

scope

OFFICIAL MAGAZINE OF LOMA LINDA UNIVERSITY HEALTH

GLOBAL IMPACT

SERVING OUR WORLD

with special annual report section



LOMA LINDA
UNIVERSITY
HEALTH

Opening Shot



ROGER D. WOODRUFF, MD, chair of the Department of Family Medicine at Loma Linda University School of Medicine, leads volunteers in prayer on the second day of a medical mission clinic in the Southeastern African nation of Mozambique in June. Over five days, more than 4,000 people received care at the pop-up clinic from a team of approximately 250 volunteers from around the world — including students and physicians from Loma Linda University Health.



PHOTO BY SHEANN BRANDON



Global Impact

LOMA LINDA UNIVERSITY HEALTH
EXISTS TO SERVE NEEDS
WORLDWIDE – BRINGING
HEALING AND OFFERING HOPE.

FEATURES

<p>16</p> <p>Dean Thomas on training physicians in changing landscape</p>	<p>28</p> <p>Consulting for hospitals in developing nations</p>
<p>18</p> <p>Global service changes us back at home</p>	<p>29</p> <p>School of Nursing's gift to Puerto Rico</p>
<p>20</p> <p>Loma Linda University Health and the Seventh-day Adventist Church</p>	<p>30</p> <p>The Trauma Team's global support</p>
<p>24</p> <p>Influencing care throughout China</p>	<p>32</p> <p>Fighting child smoking in Mongolia</p>
<p>26</p> <p>Resident surgeons train in Malawi</p>	<p>34</p> <p>Students in mission service</p>

DEPARTMENTS

<p><i>From our President</i></p> <p>4</p> <p>Global service changes us back at home</p>	<p><i>Tribute</i></p> <p>6</p> <p>Honoring a life of extraordinary service</p>	<p><i>Updates</i></p> <p>10</p> <p>Clinical and campus news</p>
<p><i>Innovation</i></p> <p>14</p> <p>Published research</p>	<p><i>Alumni</i></p> <p>36</p> <p>Serving worldwide</p>	<p><i>Annual Report</i></p> <p>40</p> <p>Highlights and financials from the fiscal year</p>

SCOPE

is published by Loma Linda University Health, a Seventh-day Adventist organization.

VOL. 54, NO. 2 | FALL 2019

RICHARD HART
President

RACHELLE BUSSELL
Senior Vice President for Advancement

ANSEL OLIVER
Editor

LARRY BECKER
Assistant Editor

KELSEY CULLER
Contributing Editor

**SCOPE
MARKETING & COMMUNICATIONS**
11157 Anderson Street
Loma Linda, California 92354

EMAIL
scope@llu.edu

WEB
llu.org

SOCIAL MEDIA
Facebook.com/LLUHealth
Instagram: @LLUHealth
Twitter: @LLUHealth

ONLINE
llu.edu/news/scope

If you would rather receive Scope digitally, please write to scope@llu.edu.

ON THE COVER: A dental hygiene student cleans a local patient's teeth during June mission trip to Mozambique. Read more about Loma Linda University's mission trips on page 34. Photograph by Sheann Brandon.



**LOMA LINDA
UNIVERSITY
HEALTH**

Why we SERVE



Richard H. Hart, MD, DrPH
PRESIDENT,
LOMA LINDA UNIVERSITY HEALTH

GLOBAL SERVICE CHANGES US BACK AT HOME

There are few things as deeply embedded in Loma Linda University Health's DNA as global service. From our very first graduating classes to all the generations since, this has been a rallying cry for thousands of our students and alumni. This issue of *Scope* chronicles many of our current international activities, which seem to only widen and deepen as the years go by.

It is easy to mislead ourselves and imagine all the wonderful benefits we are providing the world — professional volunteers, equipment, finance, software,

understanding and emotional support, among others. But let me argue once again that *we* are the benefactors, the ones who truly grow and are blessed by these interactions.

Over 20 years ago, some of us were truly concerned about losing some of our more than 70 “mission” hospitals. Times had changed, many local country governments and economies were struggling, and these hospitals were simply not able to keep up. We have attempted to meet this challenge by creating an organization we call Adventist Health International to provide governance and management support, along with people and logistical resources. AHI now works with over 40 hospitals in low- and mid-resource countries to protect and build on their legacies. The challenges are still great, often overwhelming, but the necessity and value of these institutions are even greater. It has been particularly gratifying to watch our young professionals answer their call for help and put their own careers into these challenging situations.

Are we going to “cure” the world? Not at all. Not even close. The issue isn't so much about solving problems, but rather engaging with human need. At whatever level, in whatever fashion, this is how the human spirit grows and connects. Is this needed, and can it be done at “home”? Certainly, and we seek to do that. But there is something powerful about stepping outside our own comfort zone into another culture that forces a fresh look at ourselves and others. Doing this in a non-condescending and truly other-empowering way is an art that is not always easy to learn.

Our Mission Globe sculpture in the center of campus documents the names of our many graduates and employees — more than 2,000 — who have served abroad for at least one year. And the list keeps growing. We now have scholarship funds that cover

2018 WORLD SERVICE FUN FACTS

the educational debt payments of any graduate who chooses to serve abroad after completing his or her training. This is often the best time to go, before financial and other obligations tie an individual or family down, though we now have a surprising number of mid-career professionals and retirees who also choose to serve.

Over the past decade, our Global Health Institute has done an incredible job of coordinating all this activity. From the hundreds coming here from other countries for advanced observation and training, to the many faculty and staff who go out, to SIMS mission trips for our students, the involvement is huge. Many students and residents indicate one of the primary reasons they choose to study at Loma Linda University Health is the opportunity for international involvement. So we seek to meet this growing desire and commitment. Nearly 20% of our student body, around 750 students, will spend time outside the country during this school year. From long weekend trips to Mexico to multidisciplinary or discipline-specific teams traveling to many countries, the march goes on. This is truly Loma Linda University Health at its best. ■

FACULTY AND EMPLOYEES WHO SERVED IN
THE INTERNATIONAL SERVICE PROGRAM **393**

COUNTRIES THEY SERVED **51**

STUDENTS WHO SERVED ON AN
OVERSEAS MISSION TRIP **570**

COUNTRIES THEY SERVED **28**

APPROXIMATE NUMBER OF CHILDREN'S FACES
PAINTED AT ORPHANAGES IN MEXICO **1,200**

AGE OF OLDEST PATIENT TREATED DURING
A STUDENT MISSION TRIP (CUBA) **102**

SEVENTH-DAY ADVENTIST CHURCHES VISITED
DURING STUDENT MISSION TRIPS **104**

MILES STUDENTS TRAVELED ON MISSION TRIPS **8 mil**

PEOPLE SERVING ABROAD IN THE DEFERRED
MISSION APPOINTEE PROGRAM **21**

PEOPLE NOW IN THE PIPELINE TO SERVE ABROAD IN
THE DEFERRED MISSION APPOINTEE PROGRAM **54**

ICU NURSES WHO PARTICIPATED IN MALAWI
ICU NURSING EXCHANGE PROGRAM **8**

PEOPLE IN FIJI WHO HAD THEIR VISION RESTORED BY A
TEAM OF OPHTHALMOLOGISTS VISITING FOR SIX DAYS **137**

RESIDENTS WHO COMPLETED AN
INTERNATIONAL ROTATION **49**

POUNDS OF EQUIPMENT AND SUPPLIES
SENT VIA AIR, SEA OR HAND-CARRIED **58,382**

CHRISTMAS CARE PACKAGES SENT TO OVERSEAS
MISSIONARIES AND THEIR FAMILIES **50**

/ Tribute /

REMEMBERING A LIFE OF EXTRAORDINARY SERVICE

Iconic 'Baby Fae' surgeon Leonard Bailey dies at age 76

HIS BABOON-TO-HUMAN INFANT HEART TRANSPLANT WAS ONE OF 1984'S
BIGGEST MEDIA STORIES AND PUT LOMA LINDA UNIVERSITY HEALTH ON THE
NATIONAL SCENE

BY ANSEL OLIVER



PHOTO COURTESY OF JOURNEY FILMS

Dr. Leonard Bailey with a patient in 2009.

Leonard Bailey, MD, the renowned Loma Linda University Health surgeon who garnered international media attention in 1984 for transplanting a baboon's heart into a human infant known as "Baby Fae," died May 12 at the age of 76 following a battle with cancer.

Bailey's pioneering and controversial procedure spawned human-to-human infant heart transplants and other cardiac treatment breakthroughs. It was also one of 1984's biggest news stories, drawing daily attention of national news networks to the case in which the patient died 21 days later. He went on to transplant hearts in 376 infants and became an authority on congenital heart surgery and a consultant to leading cardiothoracic surgery programs worldwide.

His work also propelled Loma Linda University Health to become the world's leading pediatric heart transplant center and led to innovations that enable surgeons to repair certain complex congenital heart defects instead of patients having to undergo a transplant.

Bailey served as a distinguished professor of cardiovascular and thoracic surgery and of pediatrics at Loma Linda University School of Medicine and surgeon-in-chief at Loma Linda University Children's Hospital. He served at Loma Linda University Health for a total of 42 years.

Though widely recognized for transplantations, they were only a small part of his practice, which consisted of all types of pediatric and infant open-heart surgeries.

Many of his infant heart-transplant patients came back to visit him as teenagers and adults. At least one went on to medical school.

"When we operate on these babies, the hope is that they will live longer than us. It's nice to know that's playing out," Bailey said in 2017 after a 36-year-old former patient visited him. "Often when we start a case we thank the Almighty that He has put us in this position to help and that the outcomes will be according to His will."

While making rounds with young patients, Bailey would often wear neckties featuring Snoopy or Looney Tunes characters. "It sedates the kids a bit," he once quipped in an interview. The surgeon was also known to change a baby's diaper if needed.

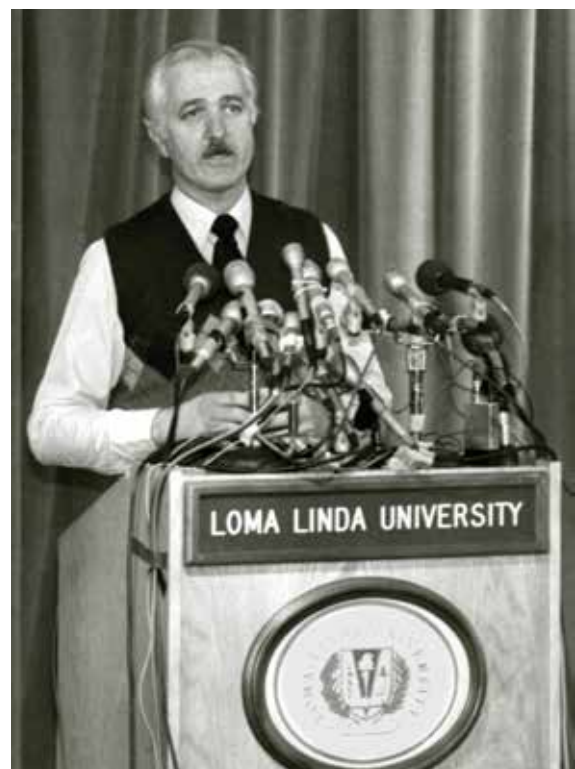
"Our colleague and friend, Len Bailey, served this institution and the world beyond with dignity and courage," said Richard H. Hart, MD, DrPH, president of Loma Linda University Health. "Despite his fame, he was always part of our own faculty family and stood tall in later years as one of our senior statesmen. His humble demeanor and quest for quality exemplified the best of our core values."

Bailey's death was reported in media outlets worldwide, including The New York Times, The Los Angeles Times, The Washington Post and The Times of London.

Leonard Lee Bailey was born on August 28, 1942, in Takoma Park, Maryland, and graduated from the nearby Columbia Union College (now Washington Adventist University) in 1964. He later earned an MD from Loma Linda University School of Medicine in 1969.

It was during a thoracic and cardiovascular surgery residency at Toronto's Hospital for Sick Children in the 1970s that Bailey observed numerous otherwise healthy babies die from hypoplastic left heart syndrome — a congenital heart defect that defied successful reconstructive heart surgery.

Bailey mentioned during a Monday morning teaching conference that he thought their infant patients with hypoplastic left heart syndrome needed a transplant. Everyone stared at him in silence. A transplant had never been performed on a newborn.



Bailey returned to Loma Linda University in 1976 to join the faculty as an assistant professor at the School of Medicine. He began conducting infant surgeries similar to what he had learned in Toronto. But he worried that the post-care team had little experience with such young patients. So he would often move into the patient's room and sleep in a reclining chair for several days, insisting on watching the baby himself following surgery.

Over the next few years he performed more than 200 experimental transplantations in infant research animals to determine the feasibility of transplantation in young mammals.

In 1984, Teresa Beauclair visited Loma Linda University Medical Center with her infant daughter Stephanie, who suffered from hypoplastic left-heart syndrome, an underdevelopment of the heart's left side.

"In those days, the advice to parents was to leave the baby here to die or take it home to die," Bailey recalled in a 2009 interview.

Beauclair made the decision to allow the experimental surgery on her daughter after hospital staff had given her the phone number for the coroner.

The patient's middle name, Fae, was chosen to provide anonymity for her and her mother (Beauclair revealed her identity to the public in 2009).

On October 26, 1984, Bailey and his team transplanted a baboon's heart into "Baby Fae," as she became known to the media. The procedure sharply divided the medical community and brought protest from animal rights groups, some of which sent protestors to the university and called the procedure "ghoulish tinkering" with human and animal life, media reports stated.

But the procedure had widespread support, too. "It amazes me that 90% of us can enjoy a juicy steak, paté de foie or a good joint of lamb and not face protesters at the meat market," stated a letter to the editor of Montreal's Gazette, "[but] use a baboon's heart to save the life of a child, however, and suddenly we are told that we all need a lesson in compassion for animals."

Loma Linda University Health historian Richard A. Schaefer recalled that university press officers invited Beauclair to attend several of the news conferences in Randall Amphitheater. They protected her anonymity by providing her a lab coat and having her stand with doctors on the sidelines.

Baby Fae lived for 21 days, two weeks longer than any other previous inter-species transplant recipient.

The evening of Baby Fae's death, Beauclair told Bailey she didn't want her daughter's surgery to have been in vain and pressed him to keep on with his work, as she recalled in the 2009 documentary *Stephanie's Heart*.

The next day, 41-year-old Bailey spoke at a news conference. Time magazine reported him as fighting back tears and saying, "Infants with heart disease yet to be born will someday soon have the opportunity to live, thanks to the courage of this infant and her parents."

The research from Baby Fae's case paved the way for Bailey and his team to make the world's first human-to-human heart transplant in a child a year later.

Bailey is survived by his sons Connor and Brooks, daughter-in-law Krystal, and grandchildren Olivia and Everly. His wife Nancy, MS, a graduate of the Loma Linda University School of Nursing, preceded him in death on April 7. ■





The arc of an institution's legend is rarely modified by one event. But a singular exception occurred in 1984 when Len Bailey transplanted a baboon heart into a doomed infant girl that we came to know as Baby Fae. Though her own life was brief, the impact on Loma Linda University Health still ripples around the world. Dr. Bailey and his colleagues became the world's experts on infant heart transplantation, and Loma Linda University Health came to be viewed as a creative force in medicine. That reputation could not have been gained in any other way, and has been of inestimable value to us. It has brought bright students, quality faculty, research dollars and many patients in a way that has truly changed our place in history.

Dr. Bailey served Loma Linda University Health with great distinction in many ways. He was a warm, caring friend to the many lives he touched — from his patients and families to students, residents and colleagues.

He will always be remembered for his dignity and courage as he faced intense media scrutiny regarding the Baby Fae surgery. His humble demeanor and quest for excellence exemplified the best of our mission and core values. His loss leaves an enormous void in our lives and in this institution.

As Leonard Bailey now rests, his value to Loma Linda University Health will continue to burn bright. ■

— Richard H. Hart, MD, DrPH,
president of Loma Linda University Health



The world recognizes him as “the Father of Infant Heart Transplantation,” and many surgical societies honored him with prestigious awards, but for Leonard Bailey, he was most proud of his association with Loma Linda University and its medical community. His distinguished service as a physician and surgeon at Loma Linda University brought him great joy and was always driven by his deep passion to make life better for children and to bring hope to families and patients with incurable heart disease.

Leonard Bailey came from humble beginnings, but he dreamt big. This trail-blazing surgical giant was the amalgamation of a creative, scientific mind, a curious, inquisitive spirit, and a kind, compassionate heart with dogged determination and relentless optimism.

As an inspiring teacher with admirable integrity, a gentle personality and commitment to excellence, Dr. Bailey mentored and influenced the careers of hundreds of students and fellows — many of whom are leaders in cardiac surgery in the USA and abroad. His surgical philosophy is summed up in the advice he often shared with (gave to) residents: “Doing surgery should be fun; keep it simple.”

His long, valiant battle with cancer took away his breath, but for Leonard Bailey, his life's story is one of heart. His timeless contributions and pioneering innovations will remain the pulse that will keep his heart circulating hope and healing for generations to come.

We salute you, our beloved partner, for showing us the path, and thank you for lighting the torch and for constantly cheering on the team. You always made it look like “a piece of cake.” ■

— Anees Razzouk, MD,
chair of the Department of Cardiothoracic Surgery



“My Eddie was known as Baby Moses and was the first newborn to receive a heart transplant at Loma Linda University Medical Center. It happened on November 20, 1985. He was four days old. My first child died at birth with this same congenital heart problem, and I was devastated when Eddie was born with the same diagnosis: hypoplastic left heart syndrome. I will always be so grateful for what Dr. Bailey did because he offered me hope. Eddie is the now the world's longest survivor of newborn heart transplantation.” ■

— Maria Aguirre, mother of Eddie Anguiano

Memorial gifts may be made to support the newly established Leonard L. Bailey Endowed Chair in Cardiothoracic Surgery, which will further research and education. Make a gift by visiting <https://advancement.lluhealth.org/DoctorBailey> or calling 909-558-5010.

NEW MEDICAL RESIDENTS GET AN UP-CLOSE LOOK AT SAN BERNARDINO COUNTY

Loma Linda University Health's nearly 200 new medical residents got an up-close look at surrounding communities with the second annual "See the City You Serve" tour on the first day of residency orientation.

Residents representing 22 specialties spent the morning in one of four charter buses on a tour led by healthcare and community leaders to explore San Bernardino County and the branch locations where they will serve over the next few years. Daniel Giang, MD, associate dean for Graduate Medical Education, provided narration as the bus passed by the former Norton Air Force Base, the Arrowhead Grove housing complex, the Waterman Discount Mall and finally the SAC Health System – San Bernardino clinic located at Loma Linda University Health – San Bernardino Campus.

"Rather than seeing folks in the community as people who are in need or have health concerns, our residents also need to see the community as this vibrant, resilient community that has so many positives to offer them as well," Giang said.

Many of the residents completed medical school outside of California and were surprised to learn about the unique health issues the community faces. Surgery resident Emily Yin, a graduate of the Medical College of Wisconsin, said seeing the stark difference between San Bernardino and Loma Linda showed that even though the two are geographically close, they both have unique health concerns. ■



PHOTO BY JANELLE RINGER

RUNNERS SUPPORT BEHAVIORAL MEDICINE CENTER'S EFFORTS TO RAISE MENTAL HEALTH AWARENESS

Loma Linda University Behavioral Medicine Center in May hosted its third annual "Stand Up to Stigma" 5K, aimed to increase awareness of the behavioral health treatment available for the local community.

The race brought together people of all ages to show their support for those dealing with mental health issues. The event drew more than 714 registrants, making it the largest year for the event. Hundreds of community members, students, staff and mental health supporters lined up at the starting line — sending a message of hope and healing to the communities of the Inland Empire.

"Around the country, organizations like ours strive to raise awareness and educate the public about mental illness and, in doing so, reduce and eliminate stigmas and other misconceptions about mental health," said Edward Field, MBA, vice president and administrator of the Behavioral Medicine Center.

For the past 28 years, the Behavioral Medicine Center has supported and healed those suffering from mental health and substance use issues by compassionately treating the whole person and not only their illness. ■



PHOTO BY SHEANN BRANDON

LOMA LINDA UNIVERSITY CELEBRATES FIRST COMMENCEMENTS OF TWO INTERNATIONAL SCHOOLS OF MEDICINE



Representatives from Loma Linda University helped celebrate the first commencement ceremonies of two Seventh-day Adventist medical schools they helped to establish in Peru and the Philippines more than four years ago.

In January 2019, the Peruvian Union University (UPeU) School of Medicine graduated 26 in a ceremony held on campus in Naña, Lima province, Peru. With students from neighboring countries, including Bolivia, Colombia, Ecuador and Brazil, the Adventist medical school in Peru is the denomination's fifth. The school's curriculum is a seven-year, post-secondary program.

Daniel Giang, MD, associate dean for Graduate Medical Education, said Loma Linda University Health has contributed to the conception, creation and implementation of the UPeU's School of Medicine. "Like Loma Linda University, UPeU emphasizes preventive care, which differentiates it from other medical schools in the northwestern region of South America," Giang said.

In June, Adventist University of the Philippines (AUP) College of Medicine held a "Prima Lux" or "First Light" ceremony in Silang, Cavite province, Philippines, graduating 16.

Nine men and seven women medical students enrolled as the inaugural class in August 2015. AUP is the first Adventist medical school in Asia and the denomination's sixth medical school worldwide. Richard H. Hart, MD, DrPH, president of Loma Linda University Health, delivered the keynote address at the June commencement ceremony.

"For the last decade, Loma Linda University Health representatives collaborated with AUP's School of Medicine on student admissions, curriculum planning and faculty development," Hart said during the ceremony. "We are proud of it and what has been accomplished here." ■

ALLIED HEALTH PROFESSIONS FACULTY MEMBER NAMED OCCUPATIONAL THERAPY ASSOCIATION FELLOW

Heather Javaherian, OTR/L, of the School of Allied Health Professions, has been selected as one of 17 occupational therapists in the United States for induction to the Roster of Fellows by the American Occupational Therapy Association. The Roster of Fellows recognizes those who have made significant contributions to the field.

Javaherian's global contributions as an advocate and change agent for the most vulnerable of populations supported her fellowship candidacy. Her activities include specialized services for children and women exposed to domestic violence, while simultaneously partnering with a community of practitioners and citizens to advocate for necessary and meaningful resources towards healing and resumption of occupation.

Javaherian has spent years showing the importance of occupational therapy for women and children who have experienced domestic violence, in addition to demonstrating excellence in higher education as a professor and program director. "She strives to connect her research to service-learning and fieldwork to support student learning," wrote her nominator. ■





PHOTO BY SHEANN BRANDON

GIRL SCOUTS TROOP TREATS HOSPITAL CONSTRUCTION WORKERS TO COOKIES

Construction workers on the building site of the new Loma Linda University Medical Center and Children’s Hospital towers received 800 boxes of Girl Scout cookies from members of the Girl Scouts from Grand Terrace Troop 76 in April. The troop of 14 girls gave each construction worker a box of cookies as their way to say thanks for building the new hospitals.

Troop members stationed themselves near the exit of the construction site at the end of the workday. With multiple cookie boxes in their arms, scouts offered a box to each worker that passed, even running to catch those who hadn’t noticed them. The cookie delivery was met with smiles and surprise. Although many workers tried to give monetary donations to the scouts, they always answered with “no, the cookies are free — we just want to say thanks.”

Loma Linda University Health Campus Transformation Project Director Eric Hoffman, on behalf of McCarthy Building Companies, said they were touched by the troop’s generosity.

“We are extremely grateful to Girl Scouts Troop 76 for their generous donation of 800 boxes of cookies,” Hoffman said. “McCarthy, our subcontractors and all of our craft workers are honored by their recognition. It’s easy at times to think of what we are building just in terms of concrete, steel and drywall. This was a very heartfelt reminder that this is not just another project.” ■



PHOTO BY SHEANN BRANDON

NEARLY 600 PEOPLE ATTENDED CHILDREN’S HOSPITAL’S 34TH ANNUAL CHILDREN’S DAY

Loma Linda University Children’s Hospital hosted hundreds of children, teachers and parents at the 34th annual Children’s Day, presented by Farmer Boys, in March. Guests weren’t deterred by the heavy rain as all activities and booths were set-up under a large, tent-covered area on the Drayson Center’s Superfield.

The free event, designed for children ages three to eight, drew families, schools and day care centers from across the Inland Empire. Children’s Day has offered young children the opportunity to experience various healthcare procedures and hospital settings in a fun, interactive and non-threatening way since 1985. ■



PHOTO BY SHEANN BRANDON

FOUNDATION GIFTS \$260,000 TO INDIO CLINIC

Loma Linda University Children's Health – Indio received \$260,000 from The Coeta and Donald Barker Foundation in June. The funds will be used to ensure the children of the Coachella Valley have access to quality pediatric and specialty care in their community.

President and CEO of the foundation, Nancy Harris, said The Coeta and Donald Barker Foundation is proud to support Loma Linda University Children's Health – Indio.

"This is a service that is extremely important to the families in the Coachella Valley," Harris said. "It was a match made in Heaven after I was given a tour of the facility while it was still in construction and learned all the medical services that would be available to the children in the Coachella Valley. We applaud Loma Linda for their success in this endeavor." ■

SCIENCE FAIR SPARKS INTEREST IN HEALTH SCIENCE CAREERS AMONG MIDDLE SCHOOL STUDENTS



PHOTO BY DONAJAYNE POTTS

Students and faculty from Loma Linda University volunteered their time to introduce local middle school students to careers in health science during a science fair held on campus in February. More than 95 students from Curtis Middle School and Dr. Martin Luther King Jr. Middle School in San Bernardino learned about health science careers in a fun and interactive format.

Booths tailored to the age group, with hands-on learning activities, were staffed by some 50 volunteer students from the Loma Linda University School of Allied Health Professions, School of Dentistry, School of Medicine, School of Nursing and School of Public Health. Booth topics included biology, geology, orthotics, dental hygiene, nursing and medicine.

Attendees also toured the Medical Simulation Center (MSC), a state-of-the-art virtual hospital designed to simulate the patient flow process; the Alfred Q. Shryock Embryology Museum, which houses a collection of human fetuses throughout different stages of the development process; and the Neuropathology Lab, which contains countless specimens modeling stroke and other neurological abnormalities.

One middle school student said the fair was her first opportunity to explore health science careers. "I had so much fun learning about professions that use science," she said. "Someday, I want to become a doctor and go to school at Loma Linda University."

The Science Fair is a pilot community collaborative organized by the Loma Linda University Student Association and Community-Academic Partners in Services (CAPS), part of the Institute for Community Partnerships. ■



ISTOCKPHOTO

DISTANT PARENTING LINKED TO PREMATURE AGING, INCREASED DISEASE RISKS IN OFFSPRING

New research from Loma Linda University Health suggests that unsupportive parenting styles may have several negative health implications for children, even into their adult years.

The study found that telomeres — protective caps on the ends of the strands of DNA — of subjects who considered their mothers' parenting style as "cold" were on average 25% smaller compared to those who reported having a mother whose parenting style they considered "warm." Research has found that early-life stress is associated with shorter telomeres, a measurable biomarker of accelerated cellular aging and increased disease risk later in life.

"Telomeres have been called a genetic clock, but we now know that as early life stress increases, telomeres shorten and the risk of a host of diseases increases, as well as premature death," said Raymond Knutsen, MD, MPH, lead author of the study and associate professor at Loma Linda University School of Public Health. "We know that each time a cell divides, the telomeres shorten, which shortens its lifespan."

Interestingly, mutations in genes maintaining telomeres cause a group of rare diseases resembling premature aging. "However, we know that some cells in the body produce an enzyme called telomerase, which can rebuild these telomeres," Knutsen said. ■



ISTOCKPHOTO

PROTON TREATMENT OFFERS BREAST CANCER PATIENTS ALTERNATIVE TO RADIATION

Patients with early stages of breast cancer who undergo partial breast proton irradiation treatment after a lumpectomy have better quality of life post-treatment versus whole breast irradiation, a new study suggests.

Patients with early stage breast cancer — stage zero to two — are typically treated with whole breast irradiation after removal of the cancerous tumor because there is a 30% to 40% chance the disease will return. The new study, recently published in the *Cancer Medicine Journal*, demonstrated patients undergoing partial breast proton irradiation reported less fatigue, fewer restrictions in daily activities, less breast pain, better cosmetic results and future perspective.

David A. Bush, MD, a radiation oncologist at Loma Linda University Health, said the study's results allow physicians to now present another treatment option that places whole-person care at the forefront.

"Breast cancer patients can take comfort knowing they can receive an effective treatment that will minimize or eliminate long-term damage to vital organs and provide a better physical and emotional quality of life," Bush said. "There is life after breast cancer, and patients should have access to the best possible quality of it." ■



ISTOCKPHOTO

VEGANS FOUND TO HAVE HIGHEST AMOUNT OF DISEASE-FIGHTING BIOMARKERS

Vegan diets have been found to produce the healthiest levels of diet-related biomarkers compared to other diet patterns, according to a Loma Linda University study. The study was reported in February by *The Journal of Nutrition*.

Like clues at a crime scene, biomarkers in blood, urine, fat tissue and other biospecimens can serve as indicators or predictors of health and disease. Researchers at the School of Public Health found that a vegan diet slightly outperformed other vegetarian diets, all of which fared better than semi-vegetarian or non-vegetarian diets.

The research — “Plasma, Urine, and Adipose Tissue Biomarkers of Dietary Intake Differ Between Vegetarian and Non-vegetarian Diet Groups in the Adventist Health Study-2,” — took its data from the long-running study based at the school. ■

RESEARCH SHOWS HISPANIC ADVENTISTS BENEFIT FROM PLANT-BASED DIETS

Plant-based diets are associated with lower body mass index (BMI) among Hispanic members of the Seventh-day Adventist Church, according to a new study.

The results of the study, published in journal *Frontiers in Nutrition*, found Hispanics who eat a plant-based diet generally weigh less and have lower BMI. Excess weight was associated with high rates of inflammation in the study.

“The study demonstrates that plant-based diet choices can help maintain healthy weight in the Hispanic population,” said Pramil N. Singh, DrPH, director of the Center for Health Research at Loma Linda University School of Public Health and lead author of the article. ■

TAMARA THOMAS TAKES ON TRAINING OF FUTURE PHYSICIANS IN CHANGING HEALTHCARE CLIMATE

THE SCHOOL OF MEDICINE'S NEW DEAN IS TAKING LESSONS FROM
THE PAST TO MAKE THE BEST CHOICES FOR THE SCHOOL'S FUTURE

BY JANELLE RINGER



While the high-energy atmosphere that led her to pursue emergency medicine continues to be rewarding, Tamara Thomas, MD, also finds joy in seeing that same fresh enthusiasm in new students and residents. Thomas, who stepped into the role of executive vice president for Medical Affairs and dean of the School of Medicine on July 1, is trading out time in the Emergency Department for the corner office in Coleman Pavilion.

The former vice dean takes the role at a time when medical schools face dramatic change, requiring new approaches for educating future physicians. According to the National Resident Matching Program, only 55% of worldwide applicants received residency placements in the United States. With a greater number of graduating medical students than residency positions, training well-rounded physician leaders is more critical than ever — a challenge facing medical schools across the country.

“It’s incumbent on us as educators to adapt — to create an environment where students learn their best,” Thomas says. In the past 10 years, healthcare advancements in both technology and patient care have changed the resources available to schools and hospitals, but Thomas says the mission has remained the same.

“I’m excited to help make an impact in the lives of our medical students as Loma Linda University Health transforms the way healthcare is delivered in our community and the world,” Thomas says. “The largest honor, but also the biggest challenge, is to do justice to the excellent reputation this school has built over the past 110 years.”

As dean, Thomas will focus on building compassionate physicians, community outreach and revamping a curriculum, which is expected to roll out next year. The new innovative model of medical education is set to take a more system-based approach to curriculum. Students will be taught by organ system — brain, heart, reproductive system — instead of the more traditional subject based approaches that cover one class — anatomy, cellular physiology, pharmacology — at a time.

Thomas has served as the Department of Emergency Medicine’s interim chair since 2016. In addition to her new role as the school’s 15th dean, Thomas will continue to serve as an attending physician in the emergency department, which treats the most severe medical cases throughout one-fourth of California’s landmass.

As healthcare enters an era of transition and growth, Thomas says it’s now more important than ever to train providers who are deeply compassionate and focused on treating the whole person. It’s a heavy responsibility, she says, but one that has been fundamental to the school since its formation.

As dean, Thomas is deliberate about teaching students to see the individual — not just as data on a chart. “We’re seeing patients on what may be the worst day of their lives,” she says. “To physicians, it may be another day of work, but the patient’s life may never be the same.”

The school’s collective goal is to create a supportive and excellent environment for the education of future physicians. “I’m so thankful to be working for a school that inspires and empowers the next generation of leaders,” she says.

A native of Spokane, Washington, both Thomas’ parents worked as teachers. In the summers, she and her family would explore the mountains in the Pacific Northwest. “We spent our time trail riding, camping and skiing,” Thomas recalls. “There was never a shortage of things to do outside.” Thomas still spends as much time as she can being outdoors and traveling to the hard-to-reach natural wonders of the world.

After attending high school at Upper Columbia Academy in the small town of Spangle, Thomas earned her bachelor’s degree in biology from nearby Walla Walla University. “I didn’t know going in that I wanted to be a physician,” Thomas says. “But the combination of service and the sciences compelled me to make a decision for medicine early in college.”

Acceptance to Loma Linda University’s School of Medicine brought her to California in 1983. “I love the variety of conditions treated in emergency medicine — it is something new every day,” she says.

Thomas graduated in 1987 and then completed a three-year emergency medicine residency at Loma Linda University Medical Center. She discovered she was energized by the challenge of the diagnostic puzzles treated at the Level I trauma center. “A medical center like ours exposes students to unique cases that not every medical center has the capacity or resources to treat.”

After residency, Thomas left the organization for three years to serve at Riverside General Hospital, but later returned to Loma Linda University Medical Center in 1993. “I loved the unique opportunities that an academic institution provided,” she recalls.

After returning to Loma Linda University Medical Center as an attending physician, Thomas soon became director of the international emergency medicine fellowship. The role required her to travel to multiple developing countries, building emergency systems, developing programs for training and research, and providing patient care in countries including Cuba, Afghanistan and Iran.

“Traveling allowed me to experience unique cultural experiences and opened the doors to locations to which I would never have otherwise had access.” These experiences led her to create training programs for disaster response and training and develop emergency medicine programs globally.

After years of working on faculty development abroad, Thomas was given the opportunity to create faculty development opportunities at home, and assumed the role of Associate Dean for Faculty Development for the School of Medicine in 2006 and added the role of Vice Dean for Academics in 2011. “Working in an environment where people are learning things for the first time is exciting,” Thomas says. “While I might have seen a condition 100 times, realizing that a student is seeing it for the first time reminds me that medicine is an extraordinary profession.” ■

A man in a dark blue suit, white shirt, and striped tie is smiling broadly while adjusting a white hard hat on his head. He is standing in front of a large, modern building with a blue glass facade. The sky is clear and blue. The number '5' is overlaid in a large, light gray font on the left side of the image.

5 QUESTIONS WITH ERIC SCHILT

VICE PRESIDENT OF PLANNING, DESIGN AND CONSTRUCTION HAS THE LARGEST JOB AT 16 STORIES

BY JANELLE RINGER

When he started at Loma Linda University Health 14 years ago, Eric Schilt, MBA, vice president of Planning, Design and Construction at Loma Linda University Health, couldn't have imagined he would end up leading the charge to build the tallest building in San Bernardino County. The new 16-story Medical Center and nine-story Children's Hospital will support 4,700 Loma Linda University students and 700 residents as they progress in their education.

Upgraded California earthquake-resistant building codes for hospitals required Loma Linda University Health officials to examine its existing Medical Center, the iconic cloverleaf towers. "Instead of retrofitting the current facility, the Board of Trustees decided to build a new state-of-the-art adult hospital," Schilt says. Combined, the two towers share approximately 25,000 tons of steel.

The La Sierra University alumnus came to Loma Linda University Health a few years out of college. "I thought I would be a lawyer. I could never have imagined being involved in a project like the construction of the new hospital towers," he says. Schilt held the title of director of construction from 2011 to 2015 before transitioning to his current role in leading the Campus Transformation Project a year prior to the new towers' groundbreaking.

1 Is there a certain earthquake magnitude that the new structures will be able to withstand?

There are a lot of variables that make it difficult to answer that question. It can depend on the location of the quake's epicenter, the proximity to the fault line or even the soil on which the buildings sit. It's not being designed to make it to a certain magnitude, but it is expected to withstand major seismic events projected in the region. Predictions for those possible events are based on geotechnical reports of the soil, proximity to faults and looking at previous seismic events in the region. The building is expected to be fully functional after large earthquakes.

2 What will be housed in the current Medical Center, the iconic cloverleaf towers?

We've spent a great deal of time analyzing how to use the space best as it is. We want to optimize the use of the cloverleaf design for outpatient services. Some functions will stay where they are and some services may see a split, where they use the new building for inpatients and the cloverleaf towers for outpatients. There are very few office spaces in the new building, and those will be reserved for those who need to be close to patient care. While there is a small administrative area in the new hospital, our administration will primarily remain in the existing building.

3 What's your favorite thing about the new campus?

My absolute favorite thing is that almost every square foot of the building is dedicated to patient care. We have been deliberate about using our resources to ensure the maximum amount of space is just for patient care.

4 You're a talented musician. When did you develop those skills?

Guitar has been a passion of mine since college. It wasn't until I stopped reading music and tried to figure songs out by listening and then repeating that I truly experienced music. When I was young, I was blessed to learn the piano and violin, but since then, I've completely forgotten them. I also started playing bass in high school and was in a band with some friends.

5 How has your creative side played a role in your job?

I tend to be drawn to music that may seem complex, but can be simplified and enjoyed by everyone. This is also something I've found I can do when it comes to the more complicated elements of the construction projects. I enjoy taking what feels like a complex set of data and simplifying it so the best decision can be made, letting each group of people focus on the portion they need. So many things have come together just as they needed to for this project, and watching the complexities of what has come together has been inspiring. ■

LOMA LINDA UNIVERSITY HEALTH

and the Seventh-day
Adventist Church have
long been on the frontier
of healing.

Connected through service, we remain united in our
worldwide mission of health and ministry.

BY PETER LANDLESS





The late Earl Gardner, MD, graduated from what is now known as Loma Linda University Medical School in 1919, headed east, and eventually ended up in the Southeast Asian nation of Malaysia. The legacy of his work today stands as the modern Penang Adventist Hospital in the medical tourism and tech-manufacturing city of George Town. But when he arrived nearly a century ago and started a clinic in 1924, he worked out of a simple building with a sign over the door that read: “Seventh-day Adventist Clinic. Poor treated free.”

Similar stories make up the foundation of many of the Seventh-day Adventist Church’s international missionary efforts that led to growth of the church’s structure and membership — graduates from Loma Linda University carrying the teaching and healing ministry of Jesus Christ to areas where Christianity was little known.

From 1900 to 1950, the Seventh-day Adventist Church started approximately two hospitals a year in various parts of the world. Today, it is the world’s largest protestant healthcare provider.

I have traveled to many countries and seen much of the extensive footprint of health work conducted by the Seventh-day Adventist Church, which has a presence in more than 210 countries. Throughout the world in bustling cities, rural towns and isolated mission stations, we find dental clinics, hospitals, medical schools, nursing schools, dispensaries and public health initiatives. As we take a closer look at many of these, we discover the presence of Loma Linda University graduates, past or present, and the influence of the university’s eight schools.

I am grateful for the impact of Loma Linda University worldwide — for its legacy, how it contributes now, and for what it will do in the future.

Loma Linda, Spanish for “beautiful hill,” was founded by the Seventh-day Adventist Church in 1905 after leaders purchased an old hotel and turned it into a sanitarium. Early church leaders took a great risk, founded on faith, to make the purchase with private funds.

In her dedicatory address of the Loma Linda Sanitarium in 1906, Seventh-day Adventist Church

co-founder Ellen White said the institution was to make a major contribution to the work of the Seventh-day Adventist Church by becoming a training center for students who would participate in the denomination’s worldwide outreach. Now, more than a century later, the organization’s legacy and current work around the world would validate her challenge every day in remarkable ways.

The School of Medicine is one of eight professional schools at Loma Linda University and has the largest global footprint of any medical school in the United States. It has also served as a key consultant to the development of the denomination’s six other medical schools, as well as those now in development.

The Seventh-day Adventist Church operates more than 70 nursing schools globally, and Loma Linda University School of Nursing — the university’s first school — has left a wonderful legacy in many countries through nursing education and improved nursing practices.

Today, graduates from many of Loma Linda University’s schools serve as missionaries and consultants through Adventist Health International and support projects through Adventist Health Ministries and the Adventist Development and Relief Agency.

For example, during the height of the West African Ebola crisis in 2014, Gillian Seton, MD, stayed in Liberia, despite threats to her own safety, where she was working because she cared so much about the people she was serving. She was joined by James Appel, MD — who himself had served throughout Chad, Niger and Sudan — to help care for patients throughout the crisis. They were also joined by Greg Shank, MD, and Greg Saunders, MD. The collaboration among them and other denominational entities was inspiring.

Maternal mortality is an ongoing problem, especially in developing countries. Approximately 830 mothers die every day either during childbirth or within 42 days of giving birth. Since 2013, Loma Linda School of Nursing, Adventist Health Ministries and the World Health Organization have worked together on a project to upscale midwifery in four countries in Africa — Cameroon,

Malawi, Botswana and Lesotho. The goal is to create centers of excellence for the training in midwifery with a target to improve services in rural and underserved areas. The project is funded by a foundation, and we look forward to outcomes that will demonstrate the positive difference that can be made when we work together.

These are just a few examples — on a list too long to enumerate — of how Loma Linda University currently contributes to the church's health outreach projects.

I am thankful for the vision and leadership of Loma Linda University's entire administration, faculty and staff. The organization has made such a positive impact on so many people around the world.

In all we do as a global Christian denomination, together, by God's grace, we will continue to share the teaching and healing ministry of Jesus Christ, just as we have for more than a century.



—Peter Landless, MB, BCh, MMed, FACC, a cardiologist, is the director of Health Ministries for the General Conference of Seventh-day Adventists and a member of the Loma Linda University Health Board of Trustees.



Top Picture: Earl Gardner, MD
Middle Picture: Penang-Hospital in the 1960s
Bottom Picture: Seventh-day Adventist Clinic in Malaysia

INFLUENCING CARE THROUGHOUT CHINA

SINCE ITS OPENING IN 1994, SIR RUN RUN SHAW HOSPITAL IN CHINA'S ZHEJIANG PROVINCE HAS COLLABORATED WITH LOMA LINDA UNIVERSITY HEALTH TO IMPROVE AND EXPAND HEALTHCARE THROUGHOUT THE COUNTRY.

BY LARRY BECKER

A delegation from Loma Linda University Health joined leaders and employees of Sir Run Run Shaw Hospital (SRRSH) in Hangzhou, China, to commemorate the 25th anniversary of the Hospital (SRRSH) opening. The May 9 event served as an opportunity to recall the modest beginnings of Sir Run Run Shaw Hospital, to remember and celebrate the many achievements since, and to dream about areas to strengthen or develop in the future.

One highlight of the anniversary celebration came when Kerry Heinrich, chief executive officer of Loma Linda University Medical Center, presented a photograph to Cai Xiujun, MD, president, SRRSH depicting the hands of a caregiver and patient. The photograph is titled "Healing Hands," and the inscription reads:

Recognizing Sir Run Run Shaw Hospital's spirit of innovation for academic and medical excellence, linked with an enduring culture of caring for patients with sincerity, confidence and love.

"Reaching any silver anniversary is a time to celebrate. This anniversary celebrates a unique partnership that has been able to transcend political and cultural boundaries," said Richard H. Hart, MD, DrPH, president of Loma Linda University Health. "More than 1,500 faculty, staff, students, alumni and friends have invested



their time and energy in this endeavor. This type of relationship is what makes Loma Linda so special and unique. Money can't buy this. Politics can't mandate it. It comes from the heart and can only be nurtured in a culture of love and respect."

In the 1980's, Zheng Shu, MD, president of Zhejiang Medical University, dreamed of establishing a Western-medicine-style hospital in China. She approached a multi-billionaire philanthropist, the recently knighted Sir Run Run Shaw from Hong Kong, whose home province was Zhejiang.

Intrigued by Zheng Shu's vision, Shaw embraced the concept, envisioning a hospital that could become a model teaching location for the entire country. But Shaw put a condition on his participation — that contact be made with the American organization who sponsored Dr. Harry Miller in China and established Shanghai Sanitarium and Hospital and Hong Kong Adventist Hospital.

The initial contact with the Adventist world headquarters was subsequently referred to Loma Linda University Health. After many meetings, negotiations, and much consideration, officials at Loma Linda University Health agreed to collaborate on a project to establish a modern Western-style hospital in China.

From the beginning of what became known as "The China Project," Loma Linda University Health has worked with healthcare leaders in China to introduce patient-centered, whole person care. SRRSH staff were genuinely interested in whole person care and quickly moved to adopt the same care concepts in their hospital.

Originally Loma Linda University Health agreed to offer its expertise during the construction of a new hospital in Hangzhou and manage the healthcare operations in partnership with Zhejiang University for five years after the hospital first opened. Now 25 years later, Loma Linda University Health continues its partnership with Sir Run Run Shaw Hospital which has become one of genuine friendship, and regular involvement of top administration on both sides.

While many of Loma Linda University Health's international collaborations consist of providing support for institutions in the



world's developing regions, the relationship with Sir Run Run Shaw Hospital is a strongly reciprocal relationship of friendship and trust.

"Sir Run Run Shaw Hospital is a training site for our students and residents," said Mo O'Reilly, director of global operations for the Loma Linda University Health Global Health Institute. "We continue to collaborate with Sir Run Run Shaw Hospital with training and consultation in key areas."

China has benefitted from significant advances in healthcare spearheaded at Sir Run Run Shaw Hospital and supported by training and involvement by Loma Linda University Health. The hospital has achieved a number of firsts for Chinese healthcare, including:

- First public hospital in China to be Joint Commission International (JCI) accredited in 2006. It has been reaccredited three times since;
- First hospital in China to receive Magnet designation (in 2019);
- First to develop new professions in the healthcare team, including respiratory therapy, advanced practice nursing specialties, and dental hygiene.

Today Sir Run Run Shaw Hospital has 2,500 beds on two campuses and employs about 4,500 physicians and nurses.

In the 25 years since the hospital opened, Sir Run Run Shaw leaders have taken what they've learned from the partnership to cultivate a hospital management model that incorporates the best of Eastern and Western approaches. Known as the Shaw Management Model, thousands of people from throughout China have visited the hospital to learn about this management style.

The collaborative relationship is strengthened by regular staff interactions at both institutions. Since the beginning of the partnership, more than 1,500 Loma Linda University Health staff have visited China, while more than 600 staff members from China have come for training in California. Richard Hart and Kerry Heinrich co-chair the Sir Run Run Shaw Hospital Advisory Board, which meets twice each year in Hangzhou. Specific examples of current collaborations include:

- Providing consultation and speakers for national conferences in a variety of specialties;
- Developing an education series for SRRSH clinical faculty; Hosting a leadership delegation from SRRSH and its affiliated hospital network and providing management development programs;
- Sponsoring several specialty teams to SRRSH, including ENT, plastic surgery and health information management (HIM);
- Hosting Zhejiang University medical student delegations from SRRSH who spend two weeks at LLU.

An innovative new direction in the two organizations' future relationship is a new collaboration with Zhejiang University City College in Hangzhou, focused on establishing an International Institute for Health Science, scheduled to open in early 2020. In collaboration with LLU, the Center will launch by offering certificate programs in two emerging health disciplines in China — respiratory therapy and dental hygiene. ■

INTERNATIONAL SURGERY ROTATION IN MALAWI BOOSTS LEARNING AND LOCAL CARE

BY BRIANA PASTORINO



FUTURE SURGEONS GAIN EXPERIENCES THAT WILL FOREVER CHANGE THEM AS PRACTITIONERS

Loma Linda University Health's general surgery residents invest five years of their educational career training in an intense clinical, didactic and research program while rotating through five Inland Empire hospitals. Additionally, they spend two months training at Malamulo Adventist Hospital, a rural, 200-bed hospital located in Malawi, Africa. This international surgery residency rotation was developed by Ryan Hayton, MD, a Loma Linda University School of Medicine alumnus and Malamulo's chief of surgery.

Mark E. Reeves, MD, PhD, director of Loma Linda University Cancer Center, said the opportunity to rotate to an international, underserved hospital like Malamulo is unlike any other residency program.

The hospital sits near the town of Makwasa, Malawi. The country's average daily income is one of the lowest in the world, with 90% of the population living on less than \$2 per day. There are only 35 general surgeons among the population of 18 million.

The ratio of surgeons to population is the second lowest in the world, with just over 514,000 people per surgeon. Malawi has the world's highest rates of esophageal cancer, cervical cancer and bladder cancer, thus having a great need for surgical services and care.

"This program gives future surgeons a completely different world view," Reeves said. "It exposes them to a challenged culture and places them in situations that force them to learn how to practice in a resource constrained environment."

The International Surgery residency rotation

Fourth year general surgery residents at Loma Linda University Health rotate at Malamulo Adventist Hospital one at a time for two months to train with Hayton.

Hayton worked with Reeves to implement the program in 2012. Hayton said the International Surgery Rotation at Malamulo is an important first-step in post-graduate education of surgeons. Surgical access at the hospital has also increased since the program began.

In 2014, Malamulo worked with the Pan-African Academy of Christian Surgeons (PAACS) to launch a second post-graduate surgery residency to train African doctors to be compassionate, competent and credentialed surgeons for Africa. Loma Linda University surgery residents work closely together with the PAACS residents at Malamulo and have interacted to help in each other's training.

Hayton said the collaboration benefits both Loma Linda University and Malamulo Adventist Hospital.

"The Malamulo surgical department has had a rapid growth due to these post-graduate residency programs, increasing access to care and improving hospital services," Hayton said. "Not only has the number of cases increased but the overall Malamulo Hospital mortality rate has decreased steadily, directly benefitting the under-served people of Malawi."

Program's results

Reeves, Hayton, and a team from Loma Linda University Health, recently presented research on the program's impact and successes at a meeting of the American College of Surgeons.

"The development of core international rotations such as this will stimulate surgical residents to become global surgeons in order to meet the need for essential surgical care around the world," Reeves said.

Moreover, this type of training can also better prepare surgeons to serve in culturally diverse and underserved areas of the developed world.

"Surgeons who get this global experience can understand things from a culturally sensitive context," Reeves said. "They learn that fancy tools aren't needed to perform surgery and how to get along with other people — it's empathy on a broader spectrum."

After traveling to Malawi multiple times as the program director, Reeves realized there was a need for quality care in the country and designed this residency rotation — which would prove to be transformative for residents. The research confirms it. Seventy-four percent of Loma Linda University Health's general surgery residents have rotated through Malamulo Hospital from 2012 to 2017, and 94 percent of them agreed this rotation was a valuable part of their general surgery residency.

Reeves said the international component is by far the most popular rotation in the residency training program. "It's a huge draw to the organization because they can't get this type of surgery training anywhere else," he said. ■



PHOTO BY ANSEL OLIVER

ADVENTIST HEALTH INTERNATIONAL ENHANCES CHURCH'S HEALTH CARE SERVICES AROUND THE WORLD

LOMA LINDA UNIVERSITY HEALTH OFFERS EXPERTISE TO HOSPITALS SERVING IN CHALLENGING REGIONS

BY LARRY BECKER

What began as a plea from abroad and a dream at Loma Linda University more than 20 years ago is now enhancing healthcare in more than 40 hospitals in some of the most challenging regions of the world.

Adventist Health International (AHI) is a management consulting organization committed to partnering with healthcare services in developing countries. Based at Loma Linda University, it utilizes healthcare expertise and the commitment of the Seventh-day Adventist Church to mobilize consultants, staff, and other resources to promote quality healthcare.

Individuals and teams travel the world fixing laboratory equipment, imaging

units, accounting systems, electronic health records and construction issues.

The Seventh-day Adventist Church operates 175 hospitals and 450 clinics worldwide. More hospitals are asking for assistance from AHI, including requests to develop services in new countries.

"Our goal is to help all of these institutions grow and become stronger," Richard H. Hart, MD, DrPH, president of Loma Linda University Health, told attendees of last year's Global Health Conference.

"I'm often asked why Loma Linda University Health works to help support these international institutions. One answer is found through the many mothers,

children and families whose lives are saved and made better every day at these hospitals," Hart said. "These institutions also provide employment, train health professionals and give visibility to the Adventist Church in many places around the world.

"There is also a significant impact on the Loma Linda University Health community," Hart added. "If we didn't take advantage of these opportunities to live out our dreams of compassion and caring for others, we would be the less for it. These service opportunities shape the culture of Loma Linda University, making it a better place." ■

SCHOOL OF NURSING ASSISTS SISTER SCHOOL IN PUERTO RICO AFTER DISASTER

BY JANELLE RINGER

When Hurricane Maria tore through Puerto Rico in 2017 and damaged the drinking water supply at Antillean Adventist University, the Loma Linda University School of Nursing Alumni Association sprang into action.

Acting on a request from the dean of nursing at the Puerto Rico university, the alumni association donated 900 water cleaning devices, which provided the 500 students and 200 employees of Antillean Adventist University 10,000 liters of clean drinking water.

The university, founded by the Seventh-day Adventist Church in Mayagüez in 1957, sits on 284 acres of mountainous land overlooking the Atlantic Ocean.

“We asked the Lord to give us the strength to find ways to cope effectively with the obstacles between us and caring for our staff, faculty and students,” said Maria Rosa, PhD, DrPH, RN, who serves as the dean of Antillean Adventist University School of Nursing and Health Sciences. She soon flew to Southern California to meet with her School of Nursing dean counterpart at Loma Linda University.

Elizabeth Bossert, PhD, RN, dean of Loma Linda University School of Nursing, welcomed Rosa, eager to help in any way. “Their care and sincere concern gave me hope and the courage to make a request,” Rosa said.

Loma Linda University School of Nursing later made space for 20 nursing students from Puerto Rico, enabling them to complete their practicum experience at Loma Linda University Medical Center alongside their own students.

“Antillean Adventist University will always be thankful for the support received,” Rosa said. “We are aware of the sacrifices made and pray that the Lord will return their loving support with many blessings.” ■

PHOTO COURTESY OF THE SCHOOL OF NURSING



TRAVELS OF THE TRAUMA TEAM

SCHOOL OF BEHAVIORAL HEALTH SENDS COUNSELORS AFTER MAJOR DISASTERS

BY LARRY BECKER

Natural disasters are seemingly a fact of life for residents of Samoa. The South Pacific island nation is highly vulnerable to cyclones, tsunamis and earthquakes because of its location along the fault system known as “The Ring of Fire.”

Because Samoan residents are at continuing risk for future natural disasters, Loma Linda University’s International Behavioral Health Trauma Team spent two weeks in Samoa last year working with community leaders to teach community resiliency skills. A service of the School of Behavioral Health, the Trauma Team makes regular international trips to regions dealing with the aftermath of life-altering disasters.

The trip resulted from a collaboration between the School of Behavioral Health, the Adventist Development and Relief Agency (ADRA) and the Samoan government. Five faculty members and 12 students made the trip. The team first taught 40 local community leaders the wellness skills necessary to develop stronger individual resilience. All training is based on the Community Resilience Model, developed at the School.

“Our function is to train local leadership in techniques to make them more resilient,” says Adam Aréchiga, PsyD, DrPH, MA, associate dean for academic and student affairs. “Our goal is to reduce the impact of major trauma on a population, things like depression and increased anxiety levels. Typically

the countries we serve don’t have well developed mental health infrastructure.”

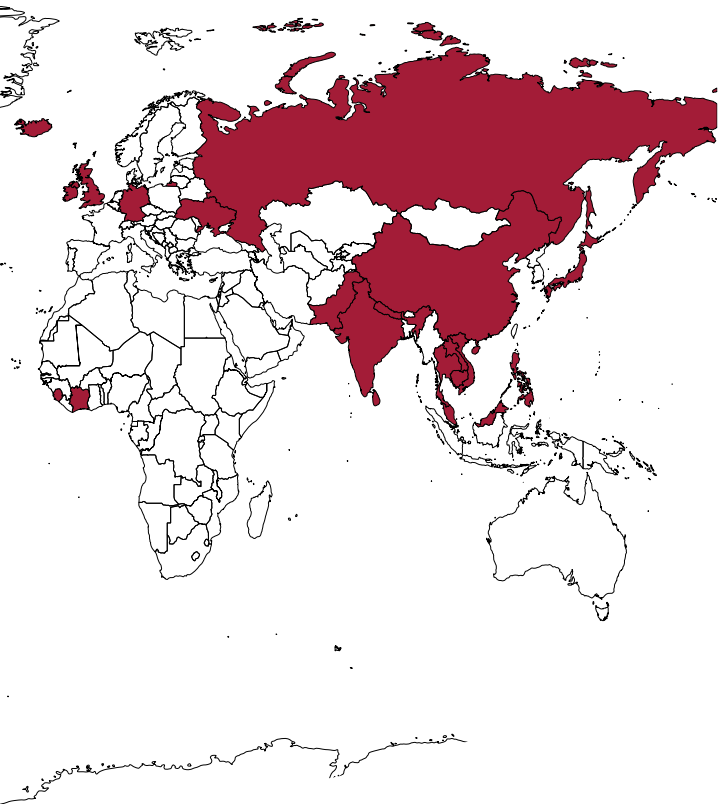
Upon completion of their training, that group of 40 community leaders visited two villages in Samoa to share their new resiliency skills with the people their organizations serve. Trauma Team members supervised the process.

The team teaches a resilience approach with techniques based on biology and self-regulation skills. “I haven’t found an approach that works quicker,” Aréchiga says. “Our goal is to reduce the stigma people feel from the effects of stress.”

The International Trauma Team has made nearly 90 trips to more than 30 countries since its formation in 1995. University administration at the time had discussed the need for a behavioral health response team to serve needs internationally, and the School of Medicine’s department of psychiatry initially partnered with the university’s behavioral health program to launch the program. Eventually, it proved to be difficult for physicians to regularly participate on the Trauma team due to practice demands.

Today, the team typically spends one week at a location to provide five days of training and one day observing their trainees train other community people. Teams usually include





Locations helped by International Trauma Team

Argentina	India	Sierra Leone
Belize	Ireland	Singapore*
Bolivia	Indonesia	Sioux Nation (Canada)
Cambodia*	Jamaica*	Sri Lanka
China	Japan	St Lucia*
Colombia	Lakota Nation	St Vincent
Cote D'Ivoire	Laos*	Sint Maarten
Cuba	Lesotho, South Africa	Thailand
Curacao	Malaysia	Trinidad/Tobago
Dominica	Mexico	Ukraine
Dominican Republic	Nepal	US/US Territories
El Salvador	Nicaragua	California
Grenada*	Northern Ireland	Georgia
Germany	Pakistan	Texas
Guyana*	Peru	Guam
Haiti	Philippines	Venezuela
Honduras	Russia	Vietnam*
Iceland	Samoa	

*Countries served through regional trainings

three to five trainers on a trip. Beverly Buckles, DSW, dean of the School of Behavioral Health, serves as team leader for most trips.

The team traveled to Paradise, California, for three days last March in response to the aftermath of the devastating forest fire that destroyed much of that community in November 2018. The 10-member team of faculty, graduates and current students worked with more than 60 families, couples and individuals to deal with issues of depression and increased anxiety levels.

"Working with the individuals affected by this fire was a powerful experience," said Ann White, a clinical psychology student and member of the Paradise team. "Here were small children, the elderly, community leaders — reaching out their hands for tools and healing, willing to do the work of their own personal recovery journeys."

Sometimes needs in an area are so pervasive the team makes multiple visits. The team has made four visits to Sierra Leone in West Africa to aid in the population's recovery from the trauma of a nationwide Ebola epidemic. More than 4,000 people died as the disease spread through the population. Even as the horror of the epidemic subsided, those who remained faced significant trauma as they looked to the future.

Arriving in Sierra Leone at the end of the Ebola epidemic, International Trauma Team members taught local community leaders resilience techniques designed to minimize the psychological and social issues related to the crisis. Forty people received the two days of training from Trauma Team members during that first visit.

The Trauma Team made follow-up visits to Sierra Leone twice in 2016. During the first trip, 22 of the original 40 trainees were selected to complete a four-day "Train the Trainer" program. These 22 people were then assigned to train 30 people each during a five-month period. When the Trauma Team returned for a second time in late 2016, they discovered 822 Sierra Leone residents had been trained in the basic Community Resilience Model skills. Tests showed those residents had reduced levels of depression, anxiety and post-traumatic stress disorder symptoms. A fourth visit in 2017 sought to help the trained Sierra Leone trainer group develop ongoing ways of funding their efforts.

Financial support for the team comes from Loma Linda University Health, donors and ADRA. Sessions in the United States are often conducted through the Red Cross. Team members themselves often pay their transportation costs.

"We are one of several prongs in Loma Linda's international outreach efforts," Aréchiga said. "It's really meaningful to be a part of this team. I am proud of the work we do." ■



SCHOOL OF PUBLIC HEALTH ASSISTING MONGOLIA WITH TOBACCO-CONTROL MEASURES

BY JAMES PONDER



PHOTO BY JAMES PONDER

Pramil Singh, DrPH, left, a professor at the School of Public Health, speaks with an Eagle News anchor in Ulaanbaatar, Mongolia, last year about his collaboration to help Mongolia public health officials with tobacco control efforts.

Loma Linda University School of Public Health is intensifying its collaboration with Mongolian public health officials to halt the sale of tobacco to children and help smokers who want to quit.

Plans include construction of a geographic information system (GIS) lab to help track vendors selling tobacco to minors as well as a clinical trial of an herbal supplement formulated to offer an affordable way to help smokers kick the habit.

School officials announced the building of a local GIS lab during a visit to Mongolian National University of Medical Sciences (MNUMS) last year. The lab, scheduled to open within a year, will enable researchers to better track non-compliance in the sales of tobacco. It will be funded by a \$1.4 million grant from the U.S. National Institutes of Health (NIH).

Loma Linda University representatives also announced that a \$185,000 grant from the Pfizer Foundation will fund a clinical trial of an affordable herbal supplement to help smokers quit smoking. While some tobacco-cessation products cost \$400 per person, many Mongolians can't even afford \$176 for the popular nicotine patch. At \$19 per person, the supplement will offer a cost-effective alternative if it performs as well as the patch.

Bolooma Purevdorj, MD, MPH, an addiction physician and lecturer at the MNUMS School of Public Health, says the Mongolian government will be watching closely.

"If this herbal supplement proves as effective as the nicotine patch, it will be adopted as part of Mongolia's national health plan," she says.

Officials from both schools joined in presenting at the World No Tobacco Day Conference, held at MNUMS in May of 2018. The one-day conference brought together dozens of representatives from the federal government, public health agencies,

police, health organizations and non-governmental aid organizations.

Since one-third of the world's estimated one billion smokers live in the Western Pacific region of Asia, Helen Hopp Marshak, PhD, dean of Loma Linda School of Public Health, says the region has become the epicenter of world tobacco-control efforts. The NIH grant awarded to Loma Linda University sponsors tobacco-control research in three Western Pacific nations: Cambodia, Laos and Mongolia.

While in Mongolia, Marshak joined Davaalkham Dambadarjaa, MD, PhD, dean of MNUMS, in signing a memorandum of understanding to formalize their two schools' intentions to share resources, training and expertise.

Dambadarjaa mentioned the GIS lab in expressing her thanks to Loma Linda University.

"This will be the first comprehensive GIS lab in all of Mongolia," she said. "There are urgent needs to enhance capacity and human resources here. The training of our tobacco-research faculty and the building of the GIS lab will be very crucial and helpful in this regard."

Daravuth Yel, MD, a World Health Organization representative who has collaborated with Loma Linda University since 2002, was similarly appreciative.

"Loma Linda University School of Public Health has provided training on tobacco-control leadership for the Cambodian government and its partners for many years," Yel said. "The assistance has been invaluable."

Findings presented by Loma Linda University at the World Congress of Tobacco or Health indicate that cigarette sales to children and selling tobacco in close proximity to schools are not uncommon, though prohibited by law.

"It's illegal to sell cigarettes to kids, but many vendors here do it all the time," says Pramil Singh, DrPH, director of the

Center for Health Research at Loma Linda University School of Public Health. Singh has worked to secure numerous grants for tobacco-control efforts over the years.

"Tobacco companies are losing ground in the west but are gaining ground in the east in Asia by selling them at really low rates," Singh says. "When we started our research, cigarettes were being sold for 20 cents a pack in Cambodia."

For their NIH grant, Singh and his colleagues developed mobile applications for surveys in Asia. Street researchers will ask smokers for permission to photograph the tax stamps on their cigarette packets and geo-code the location of where the cigarettes are purchased. They are also recording information about cigarettes that were sold without tax stamps, indicating they were purchased illegally.

The directory helped Singh and his team provide information to the Mongolian government about patterns of tobacco sales and use. Mongolia, Laos and Cambodia all ratified the World Health Organization's 2005 Framework Convention on Tobacco Control Treaty. In signing the treaty, the three countries agreed to tax cigarettes so heavily as to put them beyond the reach of teenagers and average consumers. They also agreed to ban cigarette advertising on billboards and television as well as cigarette advertisements aimed at women and children. However, even with this treaty in place, Singh and his colleagues conclude that cigarettes still find their way into the hands of young children.

Singh says this NIH-funded research is part of the team's larger catalog of work they are hoping to conduct in Eastern countries. In November, 17 Mongolian hospitals will open their doors to hundreds of local adults who will take part in the tobacco cessation program thanks to research by the School of Public Health. ■

—Additional reporting by Heather Jackson

CHANGING LIVES AROUND THE GLOBE

STUDENTS FOR INTERNATIONAL MISSION SERVICE EXEMPLIFIES LOMA LINDA UNIVERSITY HEALTH'S COMMITMENT TO GLOBAL SERVICE AMONG STUDENTS, FACULTY AND STAFF

BY DONAJAYNE POTTS

During a weekend student mission trip to paint an orphanage in Mexico's state of Baja California, Michael Moor couldn't have anticipated he would have the opportunity to dramatically change the life of one little girl.

Moor, instructor of orthotics and prosthetics at Loma Linda University School of Allied Health Professions, says the original plan was for the student mission group to paint playground equipment at the Door of Faith Orphanage, one of the largest orphanages in Baja. But news of the group's arrival soon traveled to local healthcare center, Siloé Wellness Center in La Mision — run by co-founder and medical director, Sarah Mayer, PA, a Loma Linda University alumna.

When Mayer found out the group had representatives from the orthotics and prosthetics, physical therapy and occupational therapy departments, she asked if Moor and a small student team would be willing to see a few patients the next day. The healthcare center was unable to offer orthotics and prosthetic specialty services to patients.

"We assessed four patients in one day, fashioning molds and prostheses using supplies from the healthcare center and the local hardware store," Moor says. "But one case was significantly more complex."

Miranda, at six years old, was the victim of an equestrian accident. While riding on horseback, a lasso rope lying across the saddle wrapped around her arm as the horse spooked. The wild mare sprinted away and the noose tightened, burning Miranda's arm so severely that a doctor had to amputate her arm below the elbow.

After the accident, she was given a passive arm prosthetic designed to look like a natural arm, without active movement or functionality. Now, age 9, Miranda had not only outgrown the prosthetic arm, but was unable to do everyday tasks like tying her own shoes without the help of others.

"I knew that successful treatment would require multiple follow-up visits and a custom, body-powered hook prosthetic," Moor says.

Moor left Mexico with the promise of returning the following month with a new, functioning arm and hand for Miranda.

In May, Moor returned to Mexico with a group of orthotics and prosthetics students to fit Miranda with her new arm.

After the fitting, with her mother at her side, Moor asked Miranda to complete a first task using her body-powered prosthetic by picking up a specific rubber band from a large bag of multi-colored bands. He told her to choose her favorite color in the bunch. Moor says without thinking she plunged her good arm into the bag to select a green rubber band. He told her "Wait, try that again, but this time use your new hand."

Miranda was able to choose a rubber band from the bag on the first attempt using a body-powered hook prosthetic device operated by a cable system that uses body movements, like shoulder shrugging, in order to open and close the hook-shaped device.

"Her mother burst into tears and embraced her daughter, and together they celebrated with long hugs, smiles and tears," Moor says. "It was a blessing to be part of that life-changing moment."

Because of the success of the multi-disciplinary student team, Moor has volunteered to lead rehabilitation-focused student mission trips to Mexico every other month.

"We can accomplish so much in just one short weekend of international service," Moor says.

Since 1985, Students for International Mission Service or SIMS, part of the Global Health Institute, has exemplified Loma Linda University Health's commitment to global service by incorporating international service opportunities into academic curriculum.

SIMS provides Loma Linda University students with high-quality, multi-disciplinary, service-learning opportunities that empower them to become caring, competent and socially responsible health professionals who value service as a lifelong process. Participants work in underdeveloped areas at international partner sites of Loma Linda University Health around the globe in communities with limited or no access to health care and health education. ■





PHOTO BY OBED CARRERA



PHOTO BY ANSEL OLIVER

CHANGE MAKER

Sakena Yacoobi is the founder and director of the Afghan Institute of Learning (AIL), a non-governmental organization that started training teachers and opening schools in Afghan refugee camps in Pakistan and grew to a recognized network of schools, clinics and women's health centers that have brought education, training and healthcare to more than 15 million women and children. She earned a master's degree in public health from the School of Public Health in 1981, and she was awarded an honorary doctorate from the university in 2008.

I think there are times we don't know what's happening in our lives. Things happen, and then later on you find out the reason.

I'm a public health consultant, but when I came to this country from Afghanistan, my main goal was to become a doctor because I wanted to help women be healthier and children not die.

I came from a family where my mother had 16 pregnancies. Only five of us are still alive. I was devastated as a child. Every day, I saw the bodies of women and children being carried to the graveyard. I was in tears every time my mother delivered because I was scared — I knew I could lose my mother at any moment.

Also, every time I heard a cry from a neighboring house, there was a feud. Women were beaten up and tortured, sometimes suffocated. My father, God bless him, he wanted better for me and wanted me out of that environment. He was serious about education. So he sent me to the United States.

I was a biology major at the University of the Pacific in Stockton, and a friend of mine who was a Christian suggested after graduation I should consider Loma Linda University. I wrote down the name and went to the library to research it. Many people were shocked I wanted to attend a Christian university. I said, "Why not?"

Sakena Yacoobi speaks at the Loma Linda University Health Women's Conference in May.

When I came here, I couldn't believe what I found. I found a home. I found a community. I was so happy. The lifestyle here impressed me. Every Sabbath I went to church, every Sabbath I went to a family's home for dinner, every Sabbath I went for a walk in the mountains, I felt God had made this place for me.

It was the happiest time of my life. But back at home, Russia had invaded my country. It was a disaster that affected my family and relatives. But it was a blessing from God that I was in Loma Linda — a place where people were happy and kind and talented and could inspire me.

I ended up deciding to instead study public health because I found myself counseling and getting involved with a lot of international students.

I wanted to go to Afghanistan, but there was no Afghanistan for me to go to. So I went to Michigan to teach at a university for several years. I brought my whole family here and settled them. But after a while, I looked around me and saw everyone was educated. I wanted to be somewhere I could provide service, which is what I learned in Loma Linda.

So a few years later I quit. I went to the Nasir Bagh refugee camp in Pakistan. There were millions of people in a dozen camps. The conditions were awful. Many people had suffered so much. I spent the first month just listening. There were devastating stories of abuse and torture.

After a while, I noticed many of the women and girls were like zombies, just sitting around and not thinking at all. They were hopeless. To live well, you must have education. You must be able to think critically. Education had changed my life. I knew I had to do something.

I set up a small clinic. Mothers came and we sat and talked. We talked about hygiene, immunization and many concerns for health. Little by little they began to trust me. And after a while, many women came and started talking to each other. Before, they couldn't talk because they didn't know who they could trust. Now they were talking and psychologically acting as counselors for each other. The clinic became a gathering spot.

We ended up building several clinics in the camps. Believe me, it wasn't easy. But I wanted to help people and to help them think critically.

Then in 1997, people asked us to go into Afghanistan. The Taliban had taken over. No women could go to school, or get educated, or walk in the street or to the bathhouse or to the hospital to give birth. It was heartbreaking.

So we went to Afghanistan and started an underground school. We all knew that if I, or any of the teachers or students were captured, we would all be killed without question. When you



know this, you're scared and nervous. But I am a spiritual person, and this was a mission for me, so I kept going. I prayed every day, "God please help me. I am at your mercy. Help me to help these people to become critical thinkers."

Soon we had 80 underground schools — 3,000 students. Today they are doctors, lawyers, engineers — they're doing all kinds of beautiful work.

Really, my main goal was to come back to Afghanistan and build a hospital, which I did. It's a women's hospital with 40 beds.

Today I have a staff of 480 — 80% are women. We have supported over 300 women's centers. We also have four schools. We have four big clinics, and we see more than 16,000 patients every month. We also have 400 children in an orphanage, and we

have a clinic there, too. We also have another six smaller pop-up clinics for disabled and poor individuals.

There's a waiting list to get into our schools. We teach about peace, health and computers — subjects that are beyond the required government curriculum.

Two years ago we founded a radio station — Radio Mehraj. We broadcast all our educational material. We now have 2 million listeners, and it's so successful we're going to launch a TV station next year.

I also want to open the first women's university in Afghanistan. Hopefully that will be open in two years. We have the land, the classrooms, the curriculum. We'll start with 100 students and then see where it goes.

You asked who I've met. We've been blessed with support from so many people, and it's been a privilege to meet so many people

— Hillary Clinton, Laura Bush and Jimmy Carter. And Prime Minister Tony Blair. I even served on a panel several times with the Dalai Lama. Nelson Mandela, too.

But really, what I and many others are trying to do is change a culture. We still have a lot of problems in Afghanistan. Every day there is a suicide bomb. I work with a lot of young people, and they are wanting to change the world. But security isn't good for women. They can be threatened if they go places. But if security improves, I think Afghanistan can be beautiful like it once was.

Women have potential. Women are the change makers and the leaders. We should help them develop confidence and resilience, and they will shine. ■

— as told to Ansel Oliver



Her Excellency the Right Honorable Julie Payette, Governor General of Canada, congratulates Howard Gimbel during his investiture into the Order of Canada, one of Canada's highest awards, given to honor lifelong distinguished service.



PHOTO SGT JOHANIE MAHEU, RIDEAU HALL © OSGG, 2018

PIONEERING OPHTHALMOLOGIST RECEIVES ORDER OF CANADA FOR DISTINGUISHED SERVICE

LOMA LINDA UNIVERSITY ALUMNUS HOWARD
GIMBEL'S SURGICAL INNOVATIONS IN EYE CARE
SELECTED FOR ONE OF CANADA'S HIGHEST AWARDS

BY LARRY BECKER

Howard Gimbel, MD, MPH, who graduated from Loma Linda School of Medicine in 1960 and the School of Public Health in 1978, received the Order of Canada award during a ceremony in Ottawa last year. One of the country's highest awards, Gimbel was honored for his pioneering contributions to the field of eye care and his surgical innovations as an ophthalmologist.

"I have tried my best to give God the honor and the glory for blessing me to receive such an honor," Gimbel said.

Since its establishment in 1967, more than 7,000 people have received the Order of Canada honor. Recipients are chosen to recognize the achievement of outstanding merit or distinguished service by Canadians who made a major difference to Canada through lifelong contributions in every field of endeavor. The Order of Canada Advisory Council selects each year's honorees from 600-800 nominations received annually.

Following his graduation from the School of Medicine in 1960 and completing his ophthalmology residency at the White Memorial Medical Center, Gimbel founded the Gimbel Eye Centre in Calgary in 1964. His lifelong interest in cutting edge technology led him to develop new techniques for safe cataract surgery and later refractive surgery that set new international standards for the procedures. More than 200,000 patients from more than 50 countries have been treated at Gimbel Eye Centre since its opening.

Gimbel and his wife Judy founded the Gimbel Eye Foundation in 1984. The foundation places a high priority on funding projects that contribute directly to eye health and preventing disease in Canada and internationally.

An eye tumor led to Gimbel's retirement from performing surgeries in 2018, transitioning his efforts to teaching, mentoring and advising patients about their options for treatment. However, Gimbel says that planned surgery to remove the tumor has been cancelled because of stable findings from repeat MRIs.

Gimbel has always had a teaching component to his practice. He holds faculty positions at Loma Linda School of Medicine and at the University of Calgary's Cumming School of Medicine. Wishing to share his surgical techniques with fellow surgeons, Gimbel had produced more than 200 teaching videos that are housed in a library on YouTube. He has also co-authored two textbooks, contributed articles to medical journals and spoken at conferences and universities.

"God has given me many opportunities to praise His name even to thousands of colleagues at an international meeting this spring at which I received another honor: induction into the American Society of Cataract and Refractive Surgery Hall of Fame," Gimbel said. ■

MILESTONES, JULY 2018

Events:

LOMA LINDA UNIVERSITY HEALTH HONORED FOR EXCELLENCE IN CARDIAC CARE



The American College of Cardiology has affirmed Loma Linda University Medical Center's expertise in providing top-tier heart and vascular care to the communities it serves. The national accreditation — "Chest Pain Center with Primary PCI"

— underscores the Medical Center as a facility equipped and quickly able to evaluate, diagnose and treat chest pain. The accreditation also recognizes that the Medical Center is able to provide percutaneous coronary intervention (PCI), also known as coronary angioplasty, 24/7 every day of the year.

LOMA LINDA UNIVERSITY HEALTH EARNS NATIONAL RECOGNITION FOR CARE OF IN-HOSPITAL CARDIAC ARRESTS



Loma Linda University Medical Center and Loma Linda University Children's Hospital have received awards for quality in treating patients who suffer cardiac arrests in the hospital. The two entities received the Get With The Guidelines

– Resuscitation Silver Award for implementing specific quality improvement measures as outlined by the American Heart Association. Loma Linda University Medical Center received the award for meeting specific measures in treating adult patients who suffer in-hospital cardiac arrests, and Loma Linda University Children's Hospital received three awards for meeting specific measures in treating pediatric, neonate/infant and newly born patients.

LOMA LINDA UNIVERSITY/MT. SAN JACINTO COLLEGE NURSING EDUCATION AGREEMENT



Loma Linda University School of Nursing and Mt. San Jacinto College (MSJC) signed an articulation, or transfer agreement, creating the School of Nursing's

first transfer agreement with a public college. MSJC nursing students will be able to transfer to LLU School of Nursing to continue their education in nursing. The agreement will lead to a stronger workforce for the Menifee/Murrieta region, with a goal of increasing quality of life for students and residents.



PROFESSOR NAMED TO TOP GOVERNMENTAL DIETARY GUIDELINES COMMITTEE

Joan Sabaté, MD, DrPH, a professor at the School of Public Health and School of Medicine, was named to the federal government's 2020 Dietary Guidelines Advisory Committee. Sabaté is the first Loma Linda University professor ever named to this committee. He joins 20 nationally recognized scientists who make up the committee, announced by U.S. Secretary of Agriculture Sonny Perdue and U.S. Health and Human Services Secretary Alex Azar in February.

ADVANCED PRENATAL CARE LAUNCHED AT MURRIETA CAMPUS

Loma Linda University Medical Center – Murrieta launched its new Maternal Fetal Medicine (MFM) program in June. The hospital now provides comprehensive prenatal care to women experiencing unexpected complications during pregnancy. The MFM program provides more advanced care for expectant mothers who have been diagnosed with a high-risk pregnancy. High-risk pregnancies can occur for a variety of reasons, including advanced maternal age, chronic medical conditions (diabetes or hypertension), multiple pregnancy (twins or more) and a history of preterm labor.

— JUNE 2019



\$25 MILLION GIFT WILL SUPPORT NEW SAN MANUEL MATERNITY PAVILION

The San Manuel Band of Mission Indians gifted Loma Linda University Children's Hospital \$25 million in February at the 26th Annual Children's Hospital Foundation Gala, held at the Riverside Convention Center. Tribal Secretary Ken Ramirez, who presented the gift on behalf of the San Manuel Band of Mission Indians, said this donation will forge an even stronger partnership with Loma Linda University Health to move the community

forward in health and wellness. Loma Linda University Children's Hospital's fifth floor will be named the San Manuel Maternity Pavilion to honor this landmark gift. The funds will allow Children's Hospital to continue as the leader in high-risk birth care in the region — approximately 50% of births at the hospital are high-risk.



LOMA LINDA UNIVERSITY HEALTH CONFERENCE ADVANCES INTERNATIONAL HEALTHCARE ORGANIZATIONS

More than 300 Seventh-day Adventist healthcare leaders from 44 countries came to Loma Linda in October 2018 for the eighth Global Healthcare Conference. One of Loma Linda University Health's ongoing international initiatives that support the development of the church's healthcare institutions in developing countries around the world, this year's theme focused on leadership, governance and management issues faced by healthcare organizations. The weekend also provided a venue for networking and collaboration between institutional leaders and encouraged conversations focusing on practical challenges and solutions they face.



LIFE ON THE LINE WINS EMMY AWARD

A Life on the Line series episode about an Inland Empire teenager who received a heart transplant

took home an Emmy® at the 45th annual Pacific Southwest Chapter of the National Academy of Television Arts & Sciences Emmy® awards ceremony in June. Produced by Mound City Films, the episode *Love for Lexi* followed a 16-year-old whose heart stopped just weeks after being diagnosed with a rare form of heart disease, which got her placed on the heart transplant list. Following this tragedy, she received her care at Loma Linda University Children's Hospital. The episode shared her journey through the eyes of her doctors and family while they all fought for her life. The Life on the Line series is broadcast nationally on the Public Broadcasting System.



DIABETES TREATMENT CENTER EARNS CDC HONOR

Loma Linda University Medical Center's Diabetes Treatment Center was awarded the prestigious Centers for Disease Control and Prevention (CDC) recognition for a quality diabetes prevention program, a designation that underscores the facility's expertise in delivering proven diabetes prevention and lifestyle changes for patients. The recognition affirms the center's ability to help patients make lifestyle changes designed to help them lose weight, reduce blood glucose levels and control triglycerides and cholesterol.

Recognitions:



U.S. NEWS NAMES MEDICAL CENTER AS ONE OF NATION'S BEST

Loma Linda University Medical Center (LLUMC) was recognized as a Best Hospital for 2018-19 by U.S. News & World Report in August of 2018. Along with being ranked as the No. 1 hospital in the Riverside and San Bernardino metro area, the Medical Center was also nationally ranked in gynecology and recognized as “high performing” in seven other areas. These annual rankings assist patients and their doctors in making informed decisions about where to receive care for challenging health conditions or common elective procedures. Four of the Medical Center’s specialties were recognized as high performing, including gastroenterology and gastrointestinal surgery, neurology and neurosurgery, orthopedics and urology.

LOMA LINDA UNIVERSITY HEALTH RECEIVES TWO AWARDS FOR BEING OUTSTANDING WORKPLACE

Loma Linda University in July was named a 2018 “Great Colleges to Work For” by the Chronicle of Higher Education, a leading trade publication for colleges and universities. The university was named to the list for successfully creating great workplaces for their employees and for furthering the research and understanding of the specific factors, dynamics and influences that impact an organization’s culture. Then in December 2018, Loma Linda University Health and six of its entities were recognized as a 2018 Top Workplace by the Inland News Group, exemplifying employees’ belief in the mission and values of the organization and their engagement in the workplace. The entities recognized were Loma Linda University Medical Center, Loma Linda University Children’s Hospital, Loma Linda University Behavioral Medicine Center, Loma Linda University Shared Services, Loma Linda University Health Care and Loma Linda University. The distinction was awarded to only 40 companies in the Inland Empire.

BECKER’S NAMES LOMA LINDA UNIVERSITY HEALTH TO BEST PLACES TO WORK LIST

Loma Linda University Health has been named by Becker’s Hospital Review as one of the “150 Top Places to Work in Healthcare 2019.” The May 2019 announcement included the organization as one of the top hospitals, health systems and healthcare companies that promote diversity within the workforce, employee engagement and professional growth. Becker’s recognized Loma Linda University Health for the organization’s employee benefit plans and community outreach. Becker’s also noted Loma Linda University Health’s unique wellness and spiritual programs that support employees’ efforts to lead a healthy lifestyle. Becker’s Hospital Review is a leading hospital industry publication focusing on business, legal news and industry analysis.



LOMA LINDA UNIVERSITY HEALTH RECEIVES SERIES OF LEAPFROG AWARDS FOR EXCELLENCE

Highlighting its nationally recognized achievements in patient safety and quality, Loma Linda University Children’s Hospital was named a Top Children’s Hospital for the second year in a row, and Loma Linda University Medical Center East Campus received its inaugural recognition as a Top Teaching Hospital by The Leapfrog Group, an independent hospital watchdog organization. Both awards were announced in December 2018. Additional Leapfrog awards announced in May of this year went to Loma Linda University Medical Center and East Campus hospitals, which both received “A” ratings for achievements in patient safety and quality. Making strides in its dedication to patient safety, Loma Linda University Medical Center East Campus received this national recognition for the second consecutive year. Leapfrog Top Hospital awards are widely acknowledged as one of the most competitive honors American hospitals can receive.

LOMA LINDA UNIVERSITY HEALTH BOARD OF TRUSTEES

**Lisa Beardsley-Hardy, PhD,
MPH, MBA**

Director, Department of Education
General Conference of Seventh-day Adventists

Shirley Chang, PhD

Retired nursing educator

Richard Chinnock, MD

Chair, Department of Pediatrics
Loma Linda University School of Medicine

Jere Chrispens, MA

Retired IT executive

Wilfredo Colón, PhD

Professor of Chemistry
Rensselaer Polytechnic Institute

Sheryl Dodds, MS

Chief Clinical Officer/Senior Executive Officer
Florida Hospital

Steven Filler, DDS, MS, MA

Associate Dean, Student, Alumni &
External Affairs
University of Alabama School of Dentistry

Ricardo Graham, DMin

President
Pacific Union Conference of
Seventh-day Adventists

Roger Hadley, MD

Dean, School of Medicine
Executive Vice President for Medical Affairs
Loma Linda University Health

Wayne Harris, MD

Associate Professor, Hematology &
Medical Oncology
Winship Cancer Institute of Emory University

Richard H. Hart, MD, DrPH

President/Chief Executive Officer
Loma Linda University Health

Douglas Hegstad, MD

Chair, Department of Internal Medicine
Loma Linda University School of Medicine

Kerry Heinrich, JD

Executive Vice President for Hospital Affairs
Loma Linda University Health

Lars Houmann, MHA

Executive Vice President,
Florida Division, AdventHealth

Dan Jackson, MA

President
North American Division of
Seventh-day Adventists

Mark Johnson

President
Seventh-day Adventist Church in Canada

Melissa Kidder, MD

Assistant Professor, Department of OB-GYN
Loma Linda University School of Medicine

Peter Landless, MB, BCH

Director, Department of Health Ministries
General Conference of Seventh-day Adventists

Robert Lemon, MBA

Special Assistant to the Treasurer
General Conference of Seventh-day Adventists

Thomas Lemon, MDiv

Vice President
General Conference of Seventh-day Adventists

Robert Martin, MD

Chair, Department of Anesthesiology
Loma Linda University School of Medicine

Patrick Minor, MS

International Public Health Administrator

Larry Moore, MDiv

President
Southwestern Union Conference of
Seventh-day Adventists

G.T. Ng, PhD

Secretary
General Conference of Seventh-day Adventists

Ricardo Peverini, MD

Senior Vice President for Clinical Faculty
Loma Linda University Health

Juan Prestol-Puesán, PhD, MBA

Treasurer
General Conference of Seventh-day Adventists

Scott Reiner, MHA

President/Chief Executive Officer
Adventist Health

Herbert Ruckle, MD

Chair, Department of Urology
Loma Linda University School of Medicine

Eunmee Shim, MSN

SVP Ambulatory Networks and Chief
Strategy Officer
Adventist HealthCare

Ron Smith, PhD, DMin

President
Southern Union Conference of
Seventh-day Adventists

Max Trevino

Retired administrator

Eric Tsao, MBBS

Physician

Tom Werner, MBA

Retired health care executive

David Williams, PhD

Professor of Public Health
Harvard School of Public Health

Ted N.C. Wilson, PhD, MPH, MDiv

President
General Conference of Seventh-day Adventists

Roger Woodruff, MD

Chair, Department of Family Medicine
Loma Linda University School of Medicine

LOMA LINDA UNIVERSITY HEALTH CORPORATE OFFICERS

Richard H. Hart, MD, DrPH

President and Chief Executive Officer

Angela M. Lalas, MBA, CPA

*Chief Financial Officer/Senior Vice President
for Finance*

Kerry L. Heinrich, JD

Executive Vice President for Hospital Affairs

H. Roger Hadley, MD

Executive Vice President for Medical Affairs

Ronald L. Carter, PhD

Executive Vice President for University Affairs

Lyndon Edwards, MBA

Senior Vice President for Adult Hospital Services

Rachelle B. Bussell, MA, CFRE

Senior Vice President for Advancement

M. Scott Perryman, MBA

Senior Vice President for Children's Hospital

Ricardo L. Peverini, MD

Senior Vice President for Clinical Faculty

Rodney D. Neal, MBA

Senior Vice President for Finance

Trevor G. Wright, MHA

*Senior Vice President for Health
Facilities Operations*

J. Peter Baker, JD, MBA

Senior Vice President for LLUMC – Murrieta

Janet Kroetz, RN, MN, NE-BC

*Senior Vice President for Patient Care Services
until 12-31-18*

Helen Staples-Evans, DNP

*Senior Vice President for Patient Care Services
as of 1-1-19*

Mark L. Hubbard

*Senior Vice President for Risk Management
& Human Resource Management/
Assistant Secretary*

Darryl VandenBosch, CPA

Senior Vice President for University Hospital

Craig R. Jackson, JD, MSW

*Vice President for Allied Health
Professions Education*

David G. Wren, MHA

Vice President for Ambulatory Services

Beverly J. Buckles, DSW

Vice President for Behavioral Health Education

Edward L. Field, MBA

Vice President for Behavioral Medicine Center

Robert Handysides, DDS

Vice President for Dentistry

Jonathan Jean-Marie, MHA

*Vice President for East Campus and
Surgical Hospital*

Daniel W. Giang, MD

Vice President for Graduate Medical Education

David P. Harris, PhD

Vice President/CIO for Academia

Llewellyn L. Mowery, MBA, CPA

Vice President for Finance

Alan Soderblom, MBA

*Vice President for Finance,
LLUMC/LLUMC-Murrieta*

Lizette Norton, MA

*Vice President for Human
Resource Management*

Mark E. Reeves, MD, PhD

Vice President for Institutes

Elizabeth A. Bossert, PhD

Vice President for Nursing Education

Michael Hogue, PharmD,

Dean, School of Pharmacy as of 12-10-19

Helen Hopp Marshak, PhD

*Vice President for
Public Health Education*

Jon K. Paulien, PhD

Vice President for Religion Education

Michael Samardzija, PhD, JD

Vice President for Research Affairs

Melvin A. Eisele, MBA

Vice President for Revenue Cycle

Sondra L. Leno, BS, CPA

*Vice President for Revenue Cycle
as of 4-1-19*

Randall L. Roberts, DMin

*Vice President for
Spiritual Life and Mission*

Rick E. Williams, PhD

Vice President for Student Services

Rhodes L. "Dusty" Rigsby, MD

Vice President for Transitional Care

Myrna L. Hanna, MA

Corporate Secretary

Orlando L. Huggins, CPA

Assistant Secretary

Whitney P. Henderson, MBA

Assistant Secretary

Eric Schilt

*Vice President for Planning, Design &
Construction as of 1-1-19*

Outpatient visits
July 2018 – June 2019:
1,794,321

Students
in Fall 2018:
4,482

LOMA LINDA UNIVERSITY HEALTH FINANCIAL SUMMARY JULY 2018 – JUNE 2019

We earned:	
Clinical activities	\$2,580,174,319
Academic activities	\$337,922,676
Total Net Revenue	\$2,918,096,995
We spent:	
Clinical activities	\$2,475,141,392
Academic activities	\$311,381,213
Total Expenses	\$2,786,522,605
Increase in restricted net assets from gifts and investment income	\$31,518,000
Unrealized gain on investments	-\$1,161,804
Transfers and other adjustments	-\$17,353,656
Increase in net assets	\$144,576,930

PRESIDENT'S ADVISORY CABINET

Beverly Bailey

Marshall Robert Ching, MD,
and Phyllis Ching

Irving "Bud" Feldkamp
III, DDS, and Pam
Newbury Feldkamp

The Hon. Patrick J. Morris

Mike Parnell and Dawn Parnell

Barbara Robinson

Pierre Rogers and Lily Saenz

Robert Seale

Dennis Troesh and
Carol Troesh

The Hon. Jerry Lewis and Mrs.
Arlene Lewis - Emeritus



PHOTO BY DANIEL TAIBE

COUNCILORS

EXECUTIVE COMMITTEE

Stan and Carol Appleton
Mike Boyko
Dick and Patti Catalano
Gary and Annette Frykman
George and Joan Harding
Steven and Merle Hildebrand
Bob and Janece Jung
Jay and Natalie Jutzy
Dan Kunihiro
Virgil and Karen Nielsen
Roland and Priscilla Lonser
Noni Patchett

Thomas and Cherie Eickmann
Harvey and Grace Elder
David and Eileen Emori
Darlene Everett
Ruth Fagal
Marianne Fitzgerald
Carol Follett
Sandee Follett
Helmuth and Susan Fritz
Gary and Annette Frykman
Geri Gaines
Howard and Judy Gimbel
James and Trenise Gulley
Donald and Rolene Hanson
George and Joan Harding
Carol Hebbel
Ray and Marilyn Herber
Steven and Merle Hildebrand
Robert and Lirlie Horner
Beverly Horning
Ardis Hughes
John and Judy Jacobson
Florence Jacques
Jim and Kay Jesse
Chris and Melanie Jobe
Eunice Johnson
Fran Johnson
Gloria Johnson
Rob and Odette Johnson
Don and Carol Jones
Bob and Janece Jung
Jay and Natalie Jutzy
Cal Krueger
Dan and Linda Kunihiro
Richard Kunihiro
Roy Larsen
Carl and Raye Lofgren
Ralph and Berryl Longway
Roland and Priscilla Lonser
Darrell and Vicki Ludders
Percy Lui

Ted and Linda Mackett
Julie Miller
Robert and Gladys Mitchell
Bill and Sue Moon
Mike and Sondra Moran
Bob Nakamura
Sonia Neidigh
Virgil and Karen Nielsen
Noni Patchett
Peggy Patchett
Elsie Peterson
Donald and Lois Prior
Ariel and Lenore Roth
Richard and Mellissa Rouhe
Kimber and Louise Schneider
Keith Seidenstricker
Fred and Betty Simental
Jess and Donna Simmons
Janet Stoehr
Timothy and Susan Szutz
Arthur and Shelley Thiel
Tom and Marta Tooma
Carleton Wallace
Marge Wat
Douglas and Elisabeth Wear
Richard and Sheryl Wells
Denis and Carlla Westphal
George and Jeanne Wisseman
Brian and Carlene Will
Catherine Wilson
Alice Wong
Andrew and Lydia Wong
Betty Wong
Charles and Naomi Yamashiro
Peter and Anny Young
Richard and Ann Yukl
Ernest and Dorothy Zane
Tom and Vi Zapara
Stanley Zerne
Ed and Ann Zinke
Ernie and Nancy Zinke

COUNCILORS

Bruce and Audrey Anderson
Dennis and Leigh Anderson
Stan and Carol Appleton
Bob and Pearl Apuy
Linbrook Barker
Lynn and Lorayne Barton
Carl and Aileen Bauer
Brad and Carla Baum
Myrna Bowie
Mike and Teresa Boyko
Fred and Judy Bunch
Dick and Patti Catalano
Ernie and Gloria Chan
Kal and Connie Chun
Claire Church
Claudia Coggin
Bert and Evelyn Connell
Keith and Peggy Corbett
Daniel Cotton
Paul and Jay Damazo
Kay Davis
Kenneth and Rita Dedeker
Tom and Judy Deeble
Tom and Pat Dickinson
Herbert and Carol Domke
Bill and Yvonne Dysinger

Thomas and Cherie Eickmann
Harvey and Grace Elder
David and Eileen Emori
Darlene Everett
Ruth Fagal
Marianne Fitzgerald
Carol Follett
Sandee Follett
Helmuth and Susan Fritz
Gary and Annette Frykman
Geri Gaines
Howard and Judy Gimbel
James and Trenise Gulley
Donald and Rolene Hanson
George and Joan Harding
Carol Hebbel
Ray and Marilyn Herber
Steven and Merle Hildebrand
Robert and Lirlie Horner
Beverly Horning
Ardis Hughes
John and Judy Jacobson
Florence Jacques
Jim and Kay Jesse
Chris and Melanie Jobe
Eunice Johnson
Fran Johnson
Gloria Johnson
Rob and Odette Johnson
Don and Carol Jones
Bob and Janece Jung
Jay and Natalie Jutzy
Cal Krueger
Dan and Linda Kunihiro
Richard Kunihiro
Roy Larsen
Carl and Raye Lofgren
Ralph and Berryl Longway
Roland and Priscilla Lonser
Darrell and Vicki Ludders
Percy Lui

Ted and Linda Mackett
Julie Miller
Robert and Gladys Mitchell
Bill and Sue Moon
Mike and Sondra Moran
Bob Nakamura
Sonia Neidigh
Virgil and Karen Nielsen
Noni Patchett
Peggy Patchett
Elsie Peterson
Donald and Lois Prior
Ariel and Lenore Roth
Richard and Mellissa Rouhe
Kimber and Louise Schneider
Keith Seidenstricker
Fred and Betty Simental
Jess and Donna Simmons
Janet Stoehr
Timothy and Susan Szutz
Arthur and Shelley Thiel
Tom and Marta Tooma
Carleton Wallace
Marge Wat
Douglas and Elisabeth Wear
Richard and Sheryl Wells
Denis and Carlla Westphal
George and Jeanne Wisseman
Brian and Carlene Will
Catherine Wilson
Alice Wong
Andrew and Lydia Wong
Betty Wong
Charles and Naomi Yamashiro
Peter and Anny Young
Richard and Ann Yukl
Ernest and Dorothy Zane
Tom and Vi Zapara
Stanley Zerne
Ed and Ann Zinke
Ernie and Nancy Zinke

VISION 2020 UPDATE

Loma Linda University Health's project to open a new Adult Hospital and Children's Hospital Tower passed several significant milestones in the construction process. The steel substructure for both buildings was completed during the second half of 2018. The Children's Hospital tower was completed in September, and the ceremonial final beam for the 16th story of the Adult Hospital was raised into place in a special topping off ceremony on December 11.

The exteriors of both towers are closed in, and interior finish work has started at the lower levels of the building's five-story podium. More than 100 heating and cooling units, the backbone of the new hospitals' interior air quality, have been installed on the fourth floor. The Children's Hospital's exterior features areas of Dichroic glass, designed to project shifting colors on the building's exterior as the light changes throughout the day — an effect similar to a prism. The colorful exterior effect is part of the effort to make the building particularly attractive to its young patients and their families.

The ongoing construction began with the groundbreaking in May 2016, and when completed will result in new buildings that will meet and exceed California's upcoming seismic requirements for hospitals. The new Medical Center will house 320 beds for adult patients, while the new Children's tower will give Children's Hospital a total of 373 licensed beds. The new facilities will also be a place where 4,700 Loma Linda University students and 700 residents will progress in their education.



PHOTO BY DANIEL TAIFE



Rachelle Bussell, MA
Senior Vice President for Advancement

“Vision 2020 has captured the imagination and support of so many of you. Every member of the Loma Linda University Health team is so grateful for how your encouraging words, your prayers, and your gifts have supported our work to strengthen the health in our Inland Empire region and around the world. Your vision for the teaching and healing work that happens here is a source of strength for us on a daily basis.

“Dr. Hart and the entire team thank you so very much for your continued interest and support of the Vision 2020 effort. We hope that you will continue your supporting efforts as we enter into the final stages of achieving our Vision 2020 goals, and continue to transform lives wherever the Lord takes us.”

VISION 2020 CAMPAIGN STEERING COMMITTEE

Bob Ching
Phyllis Ching
Jere E. Chrispens – co-chair
Marian Chrispens – co-chair
Bud Feldkamp
Pam Feldkamp
Roger Hadley
Donna Hadley
Steve Kienle
Cathy Kienle
Peter C. Nelson
Suzanne R. Nelson
Mike Parnell
Dawn Parnell
Steve PonTell
Victoria PonTell
Kenneth R. Ramirez
Elmar P. Sakala
Darilee F. Sakala
Charles A. Sims
Candace Spiel
Dennis Troesh – honorary co-chair
Carol Troesh – honorary co-chair
Mary Ann Xavier
Frank E. Xavier

/ Parting Shots /



C A M E R A M A N

There are people who take selfies, and then there's Roger Hadley, MD. If you were within an arm's reach of this man during his 16-year tenure as dean of the School of Medicine, you might have appeared in one of thousands of selfies he took to document his interactions with whom he encountered. Although Hadley stepped down from his role as dean in June, he will continue to work here on campus as a urologist, assistant to the dean and serve on the national Accreditation Council for Graduate Medical Education board.

For Hadley, who took over the deanship in 2003 and built up the school's reputation of support for students, innovative thinking and team-based approaches to addressing challenges, pictures were a way he connected with students, faculty, families and visitors. He is one of the longest-serving medical school deans in the country.

"Roger displayed exemplary leadership and inspiration for the university, as well as the field of health professions as a whole," said Richard H. Hart, MD, DrPH, president of Loma Linda University Health. "He tackled challenges and made great steps toward a better future of medicine."



How will you leave your **LEGACY**?

● Drs. Edmond and Ella Haddad are leaving their legacy by giving the gift of opportunity. Both educators at Loma Linda University Health, they decided to make a gift through real estate. Proceeds from its sale established the Ella and Edmond Haddad International Student Scholarship in the Loma Linda University School of Public Health and added to The Labeeb Haddad Memorial Scholarship in Loma Linda University School of Dentistry.

“Qualified students from all over the world should have the opportunity to receive a higher education. We believe everyone has something that they want to promote and for us that is love, peace and hope.”

– Drs. Edmond and Ella Haddad

To learn how you can give from your IRA account or about establishing a Planned Gift, visit llulegacy.org or call **909-558-4553**.



LOMA LINDA
UNIVERSITY
HEALTH

MANY STRENGTHS. ONE MISSION.



LOMA LINDA UNIVERSITY
HEALTH

Office of Marketing & Communications
11157 Anderson Street
Loma Linda, California 92354

Nonprofit
Organization
US Postage
PAID
San Bernardino, CA
Permit No. 1282

SAVE THE DATE



LOMA LINDA UNIVERSITY
HEALTH

homecoming

Thursday, March 5 – Monday, March 9, 2020

For all the latest updates visit
llu.edu/homecoming.