPhA with diabetes. For the first time ever we also made this health fair an interdisciplinary event partnered with Loma Linda University students from the nursing, dental hygiene, and nutrition programs. They graciously provided blood glucose testing, oral health education, and body composition analyses for our patients.

The entire School of Pharmacy would like to thank Walmart for their sponsorship, equipment, and the facility to host this event. We are pleased to join forces with a corporation that puts a priority on

affordable patient care. In regards to the health fair our corporate partner stated, "At Walmart, our mission is to provide customers with affordable ways to stay healthy. Working with local pharmacy schools, such as Loma Linda University on the recent health fair, enables us to offer the local community the resources they need for their health."

In addition, we'd like to thank the Loma Linda University Student Association for sponsoring patient goody bags and providing equipment for the health fair. Our students look forward to continuing interdisciplinary outreach service projects for the benefit of our surrounding community.



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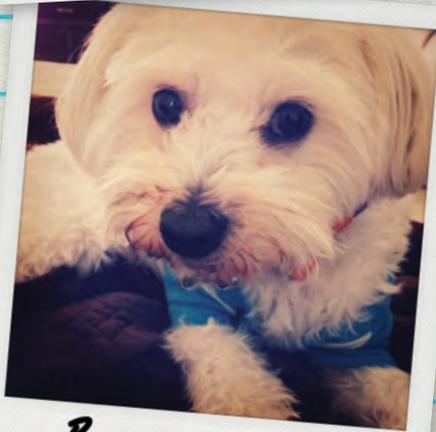
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Alumni Profile

Gerard Rivera, PharmD



Me + Janice



Brooklyn



2 + Cute

Family: Beautiful wife, Janice - My real boss! **Dog:** Brooklyn

Education: Undergraduate, UC Irvine BS Biology

Profession:

Currently work: Newport Beach, CA Regional Director of Orange County for Pacific Pharmacy Group

Reason you are a pharmacist:

It's fun! I've always had an interest in business. The profession of pharmacy has limitless business ventures. It's fun because you get to capitalize on the ventures that most interest you while helping others at the same time!

What do you like most about being a pharmacist?:

Playing quarterback behind that counter! Independent community pharmacy is so dynamic. You really have to stay on your toes because you never know what question you might be ask or whom you may meet for that next business opportunity!

What do you like least about being a pharmacist?:

Tough question.

Your best advice for aspiring pharmacists:

Do what you love so that work is never work.

Who are the mentors or role models in your life and pharmacy practice?

Pharmacy practice Mentor: Dr. Jan Balthasar, CEO. Always cool, collected and full of wisdom. His support in my young career has showed me how awesome the profession could be. I strive to follow in his footsteps to continually advance our company!

Role model:

Grace Rivera, my older sister! She has two handsome twins that are six months old and a beautiful two year old girl. On top of that, she is a Director of Nursing. Need I say more?

Your best memory of LLUSP:

Coming up with mnemonics to memorize material for tests! My crew, Jefmar Dickey, Jean Pierre Bullon and Anthony Hutaaruk still holds the title for funniest mnemonics!

Your favorite faculty member at LLUSP:

Everyone knows Dr. Florea is the best!

Church/Hobby/Community interests:

I try to live an active life-style outside of pharmacy. I love to play basketball and WOD out with Crossfit.

Funniest memory from pharmacy school:

When JP's preceptor called him Jean Claude.



NEWS CAPSULE



LOMA LINDA UNIVERSITY

School of Pharmacy

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