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First hospital-based proton center hosts celebratory events with reunion of hundreds of former patients and families

Contributed report

Hundreds of former cancer patients and family members reunited at Loma Linda University Medical Center (LLUMC) Monday, October 26 to celebrate their health and the trailblazing proton radiation technology that helped them beat the disease.

The reunion was part of the 25th anniversary of the James M. Slater, MD, Proton Treatment and Research Center, the world's first hospital-based proton therapy facility.

Former patients had opportunities to come together over a two-day period of activities and reflect about the care they received at the Proton Treatment Center, which for many became their home away from home during treatment.

From the patient reunion dinner that launched the celebration to hikes, tours, seminars, healthy food demonstrations, a history wall unveiling, and a film screening, there were ample opportunities to share stories and common bonds.

The highlight of the 25th anniversary celebration was the proton homecoming event in which former patients gathered to pay tribute to one of the center's most

celebrated staff members, Lynn Martell, DMin, director of special services.

Martell works with patients every step of the way during their treatment—from the orientation he provides when they begin treatment, through the many wellness and spiritual programs that help them feel whole again.

"We are extremely proud of our program. Not only were we the first to bring this lifesaving technology to the hospital setting, but there is no other proton center worldwide that devotes the attention we do to other aspects of the healing process," remarks Jerry D. Slater, MD, chair and medical director of Loma Linda University Medical Center's department of radiation medicine and James M. Slater, MD, Proton Treatment and Research Center.

He continues, "In addition to targeted proton treatment, we concentrate on patient-wellness elements including nutrition, activity, and spirituality, all of which have proven to be vital to healing and longevity."

Loma Linda's philosophy of care begins at the time of diagnosis and centers on treating the whole person, including the myriad of physical, psychological, and spiritual needs that are



Members of the news media film and photograph Jerry Slater, MD, as he explains the mechanisms for focusing a proton beam to the exact dimensions of a tumor, which helps protect surrounding tissues.

essential to healing. Every aspect of healthy living is presented to LLUMC patients as they learn that healing comprises many components, from nutrition to physical activity to social networking to spiritual support.

The 25th anniversary series of events

included the official unveiling of the Proton History Wall, which showcases the long and illustrious journey and accomplishments of the center.

In addition to the actual development of proton technology for cancer treatment in the hospital setting, some of the many milestones featured on the wall include the center's work with NASA to research the effects of radiation in space; the development of a robotic Precision Patient Alignment System, which further improves the accuracy of repeatable patient positioning; and clinical trials that continue to be conducted to improve and expand proton treatment's effectiveness.

"The future of proton therapy is incredibly promising thanks to technological advancements that will allow for the treatment of additional types of difficult-to-reach tumors while, at the same time, expanding proton's effectiveness in the treatment of numerous other diseases and conditions," Slater reported during the History Wall unveiling ceremony.

According to Slater, the future of proton use includes expanded treatment for pediatric tumors as well as for gastrointestinal diseases including esophageal, lung, and liver tumors. Proton therapy is also being studied as a potential treatment for heart disease and post-traumatic stress disorder.

Modern medical practices, including the use of proton radiation therapy, have led to a growing population of cancer survivors in the country. Survivors now number more than 14 million, or one in 25 Americans. "A quarter century has seemed to pass in the blink of an eye, and we are proud of our accomplishments that have helped save thousands of lives," Slater shares. "We look forward to the next 25 years and helping more people live the lives they deserve."

SAC Health System celebrates 20 years of health care to San Bernardino residents

By Jiggs Gallagher

The Social Action Community (SAC) Health System celebrated 20 years on the site of the old Norton Air Force Base clinic in San Bernardino on October 23.

The organization will move its headquarters and main clinic to the Loma Linda University Health—San Bernardino site this coming spring.

SAC Health System was the creation of Loma Linda University medical and other health care students in 1968,

including a senior medical student named Richard Hart, who went on to graduate from Loma Linda University School of Medicine the following spring.

He and his older brother, Kenneth Hart, MD, and their wives respectively—Judy Hart, RN, and Dynnette "Dee" Hart, DrPH—were founding members of the outreach effort to provide the surrounding underserved communities in the San Bernardino region with low- or no-cost health care.

Richard Hart went on to become president of Loma Linda University Health, a position he holds today. His brother, Kenneth, also a physician, has spent many years as medical director of SAC Health System.

Nancy Young, CEO of SAC Health System, welcomed guests to the celebration. Young mentioned that she has been CEO for 16 years.

SAC Health System is currently the largest provider of MediCal services in San Bernardino and has been for a number of years. In addition to the Norton Clinic, the organization operates two other clinics in the region—SAC Arrowhead and SAC Frazee.

SAC Health System currently serves approximately 50,000 patients each year with primary and specialty health care.

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SAC Health System has truly been a family effort for the Hart brothers and their wives. Above, Nancy Young, center, CEO for SAC Health System, reminisces with, from left: Richard Hart, MD, DrPH, president of Loma Linda University Health; Judy Hart, RN, who has led out and served on the nursing staff at SAC Norton Clinic for many years; Kenneth Hart, MD, medical director of SAC Health System; and Dynnette "Dee" Hart, DrPH, emeritus associate dean of LLU School of Nursing and also a part of the nursing staff leadership at SAC Health System.

Many Strengths. One Mission.

LOMA LINDA UNIVERSITY HEALTH : LOMA LINDA UNIVERSITY | SCHOOL OF ALLIED HEALTH PROFESSIONS | SCHOOL OF BEHAVIORAL HEALTH | SCHOOL OF DENTISTRY | SCHOOL OF MEDICINE | SCHOOL OF NURSING | SCHOOL OF PHARMACY | SCHOOL OF PUBLIC HEALTH | SCHOOL OF RELIGION | LOMA LINDA UNIVERSITY MEDICAL CENTER UNIVERSITY HOSPITAL/ADULT SERVICES | LOMA LINDA UNIVERSITY CHILDREN'S HOSPITAL | LOMA LINDA UNIVERSITY MEDICAL CENTER EAST CAMPUS | LOMA LINDA UNIVERSITY BEHAVIORAL MEDICINE CENTER | LOMA LINDA UNIVERSITY SURGICAL HOSPITAL | LOMA LINDA UNIVERSITY MEDICAL CENTER—MURRIETA | HIGHLAND SPRINGS MEDICAL PLAZA

New global initiative brings dermatological telemedicine to rural communities on the African continent

By Courtney Haas

In the United States, access to medical specialists, health care facilities, and technology are much more readily available. But in other parts of the world, this is not always the case.

Telemedicine is the combination of telecommunication and information technologies that allows physicians to provide clinical health care consultations at a distance—perhaps in a neighboring city, a different state, or even a different country. This new protocol is helping to bridge the gap encountered when dealing with long distances and remote areas and, most important, improving and demonstrating that telecommunication can help save lives.

With the idea of making health care available to a much broader audience, dermatopathology fellow Ashley Hamstra, MD, and dermatology resident Travis Morrell, MD, MPH—with the support of Adventist Health International (AHI) and the Global Health Institute (GHI)—have created a teleconsultation program dubbed AHI Global Dermatology. This service is available to clinicians at AHI-affiliated mission hospitals and clinics throughout Africa.

Why would two young dermatology physicians have the idea to start a teledermatology consultation service in Africa? When asked this question, the response was simple.

“We believe human dignity is



Above: Malamulo Hospital in Malawi will serve as the first tele-dermatopathology laboratory.

Right: Ashley Hamstra, MD, center, receives the Dermatologist from the Heart grant on October 15. With her are Tom Rohrer, MD, left, Mohs surgeon and grant competition judge; and Tyler Steel, right, vice president of La Roche-Posay Medical and Media Relations.

universal—not simply a geopolitical term,” Hamstra says. “We saw a real need and felt spiritually called to do something about it.”

For nearly a year now, Hamstra and Morrell have been providing free teleconsultations with limited pathology

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SAC Health System celebrates 20 years of health care ...

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A major development will take place in late spring of 2016, when a new facility, Loma Linda University Health—San Bernardino, opens on G Street near the Interstate-215 Freeway in downtown San Bernardino.

The space will more than double the size of the SAC Norton clinic, which will remain open to serve clients in east San Bernardino.

The new building will also house the San Manuel Gateway College to train students for entry-level health care professions. The facility will also feature a vegetarian restaurant to introduce people to healthful and tasty eating.

At the October 23 celebration, Kenneth Hart, MD, recounted the history of SAC Health System, which was founded by Loma Linda University students in an abandoned farmhouse in the Bryn Mawr area of Loma Linda.

“The volunteer program nearly died a number of times in the early years,” he recalled, “but we kept bouncing back. During the 1980s, an economic recession drove jobs away from the area, and patient lines dramatically increased.”

He also referenced the independent structure of SAC Health System, noting the organization and Loma Linda University Health are “no longer married, just living together.”

In the early 1990s, officials began to look for a larger space. When the Norton Air Force Base was closed by the U.S. Department of Defense, they began looking at its former clinic space. SAC Health System was able to secure the space from the City of San Bernardino for \$1-per-year rent. However, the clinic buildings needed considerable

renovation to make them usable.

President Hart looks forward to the move to the new San Bernardino campus in mid-2016. “We originally bought seven-and-a-quarter acres, and have expanded it to nine-and-a-half acres currently,” he shared. “The San Manuel Gateway College will have three levels of education taking place in one building,” he added. “Medical residents will be supervising and working with current medical school students,” he noted, “and those, in turn, will work with high school students and recent high school graduates from the community, studying toward entry-level medical jobs.”

“I believe this community can help answer important questions for our whole country,” Hart said, indicating that success in this project could lead cities around the nation to adopt this kind of public-private model for training students for medical careers while treating those in need.

“I hesitate to go beyond humility by saying ‘I have a dream.’ But I do have a dream—in 1970 San Bernardino was a City of the Year. I believe we can get there again.”

Awards were presented to both Richard and Kenneth Hart and their wives for their founding work in creating SAC Health System.

A special award honored Nancy Young’s 16 years as CEO, and Young presented a special appreciation to Martha Valencia, community health benefit manager of Kaiser Permanente Fontana, for support of SAC Health System programs over many years. Mayor Carey Davis of San Bernardino presented Young with a Certificate of Recognition for service to the community.



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Loma Linda University Health employees enjoy excellent health care benefits and low premiums

By Larry Kidder

Rising health care costs continue to result in higher premiums, deductions, and co-payments for millions of workers across the United States.

Even those who have acquired insurance as a result of the Affordable Care Act will experience premium, deduction, and co-payment increases in 2016 that, in some cases, will approach double digits due to major losses by insurance companies taking part in the ACA marketplace in 2015.

But full-time employees, spouses, and dependents in the Wholeness Plan at Loma Linda University Health will continue at current levels for premiums and co-payments in 2016.

More than 25 years ago, Loma Linda University Health created its own health insurance company to cover employee health costs. That foresight has allowed the organization to function much differently from other organizations, which are at the mercy of outside health insurers.

"It helps that we're self-insured," says Mark Hubbard, MBA, senior vice

president for risk management. "That allows us to keep our employees insulated from rising health care costs."

Even though the organization's costs per individual employee or family have risen significantly over the years, administrators have chosen to hold steady the employee portion of the health plan.

"Even a small increase in an employee's contribution to health insurance has a major impact on some families," Hubbard explains, "especially those with lower household incomes."

Health insurance premiums for Loma Linda University Health employees, when compared to other similar insurance providers in Southern California, stand at less than 50 percent.

Co-payments are at equally low levels in comparison to the marketplace. And the Risk Management insurance plan has never used deductibles.

Since 1999, full-time employees at Loma Linda University have seen their rates increase by just \$5 per month for individuals (to \$35; nearly 17 percent increase) and \$15 per month for families (to \$330; nearly 5 percent increase). In contrast, between 2004 and 2014, the average worker contributions for health care rose by more than 80 percent.

"These are some of the benefits for working at Loma Linda," Hubbard shares. "At the end of the day, individuals and families have more money left over for their household budgets."

As employees and their dependents plan for their health care in 2016, here are some important facts to keep in mind:

- There will be no increase in premiums or co-payments in 2016 for full-time employees on the Wholeness Plan.
- The requirements to join the Wholeness Plan will continue unchanged, with biometric screening, completion of a health risk assessment, and activation of a My LLU Health account.
- Individuals signed up for the Wholeness Plan who do not complete their requirements will be reassigned to

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New global initiative brings dermatological telemedicine to rural communities on the African continent ...

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resources. Recently, they received a dermatology humanitarian grant, titled Dermatologist from the Heart, from La Roche-Posay. The grant money is being matched, dollar for dollar, by AHI,

raising \$20,000 to help the program get up and running.

"We plan to build our first teledermatopathology laboratory at Malamulo Hospital in Malawi," Hamstra shares. "We chose Malawi because it is the third

poorest country in the world, and to our knowledge there is no permanent dermatologist or dermatopathologist in the entire country."

Just this year, Malamulo celebrated 100 years of healing. This rich history helped to make it a model location for the first lab. Malamulo is also designated as Loma Linda University Health's only field station, serving as a temporary home for residents on rotation.

Morrell comments that an invaluable asset for project is the fact that AHI, GHI, and several LLU residencies have already established strong connections with the staff at Malamulo Hospital.

"The history of Malamulo Hospital itself is incredible," Morrell explains, "more than 100 years running, now with residency programs for physicians from Africa through the Pan African Academy of Christian Surgeons (PAACS) program, a College of Health Sciences, a sister hospital in Blantyre, and 13 satellite and mobile clinics working to serve rural and urban Malawians—this foundation, history, and wide local and international support makes Malamulo Hospital an ideal place to start a teledermatopathology lab."

Next fall both Morrell and Hamstra will travel to Malamulo to assemble the lab. Though it is starting small, this laboratory will serve as the foundation for growth as the idea begins to generate more funding.

The combined La Roche-Posay and AHI grants will also start an annual week-long dermatology course, better equipping local clinicians to treat neglected tropical diseases and other dermatologic conditions for a region of nearly a million people.

"Telemedicine is catching on fast here in the Western world," points out Richard Hart, MD, DrPH, president of Loma Linda University Health and AHI, "but it has the most to offer in developing countries where specialty support is rare."

Hart continues, "This initiative is just the beginning of how technology can provide a great resource to isolated mission doctors on the front lines struggling with difficult diagnoses and treatment plans. Kudos to Ashley and Travis for making this happen in dermatology."

"Our goal is simple," Hamstra reveals, "to empower rural clinicians in Africa to provide better dermatologic care. We hope to be a brick in the road to a healthier Africa."

Loma Linda University Health System
Department of Plastic Surgery

— Presents —

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LOMA LINDA UNIVERSITY
HEALTH SYSTEM
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MANY STRENGTHS.
ONE MISSION.

The Children's Hospital and Proton Treatment and Research Center: a rare combination

By Larry Kidder

The first hospital-based proton treatment center in the world was built at Loma Linda University Health back in the mid-1990s. The organization currently holds the distinction of being the only place in California where a major children's hospital and a proton therapy center exist side by side—literally within steps of each other.

Researchers and physicians at the James M. Slater, MD, Proton Treatment and Research Center continue to lead in educating the world about the benefits of proton therapy, as well as studying new ways to use proton therapy to help patients.

The Proton Treatment and Research Center at Loma Linda is no longer the only center of its kind. According to the National Association for Proton Therapy, of which the James M. Slater, MD, Proton Treatment and Research Center is a member, 15 member centers are currently operational, with another 10 under construction. A 16th non-member center exists in Massachusetts.

"I really don't see it as increased competition," says Jerry Slater, MD, son of founding pioneer, James M. Slater, MD, and current director of the Proton

Treatment and Research Center at Loma Linda. "We now have more centers where additional protocols can be developed to treat more forms of cancer and other diseases. This is good news for the patient."

Once a new protocol is developed to treat a disease or irradiate a new site, it can be shared among the various centers, saving years of research and trials.

One area that has tremendous potential is the treatment of children. "Kids are still growing," Slater explains. "For that reason, we try to avoid traditional radiation and rely on chemotherapy and proton therapy so that children can continue to grow normally."

Currently, children with brain tumors and bone cancers are the most likely to receive radiation in addition to chemotherapy. Proton therapy enables radiation specialists to take advantage of the accuracy of protons, limiting injury to normal tissue surrounding a treatment site.

"A child's brain is still forming, so we want to reduce the impact of radiation as much as possible," Slater points out. "With protons, the side effects are much less, and this is particularly beneficial to children."

The Proton Treatment and Research Center at Loma Linda University

Health will be adding a new mode of proton therapy in the coming months. For the past decades, scattered-beam proton therapy has been the standard.

But while scattered-beam treatment is ideal for well-formed tumors with clear borders, active-beam proton therapy will allow clinicians to irradiate larger, less-delineated cancers, such as those that spread down the back through the spinal cord of a child from a

tumor source in the brain.

"We will replace the focusing nozzle in one of our gantries," Slater details, "from a scattered-beam to an active-beam nozzle." He continues, "We also plan to replace the current patient treatment table with a robotic version."

With new protocols for more types of cancers and other diseases, Slater has no doubt that proton therapy will become far more routine and accepted—especially for treating children. "When you can deliver more radiation with more accuracy to a tumor," he shares, "patients ultimately benefit."



Proton therapy is an ideal tool for treating children with various cancers and brain tumors. Since they are still in the process of growing, the precision of proton treatment reduces the damage to surrounding tissues that are still in various developmental stages.

Team-building program at Drayson Center brings people together through play

By Larry Kidder

The philosopher Plato was quoted, "You can learn more about a person in an hour's worth of play than a full day of conversation."

Ron Cronk, manager of Loma Linda University Drayson Center's intramurals program, has put those words to the test through his innovative team-building "Day of Play" program. LLU classes, departments, offices, and church and professional groups have all benefited in strengthening relationships with one another in this fun environment.

The incoming and second-year classes in the radiation technology program in the School of Allied Health

Professions took part in a "Day of Play" at the beginning of the new school year. Brenda Boyd, PhD, assistant professor of radiation technology, and Will Edmunds, instructor in radiation technology, have organized days of play for beginning and returning students for a number of years now.

"We want the students to get to know each other in an informal way," Boyd explains. "We also want them to work as teams and get some exercise at the same time."

Over the years, Cronk has collected and created dozens of games that require teamwork and physical activity but don't demand specific skills. Everyone can take part—which is the idea

behind his program.

"These activities are created to bring out the best in people—their camaraderie, competitiveness, and their good-natured winning and losing," Cronk explains, "and to bring back memories of our more playful days."

Cronk spent much of his career teaching physical education to elementary and junior high school-aged young people

before joining the intramural staff at Drayson Center.

Among his collection of games are: Swamp Crossing, Water Relay, Hula Hoop Team Challenge, Trough-n-Ball, Chicken Relay, Inner Tube Relays, Launch-n-Catch Relay, Water Bag Team Toss, Wacky Olympics, and more.

To find out more about planning a "Day of Play," contact Cronk at 909-558-4975, rcronk@llu.edu, or extension 43357, or Bess Getman, events coordinator, at the same phone number, extension 87233, or at bgetman@llu.edu.



Ron Cronk, intramurals manager at LLU Drayson Center, supervises a "day of play" for first- and second-year students in the radiation technology program.

More than 2,000 people attend Family Health Fair and 5k run



More than 2,000 members from communities surrounding Loma Linda University Health attended the annual Family Health Fair and 5k run, held Sunday, November 1. LLU Drayson Center hosted the event in its Opsahl Gymnasium, and 64 exhibitors were on hand to share health-related information, screenings, services, and products. The day began at 7:30 a.m. with a 5k run, with 1,659 registered participants. Individuals receiving medals for the race included a 7-year-old and a 77-year-old. By Larry Kidder

LLUH employees enjoy excellent health care benefits and low premiums . . .

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the base plan, with higher premiums and co-payments, and eligibility to reapply at the next open enrollment period.

- November 1 to 16 was the current open enrollment period; changes will take effect January 1, 2016.
- E-visits will become available in 2016 during the first quarter as part of a pilot program. Members of the family

medicine department will oversee this benefit. More information will be shared as it becomes available.

"As we head into a time of major change to our campus, we are committed to keeping down health care costs for our employees," Hubbard details. "We are invested in the livelihoods of our employees and their families, and trust that they are equally invested in working at Loma Linda University Health."

Dishes for Wishes raises more than \$56,000 for Children's Hospital

By James Ponder

The 2015 installment of Dishes for Wishes, the culinary fundraiser hosted for the past 16 years by the Big Hearts for Little Hearts Loma Linda Guild, raised more than \$56,000 to purchase special equipment for the neonatal intensive care unit (NICU) at Loma Linda University Children's Hospital (LLUCH).

The event was held Wednesday, October 21, in the Renaissance Room at the National Orange Show Events Center in San Bernardino.

According to Josh Zahid, guild manager, more than 370 guests attended the event. Zahid notes that people loved the food and enjoyed supporting the members of local law enforcement agencies who served as waiters.

After a welcome from Guild President Dixie Watkins and an invocation by Jillian Payne, MBA, executive director of the LLUCH Foundation, members of the audience received an up-to-the-minute update from Rachele Bussell, CFRE, senior vice president for advancement, and Kerry Heinrich, JD, CEO of LLUCH, on several projects and programs currently underway at Children's Hospital.

Douglas Deming, MD, chief of neonatology at LLUCH, delivered the keynote presentation of the evening. In his remarks, Deming made it clear that he loves taking care of babies and that he is very grateful to the guild for its support.

"Historically, the guild has given a lot of gifts to the NICU—it goes back for years," he said. "I know that last year they donated mobiles to give the babies something to focus on, and baby-sitting chairs to enable nurses and parents to cuddle the babies."

Deming went on to recall the joyful scene that ensued when guild members brought the gifts to the unit wrapped in Christmas paper during the chief's rounds.

"Since the babies couldn't unwrap them, we got to do it," he noted. "Guild members are a wonderful group of people—so gracious with their time and money."



An officer from the San Bernardino County Sheriff's Department beams as she displays the dollar florets placed on her uniform by appreciative guests at the Dishes for Wishes culinary fundraiser, which was sponsored by the Big Hearts for Little Hearts Loma Linda Guild on October 21. The dollars were donated to benefit the patients of Loma Linda University Children's Hospital.

But it was bright-eyed, one-and-a-half-year-old Jayden Wiggins who positively stole the show. While his mother, Sophia, told the story of how Jayden and his twin brother, Jordan, came into the world during their 26th week of gestation, the lively little boy captivated the audience with his incessant charm. Weighing in at a meager 2 pounds, 1.9 ounces at birth, Jayden faced daunting odds that gave him a mere 25 percent chance of survival. Tragically, his brother did not survive, but thanks to the dedicated care and lifesaving technology of the NICU, Jayden was able to transfer out of the unit 81 days later, and has been living happily and healthfully ever since.

Jayden would have been a hard act to follow, but not for Martha Green. The legendary Redlands celebrity chef, restaurateur, and radio host took the stage with aplomb and never looked back. Sharing tidbits from her love life—72-year-old Green joined a dating service following her husband's passing two years ago and admitted she has "kissed all the frogs in the Inland Empire" since then—she eventually transitioned to the official topic of the evening: food.

As she talked, the animated hostess mixed the ingredients for Steamed Pumpkin Pudding with Warm Maple Pouring Sauce in a large bowl. As she spoke, officers from local police, sheriff, and firefighting agencies began serving the delicious concoction to attendees. The officers playfully flirted with attendees who stuffed dollar bills—sometimes folded into fancy patterns—into their belts and pockets. Green reminded guests that every dollar given to the servers would help the guild purchase needed equipment for the NICU.

For the next two hours, attendees feasted on all kinds of delectable edibles. Najwa Medina, owner of Najwa's Mediterranean Cuisine in Loma Linda, set out portions of her Lentil Soup and Quinoa Tabbouleh. Sabine Belhacene, owner and chef at Chez Sabine in Redlands, offered Zucchini-Spinach Quiche. David Saverino who, with his wife Veronica, owns Saverino's Italian Deli & Market in Redlands, brought Italian Caprese Skewers and Basil Pesto.

When Justine Campbell, RD, NTP, owner of Alo Wellness, also of Redlands, came to the stage to discuss how to make her Fresh Green Bean Casserole, she won accolades for demonstrating that a commitment to good health and nutrition need not mean that food has to taste boring.

Dennis Avants, co-owner with his wife, Teresa, of Tess' Place in Loma Linda, brought out his Butternut Squash Lasagne and emphasized the importance of boiling the pasta sheets that form the foundation for the dish until they are just al dente. For the final culinary presentation of the evening, Michael Montano, co-owner of Mitrá Café of San Bernardino, served up the Green Chile and Cheese Tamales that Green says have been a staple of Inland Empire cuisine since 1937. Montano noted that normally he makes tamales with lard, but in honor of the longstanding Loma Linda tradition of plant-based nutrition, he used vegetable shortening for the event. He also said he is happy to prepare the tasty dish with vegetable shortening for customers in the restaurant upon request.

As the evening came to an end, Dixie Watkins, co-founder and current president of the guild, and Eloise Habekost,



Celebrity hostess Martha Green (upper level) leads members of the local law enforcement community and guests at the Dishes for Wishes fundraiser in a birthday cheer for Rachele Bussell, CFRE, senior vice president for advancement at Loma Linda University Health (brown jacket), on October 21. Altogether, the event raised more than \$56,000 to help the Big Hearts for Little Hearts Loma Linda Guild purchase needed equipment for the patients of Loma Linda University Children's Hospital.

co-founder and former president, came up to the stage to present Green, Penny Moores, guild treasurer, and Angie Temple, coordinator for the event, with gifts, hugs, and accolades for the success of the festive evening.

Looking back, Watkins is very pleased with the way the event turned out.

"The Big Hearts for Little Hearts Loma Linda Guild was delighted, once again, with the amazing support from all involved," she observes. "Our own

Martha Green, the talented chefs, generous attendees and servers, gracious members of the Children's Hospital administration, vendors, and most of all, Angie Temple, Penny Moores, and the guild board really came together to make this a grand success. Thanks to the generosity of everyone who attended and supported this event, we were enabled to purchase all the items we had hoped and planned to buy for the NICU. All in all, it was a wonderful evening!"

Newborn Brain Symposium packs Wong Kerlee

By James Ponder

Newborn brain development is a hot topic in the world of neonatal and pediatric medicine these days.

That was strongly attested on Wednesday, September 2, when more than 200 people packed the Wong Kerlee International Conference Center for the first-ever Care of the Newborn Brain Symposium at Loma Linda University Children's Hospital.

According to Dorothy Forde, MSN, clinical educator for the neonatal intensive care unit (NICU), the significance of the event reaches far beyond the Inland Empire.

"This was actually the very first newborn brain symposium in all of Southern California," Forde observes.

"The conference covered a variety

of topics," notes Andrew Hopper, MD, co-medical director of the Neuro NICU at LLUCH. "Afternoon breakout sessions covered neuro-diagnostic techniques including the use of amplitude-integrated EEG and near-infrared spectroscopy to measure cerebral tissue oxygen saturation, diagnosis and recognition of seizures, and neuroprotective care in action."

Raylene Phillips, MD, also a co-medical director of the Neuro NICU at LLUCH, describes the context for the current increased interest in the newborn brain.

"Historically," Phillips observes, "neonatology has focused on caring for immature lungs and hearts, but has paid relatively less attention to the very immature and rapidly growing brain. We have learned a great deal about the

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More than 200 people attended the Care for the Newborn Brain Symposium of Loma Linda University Children's Hospital, which was held September 2 at Wong Kerlee International Conference Center. Organizers plan to make it an annual event.

Graduate student discovers cannibalized Tyrannosaurus bone

By James Ponder

His findings may not support the Loma Linda emphasis on plant-based nutrition, but a 26-year-old graduate student in the department of earth and biological sciences at Loma Linda University School of Medicine (LLUSM) recently discovered that *Tyrannosaurus rex*, the ferocious fanged dinosaur of the Cretaceous era, was a cannibal.

Matthew McLain presented his findings at the 2015 annual meeting of the Geological Society of America, which was held in Baltimore, Maryland, November 1-4. He also authored an abstract, which the society published under the title, "Tyrannosaur Cannibalism: a Case of a Tooth-Traced Tyrannosaur Bone in the Lance Formation of Eastern Wyoming."

"A lot of paleontologists have been suspecting that cannibalism was going on in tyrannosaurs," McLain observes.

According to the article, the yellow-brown fossil "is heavily marked with several long grooves on its cortical surface all concentrated on the bone's widest end." To the untrained eye, the grooves look like a series of erratic scrape marks; yet on closer examination—and especially when viewed under a microscope—they reveal the serrated patterns of the predatory animal's teeth.

The paleontological smoking gun is not entirely without controversy, however.

"Most people say there's only one species of tyrannosaur in the Lance Formation," McLain reports, "and that is *Tyrannosaurus rex*, or *T. rex*. But a few say there is also another species known as *Nanotyrannus lancensis*. Based on the size of this bone, this could possibly be a case of *T. rex* eating a *Nanotyrannus*. But it could also be a juvenile *T. rex* being eaten by an adult. Most paleontologists think *Nanotyrannus* is just a juvenile *T. rex* anyway."

To find out, McLain plans to compare the bone to *Tyrannosaurus* bones in other collections. If that doesn't resolve the mystery, he says researchers may slice through the sample and examine it in cross-section to see if the animal in question was finished growing at the time it died. "If it wasn't, most people will say it's a young *T. Rex*," he says. "I'm inclined to agree with that and most researchers are, too."

One of McLain's two mentors on the Lance Formation dig—Arthur V. Chadwick, PhD, research professor of biology and geology at Southwestern Adventist University—suggests that *Nanotyrannus* may actually be a new species. His other mentor on the project, Leonard R. Brand, PhD, professor of

biology and paleontology at LLUSM, says that because of the current disagreement over whether *Nanotyrannus* is a separate species, it can be difficult to ascertain for certain the type of dinosaur the bone represents.

In addition to McLain, Chadwick, and Brand, Bethania Silveiro, a PhD student at LLUSM, and David Nelsen, professor of biology at Southern Adventist University, contributed to the evaluation of the bone.

Even though the exact type of tyrannosaur is somewhat in question, McLain says it's a pretty amazing finding just the same.

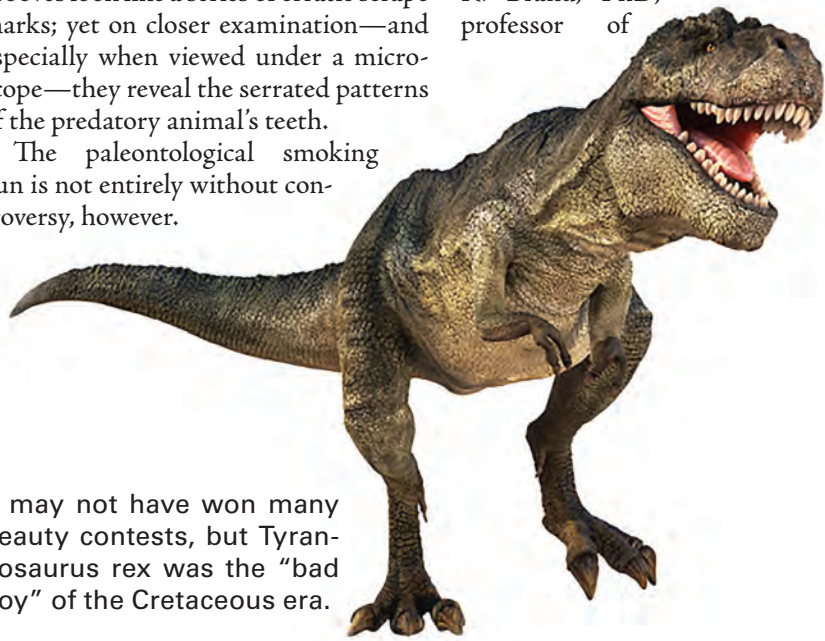
"This finding is telling us a lot about the way dinosaurs were behaving," he says. "Since this was one of the bones of the hind leg, we can assume that it was eaten after the animal was already dead."

Continued next page



Above right: Matthew McLain, a graduate student at Loma Linda University School of Medicine, made headlines for the second time in his doctoral education when he announced, at the 2015 annual meeting of the Geological Society of America, that *Tyrannosaurus rex*, the ferocious, fanged dinosaur, was a cannibal. Last year, McLain came to international prominence in the paleontological community for creating an interactive database of all known pterosaur findings in the world.

Above: Serrated bite marks on the bones of a *Tyrannosaurus rex* dinosaur from the Lance Formation in Wyoming were made by another member of the same species. The discovery led Loma Linda University School of Medicine graduate student Matthew McLain to conclude that the fearsome creature was a cannibal.



It may not have won many beauty contests, but *Tyrannosaurus rex* was the "bad boy" of the Cretaceous era.

Annual Cops For Kids Fly-In takes over campus mall

By Briana Pastorino

Law enforcement from all over Southern California invaded the Loma Linda University Children's Hospital campus last week—but for good reason: to put some smiles on the faces of patients being treated at the hospital.

Attendees clapped and cheered as four helicopters, a motorcade of police motorcycles, multiple squad cars and three SWAT vans made their way onto the north lawn of the campus during

the 17th annual Cops for Kids Fly-In Tuesday, October 20.

After the grand entrance, patients and their families were invited to meet officers and take photos with the bikes, cars, choppers and vans.

LLU Medical Center CEO, Kerry Heinrich acknowledged participating law enforcement for their contribution to the event. "I cannot tell you what a difference coming here makes. You make an impression on these kids, so thank you again on behalf of our patients!"



Participating law enforcement and organizations were Riverside Police Department, Sheriff and dispatch; Glendale Police Department; Ontario Police Department; Redlands Police Department; San Bernardino County Sheriff Department and SWAT; San Bernardino Police Department, air support and California Highway Patrol; Los Angeles Police Department; Moreno Valley Police; United States Marine Corps Reserve Toys for Tots; and AIRBUS helicopter.

Newborn Brain Symposium . . .

Continued from page 5

best ways to care for other vital organs, and now we must include the care and protection of the newborn brain." Hopper and Phillips have collaborated with the department of child neurology to create a Neuro NICU at LLUCH for this purpose. The symposium was another way to increase knowledge and awareness about the importance of the newborn brain.

Billed as a one-day course "for those who want to journey into the brain of the neonate," a promotional flyer for the symposium promised an investigation into "the exciting new science of neurocritical care and brain monitoring" to enable practitioners to "treat and even prevent neurological impairments for some babies."

The babies in question are perinatal or neonatal infants. In general, during the period between the 28th week of gestation and the seventh day of life, babies are considered perinatal. From the seventh day through the first month of life, they are called neonates.

The symposium's distinguished guest faculty members included:

- Alexis Davis, MD, MS, associate NICU medical director at Good Samaritan Hospital, San Jose, and
- Courtney Wusthoff, MD, MS,

assistant professor of neurology and neurological sciences at the Lucile Packard Children's Hospital, Stanford University

Loma Linda University School of Medicine faculty members included:

- Adam Czynski, DO, assistant professor of pediatrics, division of neonatology
- Donna A. Goff, MD, assistant professor of pediatrics, division of cardiology
- Andrew O. Hopper, MD, co-medical director, Neuro NICU, LLUCH, and professor of pediatrics, division of neonatology
- Paggie Kim, MD, assistant professor, department of pediatric radiology and neuroradiology
- Raylene Phillips, MD, co-medical director, Neuro NICU, LLUCH, and assistant professor of pediatrics, division of neonatology
- Smyrna Tuburan, MD, assistant professor, department of pediatric radiology.

Davis and Wusthoff addressed the audience during morning and afternoon sessions and joined Loma Linda faculty members in panel discussions throughout the day.

Mahmoud Torabinejad to receive Edgar D. Coolidge Award

By James Ponder

One of Loma Linda's finest researchers, professors, and dental health providers has been named the winner of the 2016 Edgar D. Coolidge Award from the American Association of Endodontists (AAE).

Mahmoud Torabinejad, DMD, PhD, MSD, professor of endodontics at Loma Linda University School of Dentistry, is scheduled to receive the award during the association's annual meeting on April 8, 2016, at the George Moscone Center in San Francisco.

Torabinejad's achievement is significant for two reasons: first, the Coolidge Award is the highest honor the association bestows on practitioners. Second, Torabinejad will become the first person in history to receive a total of four high honors from the AAE.

Besides Torabinejad, only two iconic AAE members have received even three awards—his mentor Henry J. Van Hassel, DDS, former *Journal of Endodontics* editor, and I. B. Bender, DDS, chairman emeritus of dentistry at Albert Einstein Medical Center in Philadelphia. Which means, of course, that Torabinejad, with four awards, is in a class by himself.

Recognized around the world as one of the towering giants of his field, Torabinejad is quite likely the single most recognized endodontist in the world. In support of his nomination, a number of leading AAE members—including four former AAE Presidents and three former Coolidge Award winners—wrote letters of recommendation to the organization's honors and awards committee. These individuals were profuse in their praises.

Former AAE President James C. Kulild, DDS, MS, said Torabinejad, "has contributed materially to the successful progress of endodontic research and treatment," noting that Torabinejad is cited more often than any other author in the field. "What a tremendous accomplishment and a sign of the significance of his work and those of his colleagues," Kulild exulted.

Former Coolidge Award winner Joseph D. Maggio, DDS, observed that Torabinejad "has dedicated his life to teaching, research, and the American Association of Endodontists."

Former AAE President Jerome V. Pisano, DDS, MS, another Coolidge Award winner, stated that Torabinejad "should and must be recognized for his dedication and leadership in the AAE," adding that, "no one is better qualified to receive the next Edgar D. Coolidge Award."

Gerald C. Dietz, DDS, a Coolidge Award winner and former AAE president, cited the fact that Torabinejad has held numerous state, national, and international leadership positions including the presidency of the AAE, the AAE Foundation, the Southern California Academy of Endodontics, and the California State Association of Endodontists.

Dietz pointed out that Torabinejad:

- Completely restructured the format of scientific presentations for AAE members and residents during his tenure as Chair of the Research and Scientific Affairs Committee (RSAC)
- Secured funding for competitive resident presentations to the RSAC
- Served one term on the AAE's Educational Affairs Committee and one term on the AAE Foundation

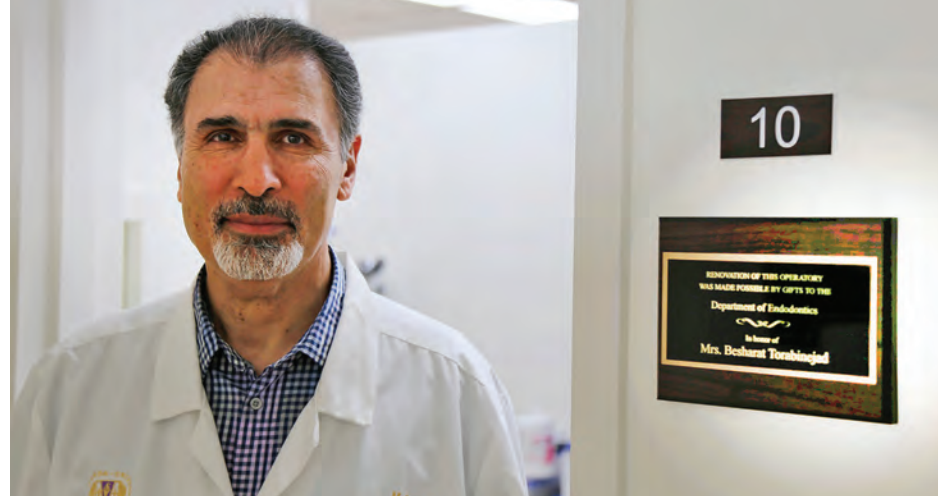
Dietz and other Torabinejad supporters expanded on his transformation of the AAE Foundation.

"No one can ever forget his nearly single-handed resurrection of the AAE Foundation and its eventual booming success," Pisano stated. "He has been an ambassador for our specialty all over Europe, Asia, and the Middle East."

Dietz said Torabinejad's volunteer service to the AAE "resulted in restructuring the Endowment and Memorial Foundation of the AAE and building our prestigious AAE Foundation. Without restructuring of our prestigious AAE Foundation—which is the envy of other dental specialties—we would not have been able today to spend millions of dollars in support of vital research and educational programs."

Maggio agrees. "Perhaps Mahmoud's greatest contribution was to the foundation," he affirms. "He was solely responsible for making the foundation the envy of all the other specialty foundations with his fundraising efforts when our foundation was struggling and underfunded. The foundation now oversees grants for endodontic research, graduate student research, and stipends for teachers of endodontics, and supports activities that generate knowledge that enhance endodontics. The prestige of our specialty is elevated by our foundation."

Kulild adds a very strong endorsement of his own. "His unselfish efforts were instrumental in making the AAE Foundation one of the great dental philanthropic organizations emulated by other dental organizations," he wrote. "His work as one of the early pioneers of this great organization is worthy of great praise."



Mahmoud Torabinejad, DMD, PhD, MSD, stands next to a plaque dedicated to the memory of his mother.

Louis Rossman, DMD, the current Foundation for Endodontics president, says Torabinejad left a powerful legacy.

"The AAE Foundation would not be the success it is today without Mahmoud Torabinejad," Rossman acknowledges. "We are about to explore a new future through strategic planning. So, this is an especially meaningful time to honor his contribution. Mahmoud had the original vision for what this organization could become. He was among a handful of people who had the courage to dream big and the conviction to pursue lofty goals. We cannot thank him enough."

In transitioning to academics, Maggio noted that Torabinejad "continues to teach worldwide and may be one of the most recognized endodontist researchers in the world."

The visiting scholar program at LLUSD caught the attention of Kulild who noted that Torabinejad has educated, trained and inspired many endodontic researchers. "These researchers are currently conducting significant investigations in China, Italy, Iran, Japan, Malaysia, Singapore, South Korea, and other countries. His efforts have significantly influenced the course of endodontic research and clinical treatment worldwide."

Dietz shared that Torabinejad stressed the importance of integrity in dental education and initiated the groundwork for endowed endodontic chairs around the U.S., including the Buell Endowed Professorship at LLUSD.

Dietz and Maggio noted Torabinejad's distinguished service at both Harvard School of Dental Medicine and LLUSD. Maggio recalled that, "Loma Linda recognized him in 2013 with the Distinguished Investigator Award, which encompasses the entire university and not just the dental school." Dietz pointed out that Torabinejad developed mineral trioxide aggregate (MTA), adding that MTA has profoundly impacted the practice of endodontics and improved the outcome of many seemingly hopeless situations while saving countless individuals from tooth extraction. Maggio agreed that MTA "has had a positive impact on any dentist who delivers endodontic services."

But perhaps more than everything else, his peers underscored the importance of Torabinejad's written contribution to endodontics. "He is," Maggio wrote, "the most frequently quoted author of endodontic literature."

Dietz backs up Maggio's assertion with specifics: "His research activities have resulted in authorship of four textbooks, 242 articles in referred national and international dental journals, 88 abstracts, numerous textbook chapters, and a classic endodontic textbook used

widely throughout the world."

Pisano adds that, "the textbook he co-authored with Dr. Richard Walton is used in the vast majority of schools of dentistry."

Torabinejad has not gone unrecognized locally, either. In addition to the previously mentioned Loma Linda University Distinguished Investigator Award, which he received in 2013, Torabinejad is also the recipient of the Loma Linda University Centennial Vanguard Award for Healing (2006), and Distinguished Research Award from LLUSD (2008).

"In a national entrance examination in 1965, I was accepted into schools of military medicine, dentistry, pharmacy, and veterinary," Torabinejad shares. "The main reason I became a dentist was because of my uncle, who was a dentist in Iran. I used to work in his office when I was a kid."

Torabinejad, whose career at LLUSD spans four decades, says two factors have contributed to his professional success.

"The first is the environment at your home and workplace," he says. "My wife, Ashi, has provided me a stable life and has been extremely supportive."

"The second," he continues, "is the people you are surrounded with, your family, friends, and colleagues. I have been blessed with many great personal and professional friends. The environment that Loma Linda has given me has been ideal for me. Dr. Leif Bakland, my excellent mentor, gave me the opportunity to grow. I have had complete support from our two past deans, Drs. Judson Klooster and Charlie Goodacre, and our current dean, Ronald Dailey. Our president, Dr. Richard Hart, provides remarkable leadership. I have lots of respect for that man! I've been offered many chairmanships and even deanships at a number of other universities, but the environment at Loma Linda is the reason I have stayed here."

The most cogent insight of all emerges when Torabinejad reveals why he choose the healing arts over other career options.

"I became interested in the healing professions when I was 12 years old and my father died of cancer," he recalls. "That really changed the direction of my life. I realized I needed to do something to help people. He was a young man who died at the age of 32."

"My mom raised all five of us boys with limited resources," he reveals. "I was the oldest and the youngest was only two months old. She was 29 or 30 when my dad died. She had incredible responsibilities resting on her shoulders. She died three years ago."

"I always mention her in my private and public conversations and lectures," he concludes. "She is my hero!"

Graduate student discovers cannibalized *Tyrannosaurus* bone ...

Continued from previous page

We do see cannibalism in some modern animals like sharks and lions. This is not the only example of *Tyrannosaurus* cannibalism, but it is the best example."

McLain says the Lance Formation runs through portions of Wyoming and the Dakotas. "It's more or less the same as the Hell Creek Formation, which also extends into Montana," he adds. "The Lance Formation signals the end of the Cretaceous Period, the time of the last dinosaurs."

Although there were 30 to 40 people working at the site at the time the fossil was found, McLain says only three or

four of them immediately grasped the significance of the find.

"For me, the amazing thing is that 100 years ago, people would have chucked this broken bone away," he says, reflecting on the fact that current advancements in protocols and technology allow a much higher degree of certitude than in the past. "I think it's really fascinating what you can learn from a broken bone."

McLain is scheduled to graduate with a PhD degree in earth sciences in June 2016. He hopes to continue studying dinosaurs throughout his career. "I want to teach," he concludes, "and I'd like to do research as well."

Legal representatives thanked during counsel appreciation dinner

By Heather Reifsnyder

To thrive, an organization as large as Loma Linda University Health needs an accomplished team of attorneys providing support, guidance and defense. To thank this team, Loma Linda held a counsel appreciation dinner October 19.

Kent Hansen, JD, general counsel, noted that health care is among the most highly regulated industries in the United States, making a legal team of diverse expertise even more vital to the success of Loma Linda University Health.

But at their desks, conference tables, and in courtrooms, these lawyers don't get to see firsthand what their guidance allows. Thus Rachelle Bussell, CFRE, senior vice president for advancement, introduced a father whose young son was treated for leukemia at Loma Linda University Children's Hospital.

The family was so scared, the father said, so frightened that their son's future was in jeopardy. But Children's Hospital became a second home where they felt taken care of. And both his son's pediatrician and a competing hospital told the parents he was being treated at the best place possible.

Today, that little boy is in remission.

Hansen noted that stories like this are possible in part because of the lawyers who support Loma Linda

University Health.

Also possible as a result of its good health system is the excellent clinical training for students and residents that takes place at Loma Linda University Health. LLU can't educate students without patients, noted Roger Hadley, MD, executive vice president for medical affairs and dean of the School of Medicine.

"Growing and maintaining a robust healthy system is not possible without

the guidance of our legal team," he said to the lawyers in the audience. "I appreciate what you do to make us successful."

Kerry Heinrich, JD, CEO of Loma Linda University Medical Center, said, "Colleagues, I have tremendous regard for your ability to solve complicated problems."

He noted the special need for lawyers right now due to building a new hospital during a time of immense change in

the health care industry, including the implementation last year of the Affordable Care Act.

"Thank you each for the part you play in changing lives," Heinrich concluded.

Two attorneys on the team were given special recognition during the dinner—Yee-Yoong Yong and Nate Schilt.

Yong was noted for her talent, ability, tireless work, and the human touch necessary for the service-oriented nature of Loma Linda University Health.

Schilt was recognized for his insight, his thinking, and holding Loma Linda University Health true to its mission while personifying the values of the organization.

Hansen then took a moment to close the evening but was interrupted when President Richard Hart, MD, DrPH, came to the stage and took the microphone. Surprised, Hansen sat down and listened as Hart recognized Hansen's contributions to Loma Linda University Health.

Hart noted that Hansen is a humanitarian, a deeply spiritual individual, and the assembler of the best group of legal counselors that Loma Linda University Health could possibly have. And, Hart said, Hansen has set a pattern for Loma Linda University Health to follow for decades to come.

Heinrich returned to the stage to add a few words about Hansen, whom he called a fearless sentinel for the institution.

"We are forever grateful," Heinrich concluded.



Three of Loma Linda University Health's lawyers were honored during the counsel appreciation dinner. From left are Nate Schilt, JD; Kent Hansen, JD, general counsel; and Yee-Yoong Yong, JD.

Luncheon brings donors and scholarship recipients together from the School of Nursing

By Heather Reifsnyder

Fitting of the woman for whom it was named, the Kathryn Jensen Nelson luncheon November 9

honored trailblazer donors who are advancing the education of future nurses at Loma Linda University School of Nursing. Approximately 70 alumni from the School of Nursing

attended this year's luncheon.

Named after the first dean when the School of Nursing advanced to the baccalaureate level in the late 1940s, the gathering is a time for students and faculty to personally thank donors for their contributions to scholarships, which are then awarded to students.

Becky Bossert, PhD, dean of the School of Nursing, publicly thanked Margaret Kaufman and Alison and Obby Agins for the establishment of two new scholarship funds for students at the School of Nursing.

Kaufman established the Dora and Zacker Elloway Scholarship Fund, which provides support for

undergraduate students who demonstrate community service and leadership skills, who have financial need, and who maintain a B average in their studies.

The Agins established the Obby and Alison Agins Scholarship Fund, which provides support for undergraduate students who are members of the Seventh-day Adventist Church and demonstrate educational challenges such as having a family to support, being a single parent, or pioneering in their families as a first-generation college student.

Associate Dean Barbara Ninan, EdD, interviewed scholarship recipient Christian Carias about his time at Loma Linda

Continued next page



Scholarship donor Alison Agins meets recipient Christian Carias.

Clark's Nutrition provides cooking demo for Children's Hospital patients and staff

Clark's Nutrition Natural Foods Market hosted its first ever cooking demonstration for patients, their families and staff at Loma Linda University Children's Hospital (LLUCH) Hematology/Oncology Clinic Thursday, November 5. Clark's educator, Lindsey Shahin, along with two other Clark's team members showed attendees how to make quick and tasty organic snacks for the whole family to enjoy. The team demonstrated how to prepare coconut peanut butter energy balls, chocolate Greek yogurt fruit dip and super greens apple juice. In addition to tasting the organic snacks, attendees of the class were also sent home with the recipes. In the photo, Aqiwo Battiest, 3, taste tested and approved the energy balls that were made during the cooking demonstration. By Briana Pastorino



Three deans of the School of Nursing spent time with alumni during the luncheon. They are, from left to right, Elizabeth Bossert, PhD, current dean; Marilyn Herrmann, PhD, dean emerita (served as dean 2006-2014); and Helen King, PhD, dean emerita (served as dean 1981-2005).

Alumni Hall amphitheater updated for today's generation

By Heather Reifsnyder

Medical students today learn differently from their predecessors. Not only is technology a more important component of education than ever before, today's students have to learn more information every day as medical knowledge advances.

Roger Hadley, MD, dean of LLU School of Medicine, made this point during the dedication ceremony November 2 for the newly remodeled amphitheater in the Alumni Hall for Basic Sciences.

The room has several new features, including five digital screens for lectures and swivel seating that allows students to converse more easily to advance their own learning through collaboration.

"The style of the new educational environment benefits from more opportunities for students to interact with each other," Hadley explains.

Additionally, there is a power outlet plus two USB ports at every seat.

Sophomore medical students witnessed the dedication along with administrators from the School of Medicine and the university. Hadley told the students that a survey would be administered at the end



Cutting the ceremonial red ribbon are, from left to right, Roger Hadley, MD, dean; Tamara Thomas, MD, vice dean; and Alice Wongworawat, MBA, associate dean.

of the first week of classes in the new room to find out what improvements might need to be made.

Tamara Thomas, MD, vice dean for



Swivel seating allows for easy collaboration between students.

academic affairs at the School of Medicine, offered a prayer of dedication for the new amphitheater and the learning that will take place there.

"We won't realize our mission until we live a life of service for You," she prayed.

Next followed the ceremonial cutting of a red ribbon by Hadley, Thomas, and

Alice Wongworawat, MBA, associate dean for finance and administration. She was instrumental in the project of recreating the amphitheater.

After the snip of the ceremonial scissions, guests filed out to allow the real purpose of the room to begin: a class session.

Luncheon brings donors and scholarship recipients together ...

Continued from previous page

University School of Nursing and the impact the scholarship made on his life.

Professor Dolores Wright, PhD, interviewed Wagner Portocarrero about his trip to Africa, which was done for the clinical portion of the public health nursing course.

Wagner recalled how he learned incredible lessons and skills in phlebotomy withdrawals during the time

he was at a government clinic in Kanye, Botswana. He said this experience also had an impact on his spiritual life, teaching him to more fully understand that all people, no matter their circumstances, are children of God deserving of the best care possible.

The event concluded with a brief state of the school address and philanthropy update by Bossert and Nikki Gaitan, senior development officer.

LLUH institutes a minimum 'living wage' for employees

By Briana Pastorino

Loma Linda University Health has instituted a minimum "living wage" of \$13 per hour for all regular, benefited employees who work at least 20 hours per week.

The intent is to continue to increase that minimum over the next few years to at least \$15 per hour.

Effective November 1, the living wage has been provided to all employees who meet the criteria under the umbrella organization of Loma Linda University Health, including all seven hospitals and the university. With this wage adjustment, more than 800 employees' wages have been lifted to \$13 per hour.

"We are committed to providing a living wage that is higher than both the federal and California minimum wage," says Richard Hart, MD, DrPH, president, Loma Linda University Health.

"We do this in recognition of the dignity and honor of work and the important role every employee plays in our organization, its educational goals, and our mission in the community and the world around us."

In a society that promotes the value of work and responsibility, and as one of the largest private employers in the region, Loma Linda University Health is committed to this policy as the right thing for its employees and the organization.

"We must match our commitment to mission and community with pay that provides employees earnings adequate to support themselves and their family," Hart adds. "Loma Linda University Health attracts many employees committed to our mission as a teaching and healing ministry, and to working in an environment that is truly special. We are grateful for these dedicated employees who work in service to others."

Cancer Center patient drops puck, NHL Ducks celebrate Hockey Fights Cancer Night

By Briana Pastorino

For the third year in a row the Anaheim Ducks joined forces with Loma Linda University

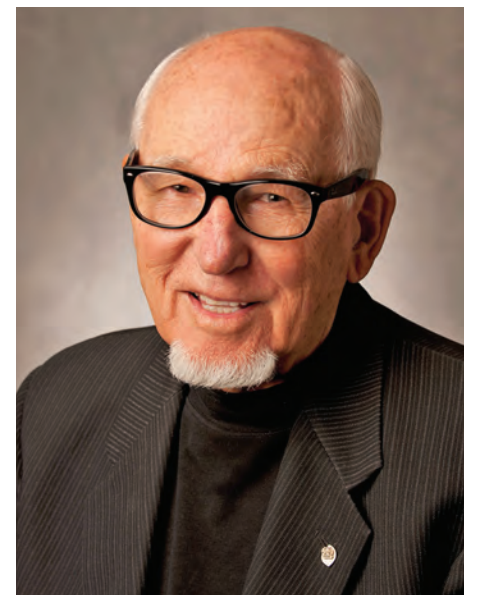
Health to raise funds and awareness for Loma Linda University Cancer Center. On Sunday, October 18, the Ducks celebrated Hockey Fights Cancer (HFC) Night as part of the NHL's a

month-long, league-wide initiative.

The interactive evening encouraged fan participation in a variety of ways including the creation of "I Fight For" cards recognizing loved ones affected by cancer. Additionally, the first 3,000 fans that entered the Honda Center received lavender HFC ribbons to wear during the game.

The Ducks Power Players also sported Hockey Fights Cancer T-shirts throughout the game.

The Anaheim Ducks Foundation along with representatives from Loma Linda University Health sold limited



Wil Alexander, PhD

And between the beginning without a beginning which lies in God's eternity, and the endless end which can be nowhere but there, too, there fits the tiny stretch of our finite existence."

—Excerpted from the book "Prayer" by Hans Urs von Balthasar

This is worthy of a slow, thoughtful and prayerful read.

Wil Alexander, PhD, founded the Center for Spiritual Life & Wholeness at Loma Linda University Health in 1996 with the aim of developing the art and science of whole person care.

edition Anaheim Ducks player autographed Hockey Fights Cancer mini sticks for \$20 each in support of Loma Linda University Cancer Center.

Leading up to the start of the game, LLU Cancer Center patient, Jeanne Malcuit, made the ceremonial puck drop on the ice, which she says was an incredible experience (see photo on next page).

"I've had the chance to do some phenomenal things with amazing new people," Malcuit said during the game. "I can't change that I had cancer, but I can make the most of my life and that's

Continued on page 10

Fourth Annual Clergy Appreciation Breakfast

By Nancy Yuen

Faith leaders from the community were honored and recognized during Loma Linda University Health's Fourth Annual Clergy Appreciation Breakfast.

The event, which recognizes local faith leaders for the great impact that

they have on the health of the community, was held in October at the Chen Fong Conference Center in the Centennial Complex.

"We consider the work that you do a blessing not only to your individual congregations," said Gerald Winslow, PhD, vice president for mission and culture, Loma Linda University Health,

"but to our local communities as well. Our patients and our communities are healthier because of your tireless, ongoing service."

During the breakfast, the clergy were thanked for the love, grace, compassion, and mercy they provide to their congregations and to those they serve.

Pastor Dan Carroll, senior pastor, Water of Life Community Church, was keynote speaker for the breakfast. Pastor Carroll spoke candidly about his constant dependence on God for renewal and strength while facing life's challenges, both small and large.

Two members of the clergy were given awards—Sr. Chilee Okoko from the Diocese of San Bernardino and Pastor David Jimenez from Christian Life Center in Ontario, California, for their collaborative efforts in community health improvement.



Dan Carroll, senior pastor, Water of Life Community Church, was keynote speaker for Loma Linda University Health's Fourth Annual Clergy Appreciation Breakfast.

Cancer Center patient drops puck, NHL Ducks celebrate Hockey Fights Cancer Night ...

Continued from page 9 exactly what I'm doing."

Loma Linda University Medical Center's chief nursing officer Jan Kroetz was also recognized during the game as the community hero.

"It was a privilege and an honor to be selected," Kroetz says. "It was an honor

to enjoy the evening with my family as well as my work family."

Kroetz's life has been touched by cancer in a very personal way. After her son, Don, lost his battle against leukemia in 1997, she wanted to give back to the nurses who took care of her son and her family. She became a great advocate for oncology nurses and established the Courage to Care Leadership Award to honor exceptional oncology nurses, which is given every year to nurses of Loma Linda University Cancer Center during their Celebration of Life event.

Kroetz admitted it was the first time she ever attended a hockey game, but said she is definitely a Ducks fan now.

Three years ago the Anaheim Ducks started Hockey Fights Cancer Night, presented by Loma Linda University Health. Now, the entire NHL celebrates cancer awareness with a Hockey Fights Cancer Night across the league during the month of October in an effort to raise awareness for all types of cancer.



School of Dentistry faculty address Sir Run Run Shaw Hospital's International Academic Week

By Douglas Hackleman

Loma Linda University School of Dentistry faculty members Susan Richards, DDS, MS, associate professor, department of oral and maxillofacial surgery, and Carlos Moretta, DDS, MS, assistant professor, department of oral and maxillofacial surgery, were among

the lecturers for Sir Run Run Shaw Hospital's annual International Academic Week, November 5-6, 2015.

More than 100 dentists from various hospitals and private practices attended lectures by Richards on clinical diagnosis of odontogenic cysts and tumors and by Moretta, who addressed oral surgical procedures.



Pictured, from left, are: Lieping (Andy) Sheng, DDS, director, Center for Dentistry, Sir Run Run Shaw Hospital (SRRSH); Carlos Moretta, DDS, assistant professor, department of oral and maxillofacial surgery, School of Dentistry; Susan Richards, DDS, associate professor, department of oral and maxillofacial surgery, School of Dentistry; Rui (Sherry) Xie, DDS, PhD, attending clinician, Center for Dentistry, SRRSH; Jean Cao, DDS, MS, associate director, Center for Dentistry, SRRSH; and Liqun (Larry) Wu, DDS, chief dentist, Center for Dentistry, SRRSH.

Annual Christmas Candlelight Festival of Music and Lights



Three Performances
 • Friday, Dec. 18, 6:00 pm
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11th Annual Spiritual Life and Wholeness Leadership Banquet recognizes staff for faith and hope they provide



Gerald Winslow, PhD, vice president for spiritual life and wholeness (at podium) speaks to attendees of the 11th Annual Spiritual Life and Wholeness Leadership Banquet. The event was held November 3, 2015, in the Wong Kerlee International Conference Center.

By Nancy Yuen

On Tuesday, November 3, Wong Kerlee International Conference Center was decorated for a formal dinner and celebration. As employees from numerous Loma Linda University Health entities and their guests arrived, they were greeted warmly while strains of piano and strings helped set the tone. The evening promised to be special for the employees and their guests—family and friends who were

there to celebrate with them during the 11th Annual Spiritual Life and Wholeness Leadership Banquet.

According to Gerald Winslow, PhD, vice president for mission and culture, the 55 award recipients were recognized for their contribution to the spiritual life of Loma Linda University Health.

“At Loma Linda University Health, our faith-based purpose for our educational and health care ministries is the very heart of what we do,” said Winslow. “We are blessed to have the enthusiastic

and spiritually enriching support of so many wonderful members of our team. Every year I look forward to the Spiritual Life and Wholeness Banquet, giving thanks to our colleagues and to our Creator.”

Each year, nominations for the Spiritual Life Service Awards are submitted by employees throughout the organization. Awardees are recognized for their vibrant faith in God that is shown in their extraordinary care for the spiritual well being of others and for their effective ability to bring hope and meaning in the midst of educational or health care challenges.

The award recipients work in entities throughout Loma Linda University Health. During the dinner, proud family members and friends celebrated with the awardees and visited with new friends who were seated at their tables. Then, recipients of the Spiritual Life Service Award took turns standing as

Winslow read their names, followed by a brief description written by the person who had nominated them.

The 2015 Spiritual Life Service Award recipients are:

Kathy Aceres; Curtis Alexander; Melisa Aree; Erlinda Arreygue; Edd Ashley*; Dwight Barrett; Sanja Billue; Teri Blum-Johnston; Monina Buenbrazo; Bernice Cabrera; Patricia Cameron; Carl Canwell; Rozann Causey; Vincent Chee; Marie Delange; Chauntay Donahue; Amanda Dustin; Susana Gonzales; Alicia Gonzalez; Maria Gonzalez; Martha Gonzalez; Myrna Hanna; Dynnette Hart; Carlyle Ingersoll II; Cristian Jordan; Donna Janzen; Krystyna Kon; Delia Leon; Joshua Masih; Tiffany Mduba; Kelvin Moore; Shelly Moore; Cheri Moreno; Jerone Murphy; Caroline Namasaka; Abigail Namsang; Lynn Neuenswander; Shirley Niell; Shelly Opp; Terese Pfeiffer Mosley; Gregory Pick; Eunice Ramirez; MaryJane Rasnic; Alina Record; Heather Roesse; Teresa Rojas; Dionnie Roxas; Hans Schaepper; Enriqueta Serrano; Joanna Shedd; Duane Tan; Nancy Testerman; Shani Torrez; and Justin Van Allen *Posthumous

In addition to the Spiritual Life Service Awards, Winslow presented the 2015 Spiritual Life and Wholeness Leadership Award to Lynette Bates and John Nafie, who were chosen for their exemplary leadership in spiritual life and wholeness.

Following the awards, Barbara Couden Hernandez, PhD, provided an inspirational message. She shared a story about how, while leading a youth group on a camping trip, she thought she had failed as a leader. Years later one of the youth shared that Couden Hernandez, who had turned to God in prayer for guidance during the trip, had provided a wonderful role model as a leader.

At the end of the evening, the audience joined together to sing “Healing Love.”



Gerald Winslow, PhD, vice president for spiritual life and wholeness, Loma Linda University Health (right) presents Spiritual Life and Wholeness Leadership Awards to two employees: Lynette Bates (center) and John Nafie (left). Bates and Nafie were chosen for their exemplary leadership in spiritual life and wholeness.

Reportable Crimes

The Crime Awareness and Campus Security Act of 1990 requires colleges and universities across the United States to publish interim reports on campus crime activities. Listed below are the crimes reported for Loma Linda University Health for the months of September and October 2015.

Type of Crime	Number of Crimes	Place of Crime
Burglary motor vehicle	16	East Campus Hospital (2); Lot A (3); Rehabilitation 24-bed; Mountain View Plaza; Lot X; Lot DC (2); Caroline Street clinics (2); Lot DC (2); Lot Q; Shepardson Lot
Auto theft	4	South parking structure; Lot A (2); Caroline Street clinics
Auto theft/other	1	Off campus
Stolen vehicle recovery	2	Daniells Residence; off campus
Attempted motor vehicle theft	1	Caroline Street clinics
Traffic collision	1	Off campus
Burglary report	2	LLU Drayson Center; Faculty Medical Offices
Burglary/forcible entry	1	Mortenson Hall
Possession of burglary tools	1	Prince Hall
Damaging/tampering with vehicle	3	Centennial Complex; Surgical Hospital; North parking structure
Assault/simple	2	Emergency room; LLU Behavioral Medicine Center
Disturbing the peace	2	Loma Linda Elementary; LLUAHSC support services
Embezzlement	1	Mountain View Plaza
Theft report	1	LLUMC adult hospital
Threats report	2	LLU Children's Hospital; LLUMC adult hospital
Battery	2	Behavioral Medicine Center; LLUMC adult hospital
Trespassing	1	Councilors Student Pavilion

You can assist the Loma Linda University Health department of security in maintaining a safe and secure environment by notifying security immediately at extension 9-1-1 if you see or know about a crime taking place.

New Women's Imaging Center offers 3-D mammography ...

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innovation is equally significant.

“The biggest change,” Rigsby explains, “is the presence of a nurse navigator/manager to help patients as they go through the breast diagnostic process

at Loma Linda University Health.”

Linda Koh, RN, MS, began her new role as nurse navigator/manager for the center on October 19. “Linda is already coordinating care for our patients and their referring physicians,” Rigsby shares.

Loma Linda University Health and the Southern Mono Healthcare District enter into an affiliation agreement

By Susan Onuma

Loma Linda University Health and the Southern Mono Healthcare District have entered into an affiliation agreement in order to enhance access to high-quality care in the Southern Mono Healthcare District. This agreement became effective November 1.

The Southern Mono Healthcare District was organized pursuant to the Local Health Care District Law (Sections 32000 et seq. of the California Health and Safety Code), and is governed by a five-member elected board.

The district operates Mammoth Hospital, as well as 10 physician clinics, to provide quality medical care to residents and visitors to the area.

"Loma Linda University Health is focused on improving the health status of communities and individuals throughout the broad region it serves," says Kerry Heinrich, JD, chief executive officer, Loma Linda University Medical Center. "We are fully committed to developing partnerships with community hospitals, physician groups, and other health service organizations."

He continues, "We are thrilled at this new opportunity to expand our services to this community and work in collaboration with the Southern Mono

Healthcare District to advance medical knowledge through a number of new and exciting programs."

Under this affiliation agreement, Loma Linda University Health will provide resources to the district-run Mammoth Hospital, enhancing medical and hospital services to the Southern Mono Healthcare District communities.

In addition, on-site specialty care in selected service areas will be developed, where feasible, at Mammoth Hospital's Rural Health Clinic.

The affiliation also provides for collaborative new Sports Medicine Fellowship training programs, such as simulation exercises, short-term clinical intensives, and other methods that will benefit both Loma Linda University Medical Center and Mammoth Hospital clinical staff.

Also under discussion is the development of a plan to conduct regularly scheduled specialty services and consultations via telemedicine, using telecommunication and information technologies that will provide clinical health care from a distance.

The partnership is also exploring the establishment of a program where Mammoth Hospital will serve as a rural training site for Loma Linda University medical students and residents.



Mammoth Hospital, located near the world-famous Mammoth Lakes Ski Resort, has entered into an affiliation agreement with Loma Linda University Health that will enhance its services as well as provide a potential training site for residents and medical students.

"The affiliation with Loma Linda University Health is an exciting opportunity for us and for the community we serve," offers Gary Myers, chief executive officer of Mammoth Hospital. "We are looking forward to expanding our service offerings through this partnership." Myer adds, "The mission of the Southern Mono Healthcare District is to protect the well-being and improve the health of our residents and guests, and this new affiliation will allow Mammoth Hospital to enhance its service offerings and provide more specialty care here in the Eastern Sierra."

Mammoth Hospital is a modern, 17-bed critical access hospital, supported by full-time board-certified medical staff and first-rate equipment, and offering personalized care with highly qualified nursing staff throughout its main facility and 10 outpatient clinics.

As an official medical provider for the U.S. Ski Team and U.S. Snowboard Team, Mammoth Hospital offers specialized orthopedic surgery and rehabilitation programs. The hospital is always prepared to meet the health care needs of area residents and visitors with 24-hour emergency care.

"This affiliation is another step in fulfilling our strategic plan of establishing a clinical integration network that extends our ability to provide health care to local communities, while also increasing access to tertiary, quaternary, and advanced specialty care for the vast four-county area that falls within our purview," states Richard H. Hart, MD, DrPH, president of Loma Linda University Health. "We intend to integrate our commitment 'to make man whole' with mission and dedication to the community."

New Women's Imaging Center offers 3-D mammography

By Larry Kidder

The brand-new Women's Imaging Center, located on the first floor of Loma Linda University Health's Faculty Medical Offices building, may feel like a spa to patients, but it boasts some of the latest mammography technology available for detecting breast cancer in the Inland Empire.

During an open house of the new center, held on Thursday, October 22, a number of visitors toured the Asian-spas-themed hallways and treatment rooms, and learned about the Hologic® 3-D

mammography equipment, which uses tomosynthesis software to create a 3-D view of the breast from top to bottom.

Loma Linda University Health offers 3-D mammographies at the Faculty Medical Offices in Loma Linda, as well as at LLUMC-Murrieta, located in Murrieta, California. These are the only two places in Riverside and San Bernardino counties to offer this 3-D diagnostic service.

The diagnostic capabilities of the center are further enhanced by the first dedicated breast magnetic resonance imaging (MRI) system in the Inland Empire, the Aurora® Breast MRI System, which provides bilateral breast imaging as well as MRI-guided breast biopsies.

In addition to tomosynthesis-based and MRI imaging, which allow physicians to detect breast cancers significantly earlier and more precisely, the center offers a full range of screenings and other diagnostic exams, both breast and pelvic ultrasounds, and a wide array of biopsy options.

The center also offers DEXA scans to measure bone density and has the capability to provide the most accurate type of body-mass imaging for athletes or bariatric patients interested in tracking their progress at reducing body fat.

"The décor is meant to create an environment of calm for women during a stressful time," says Beverly Rigsby, MBA, BSN, service line development director for gynecological women's health, who led in the planning and creation of the clinic, "whether they're here for a standard screening exam or follow-up testing for a possible cancer diagnosis."

While the technologies and innovations that allow for improved diagnosis and cancer detection are impressive, Rigsby believes another



stages and improve outcomes.

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