



LOMA LINDA UNIVERSITY

Loma Linda University
TheScholarsRepository@LLU: Digital
Archive of Research, Scholarship &
Creative Works

TODAY

Loma Linda University Publications

11-30-2012

TODAY - November 30, 2012

Loma Linda University

Follow this and additional works at: <https://scholarsrepository.llu.edu/today>



Part of the [Other Medicine and Health Sciences Commons](#)

Recommended Citation

Loma Linda University, "TODAY - November 30, 2012" (2012). *TODAY*.
<https://scholarsrepository.llu.edu/today/44>

This Newsletter is brought to you for free and open access by the Loma Linda University Publications at TheScholarsRepository@LLU: Digital Archive of Research, Scholarship & Creative Works. It has been accepted for inclusion in TODAY by an authorized administrator of TheScholarsRepository@LLU: Digital Archive of Research, Scholarship & Creative Works. For more information, please contact scholarsrepository@llu.edu.



PHILANTHROPY

Ongoing research at San Manuel Band of Mission Indians Oncology Center and Biospecimen Laboratory at LLUMC provides hope and healing for terminal patients

By Nancy Yuen

Blood draws, ultrasound, PET and CT scans, upper gastrointestinal endoscopy, colonoscopy—one by one, Bruce Herold's test results were forwarded to Mark Reeves, MD, PhD, director, Loma Linda University Cancer Center.

Bruce, a retired fire captain from the California Department of Forestry, had been referred to Dr. Reeves with stage 4 colon cancer when his tumor began to grow following surgery and chemotherapy treatment at a nearby hospital.

"Bruce and I had a high level of confidence in Dr. Reeves," says his wife, Pam. "Dr. Reeves assured us, 'If I didn't think I could help you, I would not recommend surgery,' and we trusted him completely."

During one of Bruce's appointments, Pam noticed Dr. Reeves looking at a poster on the wall—the illustration showed the detailed structure and location of the human liver, kidneys, duodenum, and pancreas.

"Dr. Reeves wasn't just glancing at the poster," says Pam. "His attention was riveted on it." Awestruck, she interrupted his concentration. "Dr. Reeves, you've already completed my husband's surgery in your mind."

Bruce's journey to Loma Linda began in early 2011 when he became ill and visited an urgent care clinic in a neighboring city. While the doctor discovered the mass during the examination, surgery was postponed until Bruce had recovered from pneumonia and strep throat.

After the surgery, his doctor described the mass in Bruce's abdomen as the size of a soup bowl. He removed (shaved) as much of the tumor as he could during the four-hour surgery, but he had been unable to remove all of it as it had invaded many of the organs on the right side of Bruce's body. The tumor, which Bruce and Pam nicknamed "Rocky," began to grow again after he had completed chemotherapy. "We are grateful," says Pam, "that Loma Linda maintains close connections with hospitals in the area. The level of care Bruce needed could only be provided at a cancer center, and the transition to Loma Linda was easy for us."

Bruce's second surgery took place on August 6, 2012. The en-bloc resection encompassed multiple organs including the colon, small bowel, liver, kidney, duodenum, bile duct, vena cava, and pancreas. By the time the surgery and

reconstruction were complete, more than 20 hours had elapsed. "It was a huge success," says Bruce. "The procedure was a curative resection—the margins around the tumor were clear which means that it is unlikely that the cancer will return."

As part of his care, Bruce agreed to allow his tumor to be studied in the San Manuel Band of Mission Indians Biospecimen Laboratory. "While we've had extensive experience with the type of cancer Bruce was diagnosed with," says Dr. Reeves, "he and other patients who come to LLU Cancer Center for care are benefiting from highly specialized research taking place in our biospecimen laboratory."

Dr. Reeves explains: "While not all cancer is caused by genetics, most people who develop cancer have inherited the propensity to develop the disease. Even then, hundreds of different molecules must go awry to cause cancer to develop. Studying these cells, which I call the 'bad actors,' is helping us explore new types of therapies. While participation in this research is optional, we have found cancer patients to be exceedingly generous and altruistic. They want to do everything they can to ensure that other patients do not have to go through what they did; they want to help discover life-saving treatments."

At LLU Cancer Center, data from tissues have been collected and saved in real time as the specimens are frozen and preserved. The tissue and data are stored in the San Manuel Band of Mission Indians Biospecimen Laboratory. Construction on the biospecimen laboratory was completed in 2008, and tissue collection began in January 2009.

The database in the biospecimen laboratory has grown to contain thousands of samples of every type of cancer tissue, and the LLU Cancer Center also joined the National Cancer Institute Biomedical Informatics Grid (caBIG) four years ago.

According to Dr. Reeves, "Specimens are added to the laboratory every day. As results are compared with data from other caBIG centers, the data becomes even more valuable. What we are learning helps us provide individualized treatment; collectively the data is being utilized to help us understand and combat the most aggressive cancers."

While the San Manuel Band of Mission Indians Biospecimen Laboratory is an incredible resource for residents of the Inland Empire,



Bruce and Pam Herold attended his sister's birthday party following his first surgery for colon cancer. He was receiving chemotherapy at the time.

it was costly to establish. "We are grateful," says Dr. Reeves, "to San Manuel Band of Mission Indians for their gift, which made it possible for us to create the laboratory and which supports ongoing research at Loma Linda University Cancer Center."

When every available treatment option has been exhausted and a patient's cancer returns,

the prognosis can become terminal. Treatments offered at Loma Linda University Cancer Center provided Bruce with a life-saving option. Now, just three months after surgery, he has returned to his normal routine.

"He is active and he has no dietary restrictions," says Dr. Reeves. "And as time passes he will continue to improve."

NATIONAL IMPACT

LLUMC physician discovers errors in national research database

By James Ponder

An emergency medicine physician at Loma Linda University Medical Center, who also serves as a deputy editor for an international medical journal, began to question whether a federally funded database widely used in medical research studies might be established, at least partially, on incorrect information.

To find out, Steven M. Green, MD, put the National Hospital Ambulatory Medical Care Survey (NHAMCS)—a national probability sample of ambulatory visits to American hospitals—under the microscope.

"This is an incredibly admirable database maintained by the Centers for Disease Control," Dr. Green observes. "It represents a sophisticated statistical design that researchers can download for free and pose questions to. Hundreds of scientific papers have been published in medical journals because of it."

In designing the study—which was published online in the October 29, 2012, edition of *Annals of Emergency Medicine* under the title "Congruence of disposition after emergency department intubation in the National Hospital Ambulatory Medical Care Survey"—Dr. Green

Please turn to page 3

RECOGNITION

Loma Linda University Medical Center physician recognized by March of Dimes

By Briana Pastorino

Bryan Oshiro, MD, associate professor of obstetrics and gynecology at Loma Linda University Medical Center (LLUMC), was recently honored with the 2012 Elaine Whitelaw Service Award by March of Dimes.

Dr. Oshiro accepted the award on October 18 at the National Volunteer Leadership Conference held in Orlando, Florida.

"I am humbled by this honor from March of Dimes," says Dr. Oshiro. "I feel so privileged to be able to work with an organization that supports the work that I do to save and improve the lives of babies and mothers—not just of those that come through Loma Linda, but those throughout the nation."

Dr. Oshiro was nominated for the award by the California chapter of the March of Dimes for his dedication to the organization on projects

such as the Big 5 State Prematurity Initiative that has galvanized the five largest states—California, Florida, Illinois, New York, and Texas—and which advocates the elimination of non-medically indicated (elective) deliveries at less than 39 weeks of gestational age.

He has also played a key role in bringing local signature projects to fruition, such as the American Congress of Obstetricians and Gynecologists Less-Than-39-Week Speakers Bureau, the Preterm Labor Assessment Toolkit implementation plan, and professional education.

The California chapter and March of Dimes feel fortunate to have such a wonderful volunteer as part of their organization.

"Dr. Oshiro's extraordinary vision and leadership have established an urgency on issues with national implications," says March of Dimes' Leslie Kowalewski. "He has engaged influential leaders and has impacted thousands of families."

INNOVATION

Pediatric surgeon performs innovative procedure at LLU Children's Hospital

By Briana Pastorino

Pediatric surgeons at Loma Linda University Children's Hospital are known for pushing the barriers of surgery when it comes to the welfare of their young patients.

Pediatric surgeon Edward P. Tagge, MD, and Loma Linda University's first pediatric surgery fellow Shannon Longshore, MD, recently performed the first minimally invasive surgery to repair a duodenal atresia in a newborn infant at LLU Children's Hospital.

Duodenal atresia is a condition diagnosed prenatally in which the small bowel (duodenum) is not completely developed, causing a blockage between the stomach and small bowel.

This blockage does not allow for the passage of stomach contents, and if gone untreated, can be fatal. The blockage is typically repaired surgically by making a large incision across the abdomen, which leads to scarring and a lengthy healing process.

The minimally invasive alternative is done laparoscopically through three small abdominal incisions, roughly three millimeters each, causing minimal scarring and even less pain.

"This complicated operation is one that takes advanced laparoscopic skills and a well-coordinated surgical, anesthesia, and nursing team," says Dr. Tagge. "This is the newest operation in the growing field of minimally invasive procedures that can be performed by pediatric surgeons at Children's Hospital."

Ana Garcia and Benjamin Molina found out just two days before their daughter, Jayla, was born that she had duodenal atresia after a routine ultrasound. "We were very scared and worried for our daughter," Ms. Garcia says, "but everyone at the hospital made us feel at ease."

With Jayla at just three days old, Drs. Tagge and Longshore repaired the blockage by sewing the two pieces of bowel together using a suture at the end of a foot-long needle visualized by laparoscopic camera. During the procedure, the

Please turn to page 3



Ana Garcia holds her two-month-old daughter, Jayla, while Edward Tagge, MD, performs a post-operative checkup at Loma Linda University Medical Center—Murrieta on November 7, 2012.




March of Dimes honored LLUMC's Bryan Oshiro, MD (far right), with the 2012 Elaine Whitelaw Service Award at the National Volunteer Leadership Conference in Orlando, Florida. From left, March of Dimes' Lori Reeves, William Sappenfield, MD, and March of Dimes' Leslie Kowalewski.

Ms. Kowalewski continues, "Dr. Oshiro finds time to support projects in California and across the country, even if it means giving up precious, personal time with his family. He is not only a wonderful volunteer, but he is a kind and caring individual who is clearly dedicated to the greater good and to improving the health of moms and babies."

The Elaine Whitelaw Service Award is the most prestigious March of Dimes volunteer award given to two recipients—one individual

from the East and one from the West—who exemplify volunteerism at its best.

The award was established after an endowment was created in Miss Elaine Whitelaw's honor to recognize her for her outstanding volunteer leadership. She contributed more than five decades of leadership, energy, vision and service to the March of Dimes, and her personal commitment to volunteerism gave momentum to the volunteer movement in this country.



Give Joy!



MacBook Pro with 13-inch Retina display
The highest-resolution notebook ever. And the second-highest.

DISCOVER
The MacBook Pro® with 13-inch Retina™ display and other Apple® products at the Loma Linda University Campus Computer Store.

DID YOU KNOW?
Employees & students are eligible for an education discount? Visit us today to learn more, call (909) 558-4129, or go to facebook.com/llucomputerstore.

 Authorized Campus Store

LOMA LINDA UNIVERSITY

Apple, the Apple logo, MacBook, and Retina Display are trademarks of Apple Inc., registered in the U.S. and other countries. TM and © 2012 Apple Inc. All rights reserved.

CFO says Medical Center financial position is positive, but challenging ...

Continued from page 8
outcomes, as opposed to fee-for-service; looking at ways to implement baseline protocols to ensure that we offer the most efficient care; reducing costs through reduced redundancy of testing; and making sure that we practice outcomes-based care and evidence-

based medicine—it all comes down to reducing our costs and increasing revenue production.”

While he acknowledges that challenges lie ahead, he is counting on partnership from the members of the executive team and a

dose of Divine intervention.

“We’re in a good position,” he concludes. “We have a really good group of people working with us. When we’ve faced significant issues in the past, they’ve stepped up to the plate to help us meet them. And I truly believe God has led this institution from its founding. I believe we can count on His guidance and leadership into the future.”

LLUMC physician discovers errors ...

Continued from page 1
quantified the frequency and nature of apparent chart discrepancies relating to just one variable.

The variable he selected, a procedure called endotracheal intubation, is commonly performed for seriously ill patients who are having trouble breathing.

“If someone comes into the emergency department so sick that they can’t breath on their own, we insert a tube into their trachea through their mouth to do that for them,” Dr. Green says. “Those are very sick patients.”

So sick, he adds, that patients in that condition are seldom discharged directly home. Instead, they are admitted to a critical care unit or occasionally die in the emergency department.

As he reviewed articles submitted to *Annals of Emergency Medicine*—the publication for which he serves as deputy editor—Dr. Green noticed oddities and aberrancies in studies using NHAMCS that led him to worry about the accuracy and reliability of the database.

He decided to test the database himself, comparing two variables—intubation and hospital admission—that should be consistently linked.

“Although it is theoretically possible that emergency department patients could be intubated, extubated, and then not admitted, this would appear to be a highly unusual circumstance,” he notes in the introduction to his study. “If such scenarios represent data discrepancies that are not infrequent, this could highlight a limitation or error within the NHAMCS data collection structure.”

In other words, the data might be suspect. “I decided to conduct a study designed to test the integrity of the database,” he says. “We just assume that ordinarily when researchers do a patient chart review study, they go to the charts and examine the original information. Yet with the survey, they can’t because the information is confidential. So they have to trust that all the information was entered into the survey accurately and reliably.”

In describing his study methods as “an unadjusted, descriptive analysis of the NHAMCS database,” Dr. Green notes that he evaluated 10 years’ worth of NHAMCS data composed of 348,367 emergency department visits.

He was expecting to find that patients whom the survey reported as needing and receiving intubation either died or were admitted to a

Please turn to page 4

Surgeon performs innovative procedure ...

Continued from page 2
doctors discovered Jayla also had malrotation—a twisting of the intestines caused by abnormal development—which required laparoscopic repair as well as an appendectomy.

Now two months old, Jayla is a happy, healthy baby eating and sleeping perfectly.

At their most recent check up, Jayla’s parents were glowing. “She’s perfect.”



WHAT'S YOUR PLAN?

**MANY STRENGTHS.
ONE MISSION.**

DON'T DELAY!

Time is running out to receive a charitable tax deduction before the year ends.

Did you know that you can make a gift of cash or appreciated property before Monday, December 31, and enjoy a charitable tax deduction and valuable tax savings on this year's tax return? Your gift can even provide you with income for the rest of your life!

For more information, call 909-558-4553, email legacy@llu.edu or visit llulegacy.org

ADMINISTRATIVE DEVELOPMENTS

Ron Forde named department of restorative dentistry chair

By Edna Maye Loveless

Assuming the reins of the department of restorative dentistry, Ronald Forde, DDS, MSD, faces the School of Dentistry's clinic cohort of students, patients, and faculty with well-established equilibrium.

His extensive world travels began in his youth when he emigrated from Barbados to Canada. College-educated in Alabama, he arrived at LLU School of Dentistry to join the class of 1983. Since that time, Dr. Forde has practiced dentistry in Zaire (6 years) and Zimbabwe (10 years), returning to the United States to complete a prosthodontics residency at the School of Dentistry in 2010.

Dr. Forde's expanding base of dental skills grew rapidly during the early years in Africa. In dental school, he recalls, he had relied principally on handouts and notes to learn the basics of dentistry. Isolated from other professionals, he found textbooks to be what he called his "security blanket."

During three-week mission furloughs, he observed oral surgery and other procedures at LLU School of Dentistry that would never occur in his mission area unless he performed them.

His teaching skills were honed by necessity. Since there were no trained office staff in the area, Dr. Forde recruited and educated his own. Along with the indigenous population,

he treated patients who worked for the Peace Corps, USAID, and World Vision. It was an opportunity to provide his dental associates an education in oral health and care. Under Dr. Forde's tutelage, others were trained to provide basic dental care in remote settings. Later, facing a difficult case, a bush "dentist" would call Dr. Forde, who would talk him through the procedure. Licensure was no problem for the new "dentist" practicing in a country with no dental school.

Returning to his dental alma mater in 1999, Dr. Forde became director of service learning, bringing insights from his years in Africa. He oversaw senior dental students as they rotated through community clinics, becoming perhaps the only faculty member with the privilege of working one-on-one with every graduate.



Ronald Forde, DDS

PHILANTHROPY

CrossFit CDR Redlands donates \$7,700 to LLU Children's Hospital

By James Ponder

Calvin and Rachel Davis, owners of CrossFit CDR Redlands, stopped by Loma Linda University Children's Hospital on Thursday, November 15, with a check for \$7,700 to benefit families carrying heavy financial burdens as a result of their child's hospitalization.

The money was raised during a special workout on September 22 titled "The Good Fight."

"We wanted to donate to a local cause," Ms. Davis observes. "We thought Loma Linda University Children's Hospital would be a great place to do that."

"I've always had an attachment to kids," Calvin Davis joins in. "That gave us the extra drive to go with Children's Hospital. CrossFit is known for reaching out to the community.

When we ask our customers to come together for a good cause, we know they'll always surpass our expectations."

"It's really awesome to see everybody in the gym coming together for this one common goal," says Victoria Leyva, a CrossFit trainer. "I'm so happy and blessed to be part of this."

Calvin Davis agrees. "Seventy-five people showed up to do the workout on that day, but more than 200 showed up to support the cause. It was very encouraging."

"After we announced what we were doing, we heard multiple stories from people who had their kids here," Rachel Davis adds. "It made it that much more touching and real to know how much this affects the people in our community."

Shelley Vincent, events specialist with the Loma Linda University Children's Hospital Founda-



CrossFit CDR Redlands presented a check for \$7,700 to assist families of patients at Loma Linda University Children's Hospital. (From left) Coaches Jacob Heighes, Fritz Nugent, and Victoria Leyva, and owners Rachel and Calvin Davis hoist the giant check. Kipton Davis rests in his father's arms, while brother Caysen plays on the sidewalk.

tion, noted that the owners and staff of CrossFit CDR Redlands went out of their way in order to benefit the local community through their generous gift to Loma Linda University Children's Hospital.

protocol of giving to a national charity just to give locally to Loma Linda University Children's Hospital. They have an incredibly tight-knit and devoted community—what an amazing crew."

"We are very blessed to have a vast community of giving partners," Ms. Vincent observes. "We thank those who believe in what we do and want to help us make a difference. CrossFit CDR deviated from its company

She adds, "CrossFit CDR Redlands is not only devoted to physical fitness and a healthy lifestyle, but is also committed to advancing community efforts, as it has shown by its fundraising efforts in "The Good Fight."

LLUMC physician discovers errors ...

Continued from page 3

critical care unit. But after crunching the numbers, Dr. Green found the assumption did not hold up.

"Of the 875 emergency department patients recorded as having intubation performed, 27 percent had incompatible dispositions," he wrote. "Eighty-one (nine percent) were recorded as discharged and 153 (17 percent) as admitted to a non-critical care unit."

The published conclusion to his study is appropriately understated in the manner of academic investigations everywhere.

"One fourth of NHAMCS emergency department visits with intubation have a disposition incompatible with this procedure," he wrote in the conclusion of the study. The word "disposition," as used throughout the study, refers to how the patient was discharged from the hospital.

In person, Dr. Green becomes a bit more animated. "One would expect that if you compare this you would get a 99 percent

concordance between the variables," he elaborates. "If you're sick enough to need a tube put down your windpipe, you're sick enough to be admitted. What is striking here is how

Please turn to page 7



Steve Green, MD, emergency medicine physician at Loma Linda University Medical Center, discovered errors in a national research database that may affect patient outcomes.

RESIDENT LOUNGE OPENS DOORS



(From left) Eric Liu, MD, Kurt Mildenstein, MD, Deepak Suresh, MD, Miriam Peckham, MD, and Trevor Bledsoe raise a fruit juice toast to the grand reopening of the new resident physician lounge at Loma Linda University Medical Center. The lounge, which opened Wednesday, November 14, is located on A-level next to the student entrance. By James Ponder

ENVIRONMENTAL EFFORTS

Electric Ford Focus cars join Loma Linda University fleet of vehicles



Three shiny new fully electric Ford Focus vehicles, recently leased, will help reduce the carbon footprint of Loma Linda University. Ready to take two of the new electric cars on test drives are Richard H. Hart, MD, DrPH (left), president of Loma Linda University, and Rodney Neal, MBA, senior vice president for financial affairs at LLU. *By Larry Kidder*

FAMILY HEALTH FAIR

Annual Family Health Fair includes 5k run, booths, and variety of fitness activities



A sea of runners takes off from the starting line at the first annual Family Health Fair 5k, held on Sunday, October 28, at Loma Linda University Drayson Center. The free event, sponsored by Loma Linda University Medical Center, asked participants to "walk or run to a healthier community." Health screenings included weight, blood pressure, sight, and hearing. In addition, the fair featured face painting, balloon artists, and circus tumblers. Free flu shots were available for those age 3 and over. *By Larry Kidder*

ALLIED HEALTH PROFESSIONS

A new home for the SAHP department of cytotechnology

By Nancy Yuen

Loma Linda University's School of Allied Health Professions (SAHP) offers more than 50 programs.

Of these, cytotechnology, is one of only two such programs in the state of California and one of just 30 in the United States. Since the department was established in the early 1980s, approximately 126 cytologists have graduated from the SAHP.

When asked about the department's history, Meg Tavares, program director, smiles. "Many

years ago we were assigned temporary quarters in a small building across the street from the LLUMC parking structure," she says. "The building was small, and to access the lab we had to step outside and reenter the building through a second door. While we had been assured that we would be there for six years at most, it became home to our department for 31 years."

When campus expansion called for the building to be demolished, plans were made for the cytotechnology department to relocate. Moving into a building formerly known as the Safety Building, located behind the Campus Store, provided the opportunity for faculty to carefully

SCHOOL OF DENTISTRY OUTREACH

Free dental services provided to community during family health fair

By Doug Hackleman

The School of Dentistry provided a number of free services to members of the community during Loma Linda University Medical Center's Annual Family Health Fair, held October 28 at LLU Drayson Center.

The Center for Dentistry and Orthodontics (CDO) sponsored a booth and the school parked its mobile dental clinic outside Drayson Center, where free dental services were provided.

Darlene Cheek, MPH, assistant professor in the department of dental hygiene, reports that

16 senior dental hygiene students, supervised by Gary Kerstetter, DDS, assistant professor, service learning, provided oral health education to 500 people in the LLU School of Dentistry mobile dental clinic.

In running the CDO booth, Krista Juhl, MBA, director of marketing, and Tina Malmberg, CDO manager, mingled with fair attendees, giving away a number of oral health care products including floss, toothpaste, lip balm, and promotional materials.

Approximately 2,000 people were on hand for the annual event.



Gary Kerstetter, DDS, assistant professor of service learning, assists a fair attendee and teaches at the same time inside the school's mobile dental clinic.



The new cytotechnology department, housed in the building formerly known as the Safety Building, is equipped with a multi-head microscope allowing for up to seven individuals to view the same cells on the instructor's slide. Pictured are: junior cytotechnology students Desiree Carrillo (front), Grace Kim (right), Sue Ann Phung (left), and faculty member Clark Masangcay.

plan the renovation, creating teaching and laboratory space perfectly tailored to the needs of the department.

The process took two years, and while a quick search for 24663 Prospect Street on Google maps still pictures the old building standing, it no longer exists. Since July 2012, Loma Linda University's cytotechnology faculty and students are enjoying their new home.

The newly remodeled building features a space near the entryway that houses a multi-head scope where up to seven students can

study the same slide that the instructor is viewing; junior and senior classrooms; a cytology laboratory; and faculty offices. The fully equipped laboratory provides cytopathology services for Loma Linda University Medical Center. According to Ms. Tavares, who also serves as manager for the cytopathology department, more than 2,000 specimens and slides are processed each year.

"The department is beautiful," says Ms. Tavares. "It meets our needs, and the students are happy to have moved closer to the School of Allied Health Professions."

PHILANTHROPY

School of Dentistry unveils Good Samaritan etching

By Doug Hackleman

An artistic glass etching, based on a bronze sculpture of the Good Samaritan at Loma Linda University, was unveiled Friday,

November 9, in its new location on the east interior wall of the patient clinic waiting area of the School of Dentistry's Prince Hall.

Related to Jesus' Luke 10 parable, the etching



Charles Goodacre, DDS, MSD, dean of the School of Dentistry, poses with Daniel Newbold, DDS, and his wife, Melodee, and their contribution to the patient waiting area in Prince Hall.

was made possible by a generous gift from School of Dentistry alumnus Daniel D. Newbold, DDS, assistant professor, department of periodontics, and his wife, Melodee.

Dr. and Mrs. Newbold were impressed with the glass frieze in February of this year when they saw a copy of it unveiled at the LLU Center for Dentistry and Orthodontics in San Bernardino. The couple confided in Charles Goodacre, DDS, MSD, dean of the School of Dentistry, their conviction that it should also be displayed prominently in Prince Hall.

The Good Samaritan bronze sculpture from

which the glass etching originated was created by Alan Collins and is prominently displayed on the Campus Mall between the School of Dentistry and the University Church. Mr. Collins, an English-born sculptor, is noted for his work on the John F. Kennedy Memorial at Runnymede, England; Great Britain's Guildford Cathedral; and for a recent work on campus representing Jesus as healer of the woman who touched His robe.

The depiction of the Good Samaritan represents the philosophy of Loma Linda University's mission, "To make man whole," and the School of Dentistry's motto, "Service is our calling."

STUDENT LEADERSHIP

ASDA student leaders convene at district meeting hosted by Dugoni School

Reprinted with permission from University of the Pacific Arthur A. Dugoni School of Dentistry news and events, October 16, 2012.

More than 100 students, faculty, and guests from California's dental profession recently gathered at the Arthur A. Dugoni School of Dentistry in San Francisco for the American Student Dental Association (ASDA) District 11 annual meeting.

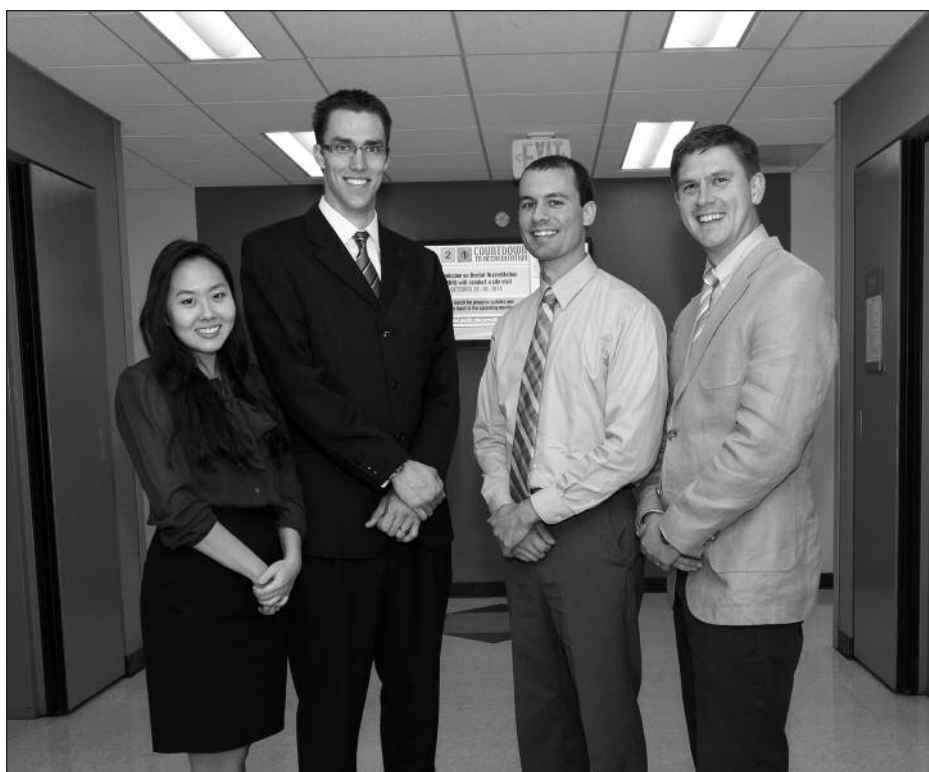
District 11 encompasses all of California dental

schools, including programs at Loma Linda University, University of the Pacific, UCLA, UCSE, USC, and Western University.

The event was held the weekend of October 5 through 7. Activities included presentations, guest lectures, tours, social gatherings, and a vendor exhibit fair.

Danielle Marquis, class of 2013 and this year's District 11 trustee, spearheaded the coordination of the event. Urie Lee (class of 2016),

Please turn to page 7



(From left) LLU School of Dentistry representatives to the American Student Dental Association meeting: Urie Lee (class of 2016), Douglas Baasch (class of 2014), Thomas Schaffer (class of 2015), and James Fedusenko (class of 2016).

YOU ARE INVITED...

Progressive Open House

Tuesday, December 11, 2012
11:30am - 2:00pm

Global Health Institute (GHI)

Institute for Community Partnerships (ICP)

Students for International Mission Service (SIMS)

RSVP by: Thursday, December 6th
ghi@llu.edu or x44420

Learn about service opportunities, meet the friendly staff, enjoy festive food, and win prizes!!

~Start at ICP: 11188 Anderson St~

FREE DENTAL SCREENING

School of Dentistry participates in Speaking of Women's Health Conference

By Douglas Hackleman

A small team of LLU School of Dentistry faculty and graduate program students may have saved lives by providing volunteer oral cancer screenings at the November 16 annual Speaking of Women's Health Conference at the Ontario Convention Center.

Mathew Kattadiyil, DDS, MDS, MS, director, advanced specialty education program in prosthodontics; Andrea Lewis Beckford, DDS, MBA, assistant professor, restorative dentistry; Joshua Cartter, DDS, third-year resident, advanced specialty education program in prosthodontics; and Ewa Parciak, DDS, second-year resident, advanced specialty education program in prosthodontics, facilitated oral cancer screenings for 141 attendees of the conference.

Among the women screened, the dentists iden-

tified 15 who presented with areas of concern or abnormalities that needed follow-up with the patient's general practitioner or specialist.

"If the screenings caught something that would otherwise have gone undetected, then the event was more than successful," says Tina Malmberg, manager, faculty dental practice at the school's Center for Dentistry and Orthodontics.

Beyond his oversight of the school's clinical presence, Dr. Kattadiyil spoke to a breakout session about "The Power of a Smile," emphasizing the life-enhancing effect of healthy, beautiful teeth on self-confidence and overall quality of life.

Dr. Kattadiyil reviewed the dental options for maintaining the perfect smile and said, "In this day and age when the patient has multiple options for treatment to create that beautiful

smile, a prosthodontist can be a tremendous resource in bringing different specialists together and lead that team to plan, sequence, and achieve the most favorable result in highly complex situations."

Krista Juhl, MBA, director of marketing, arranged for the School of Dentistry's presence at the Loma Linda University Health-sponsored Speaking of Women's Health Conference and provided 1,000 women with information about its Center for Dentistry and Orthodontics.

Krista Juhl and Tina Malmberg visit with conference attendees. →



ASDA student leaders convene at district meeting hosted by Dugoni School ...

Continued from page 6

Douglas Baasch (class of 2014), Thomas Schaffer (class of 2015), and James Fedusenko (class of 2016) also attended as Loma Linda University School of Dentistry representatives to the ASDA meeting.

Invited guests from the California Dental Association (CDA) hosted breakout sessions focused on topics such as oral health access barriers and the current scope of regulations in dentistry.

Speakers from the CDA included Dr. Daniel Davidson, president; Dr. Carol Summerhays, foundation co-founder and American Dental Association District 13 trustee; Gayle Mathe, director of policy development; and Teresa Pichay, practice analyst.

Andrew Smith, governance and advocacy manager for the American Student Dental Association, also attended the meeting and spoke to attendees about the current state of dental education, and ASDA's activities. Speakers from the Dugoni School of Dentistry included Dean Patrick J. Ferrillo Jr. and Dr. Craig Yarborough, associate dean for institutional advancement, as well as numerous ASDA leaders.

"It was fun to see so many dental students from throughout California representing their schools at the district meeting," says Ms. Marquis. "The meeting was a great chance for students to learn about what's going on in dentistry in California, hear about other school programs, learn more about ASDA, and meet other student leaders."

LLUMC physician discovers errors in national research database

Continued from page 4

out of calibration the survey was. About one fourth of the entries were entirely wrong. Either the patient never had an intubation or their disposition was entered incorrectly into the database."

Dr. Green says the result of having statistically

incorrect information in the database could be felt in human terms.

"This huge database that so many of us are relying on is potentially wrong," he concludes. "It may mean that some of these other studies are leading to erroneous conclusions that may be unreliable."

REMEMBRANCES

Jess Hayden Jr. remembered as a dental pioneer and family man

By James Ponder

At his November 5 memorial service at Loma Linda University Church, dental pioneer Jess Hayden Jr., DMD, PhD, was eulogized not only for outstanding professional contributions, many of which were made during his tenure at Loma Linda University, but also for devotion to his family. He passed away October 19, 2013, in Loma Linda.

Born January 30, 1926, in Eugene, Oregon, the future Dr. Hayden graduated from Woodburn (Oregon) High School in 1943. In 1947, when he was 21, he became the youngest student ever to graduate with the DMD degree from the University of Oregon.

In 1955, he received his master's in pediatric dentistry from the University of Michigan, followed by a PhD in anatomy from Loma Linda University in 1962.

During the Korean War (1950-1953) and the first Persian Gulf War (1990-1991), Dr. Hayden served his country as a captain in the United States Navy.

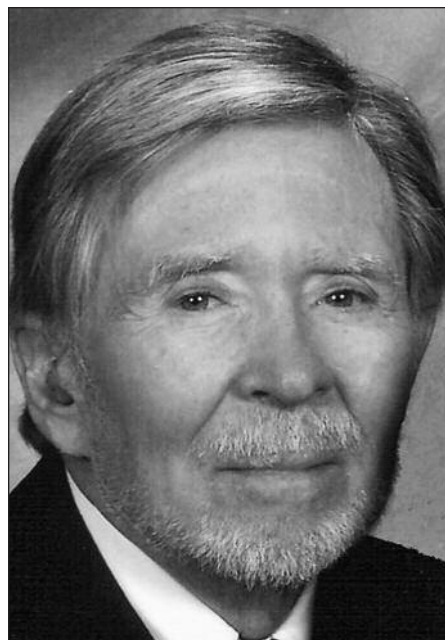
Just before entering the Korean War, he married Esther Matthews in 1951; they were married 38 years before divorcing in 1989. Altogether, he devoted more than 41 years to serving the Navy in active duty and the reserves.

Dr. Hayden practiced dentistry in Eugene, Oregon; Denver, Colorado; and Redlands and San Bernardino, California; was a research fellow in dental anesthesia at Children's Hospital of Los Angeles in 1974; and a senior clinical fellow at University of Colorado Medical Center in 1978.

That same year, he also served as chief of anesthesiology at the National Institute of Dental Research in Bethesda, Maryland.

Dr. Hayden also served as an accreditation consultant for the Council on Dental Education of the American Dental Association; a member of the American Dental Society of Anesthesiology; a consultant for the U.S. Naval Hospital at Camp Pendleton, California; co-principal investigator for the National Institutes of Health; and a member of many other professional organizations.

He held academic appointments with the United States Navy, VI Fleet; the University of Michigan; the Royal Dental College, in Aarhus, Denmark; the University of Iowa; and Loma Linda University, where he taught anatomy at the Schools of Dentistry and Medicine.



Jess Hayden Jr., who passed away October 19 at the age of 86, was acclaimed as a devoted family man and academic giant.

By far the most far-reaching of his academic achievements came to light in 1966 when Dr. Hayden teamed with Niels Bjorn Jørgensen, his professional partner and colleague, to co-author *Sedation, Local and General Anesthesia in Dentistry*. The textbook was widely regarded as a major contribution to the field of dental pain control and was distributed throughout the United States, Western Europe, and South America.

According to Loma Linda University historian Richard A. Schaefer, the story of how the book was written involves an unusual twist.

"Dr. Jørgensen and Dr. Hayden both conducted research for the book," Mr. Schaefer observes, "but because Dr. Jørgensen was not a native English speaker, he needed help putting his ideas into written form."

"Dr. Hayden not only contributed his own research, but also translated Dr. Jørgensen's ideas and findings into academic English. Loma Linda University School of Dentistry owes much of its international reputation to the Jørgensen technique," he continues, pointing out that many people know it by the alternate name of "the Loma Linda technique. It was enormously influential."

Dr. Hayden is survived by his second wife, Anita Rockwell-Hayden, whom he met in 1993 and married in 1996; son Roderick; son Gregory and his wife Elaine; son Joel and his wife Linda; daughter Janie MacArthur and her husband John; stepdaughter Janell Ehrler and her husband Todd; stepdaughter Jill Campbell; stepson Steve Campbell; five grandchildren, six step-grandchildren, and two step-great-grandchildren.

Campus holds drill for large earthquake ...

Continued from page 8

"As we move toward an integrated system in which both the University and Medical Center will work together through a single emergency command center," he continues, "we're discovering and overcoming obstacles unique to our campus because of its large size."

The drill had to be cut short by about 45 minutes when electricity truly did flicker on and

off around 11:00 a.m. In response, members of the drill transitioned into fulfilling the roles they had just been practicing.

Rapid assessment revealed that, while electricity was lost in parts of the Medical Center and University, hospital units that went dark immediately switched to backup generator power. Patient care was unaffected, and full power was shortly restored.

STATE OF THE MEDICAL CENTER

CFO says Medical Center financial position is positive, but challenging

By James Ponder

Despite significant economic pressures generated by upcoming changes to the way health care is delivered and reimbursed in the United States and a sweeping transformation of the Loma Linda University Medical Center campus, Steve Mohr, CPA, MBA, chief financial officer, says the organization is finishing 2012 on solid financial footing.

“Overall, the Medical Center is projecting to close this year with a very positive bottom line compared to budget,” Mr. Mohr reports.

He adds that much of the fiscal buoyancy the Medical Center currently enjoys is the result of assistance from the California Quality Assurance Fee Program, which is set to expire in December 2013.

“Over the last several years,” he notes, “the program has helped to at least partially make up for the very significant gap between what it costs us to provide care for Medi-Cal patients versus what we are actually reimbursed.”

While he hopes the state legislature will see fit to extend the program beyond 2013, Mr. Mohr says he and the rest of the executive team are taking steps to ensure that the organization’s finances remain solid with or without it.

“Although the last several years have been positive ones in terms of the bottom line,” he observes, “without the Quality Assurance Fee Program funding, we’re looking at ways to reduce costs and enhance revenue in order to continue to have a firm, long-term financial foundation for the organization.”

Mr. Mohr points out that the need for solid financial infrastructure is accentuated by national health reform.

“Government health reform represents a move to more of an outward focus on population health management over a broader scope of individuals in our communities,” he says.

Despite the fact that the new approach poses challenges, Mr. Mohr believes it will ultimately represent an opportunity for the Medical Center to impact in a positive way the health of

the communities served.

“Frankly, the Affordable Care Act, with its emphasis on early health interventions and wellness, complements ideas our organization was founded on 110 years ago. It’s a wellness model versus an illness model. I think it’s going to be challenging for academic health care to adapt to this new model and continue to ensure a steady flow of new doctors, nurses, and other health care professionals. But all in all, when it comes to trying to keep people healthy, I think we have a lot to share with our vision of a balanced lifestyle.”

He believes the recent downgrade of the Medical Center’s bond rating by Fitch Ratings, a credit ratings agency, reflects national and state issues more than specific institutional concerns.

“Our 2012 financial picture is stronger than in 2011 and 2010,” he says. “We have more cash on hand, higher days of cash on hand, similar levels of debt, and a better bottom line. Yet both Fitch and Moody’s rating agencies have assigned a lower bond rating, so I think some of the factors aren’t related to the institutional performance, which is higher, but to concerns over American health care as a whole.

“That’s especially true,” he continues, “in light of the significant changes in the Affordable Care Act and the shift from treating illness to population health management and the related revenue model change. There is universal concern about the industry in general. Ratings agencies are putting a higher level of scrutiny on institutions they evaluate and have become more conservative because of that.”

Fitch Ratings, the global financial rating agency headquartered in both New York and London, recently lowered its view of Loma Linda University Medical Center’s outstanding debt from BBB with a negative outlook to BBB— with a stable outlook.

Even so, that is not enough to push the Medical Center out of the “good credit quality” category.

“‘BBB’ ratings indicate that expectations of default risk are currently low,” notes a PDF document downloaded from the Fitch Ratings website,



Steve Mohr, CPA, MBA, chief financial officer for Loma Linda University Medical Center, says the organization is finishing 2012 on solid financial footing.

found online at <www.fitchratings.com>.

Mr. Mohr is not overly concerned with the downgrades.

“They like our strategy and believe we have a good plan for our community,” he notes. “The things that they’re concerned about are that we’re still mid-strategy with the Murrieta facility—it’s not yet performing at the level we believe it will be in the near-term future—and the high penetration of Medi-Cal and Medicare business the Medical Center provides.”

Mr. Mohr says the upcoming campus transformation program adds to his eagerness to make sure the organization rests on a strong financial basis.

After costs of retrofitting to meet the seismic safety requirements of SB1953 proved prohibitively expensive, the Loma Linda University Medical Center Board of Trustees voted to rebuild both the Medical Center and Children’s Hospital in the current main parking lot.

“There is a large amount that remains unfunded or must be funded through debt,” he acknowledges. “We have to make sure we’re going to have access to the capital markets to borrow money for our investment in the transformation.”

When he says “a large amount,” Mr. Mohr isn’t exaggerating.

“The total cost of the project,” he discloses, “will be approximately \$800 million. An additional \$160 million in funding will come from Propositions 61 and 3, and \$200 million more is expected from philanthropy. We may need to borrow the difference.”

When asked how his team plans to strengthen the organization’s finances for the challenges ahead, Mr. Mohr says the key is to increase efficiency.

“We’re doing several things,” he reports. “Flexing our staffing where possible to meet specific demands; looking to tie our contracting to

Please turn to page 3

CAMPUS PREPAREDNESS

Campus holds drill for large earthquake

By Heather Reifsnyder

Loma Linda University Health employees practiced responding to a large earthquake and power-loss scenario during a statewide drill the morning of November 15.

Departments from across the University and Medical Center participated, and campus officials also kept contact with other hospitals, the City of Loma Linda, and San Bernardino County to ensure seamless collaboration in the event of a real emergency.

The drill included evacuation of mock patients from the Medical Center, and the medical staff planned for complex scenarios such as the transfer of patients on ECMO life support.

Staff members also had to plan accommodation for the influx of injured patients that could occur following a major earthquake.

On the University side, assessment teams reported hypothetical damage to Lindsay Hall, Daniells Residence Complex, Prince Hall, and the Business Center. These buildings were then evacuated as part of the drill.

According to Brett McPherson, supervisor for emergency management, the exercise accomplished its purpose—fostering campus-wide cooperation and revealing vulnerable points to be improved upon. “We learned quite a bit while going through the drill,” he says.

Please turn to page 7



Volume 25, No. 15 | Friday, November 30, 2012

Editor Dustin R. Jones, MA
djones@llu.edu

Managing editor/layout Larry Kidder, MA
lkidder@llu.edu

CORRESPONDENTS

Doug Hackleman, MA
dhackleman@llu.edu

Stephen Vodhanel, PhD
svodhanel@llu.edu

James Ponder
jponder@llu.edu

Nancy Yuen, MPW
nyuen@llu.edu

Heather Reifsnyder, MA
hreifsnnyder@llu.edu

Have a story that’s noteworthy? Send it to news@llu.edu

TODAY is a nonprofit news publication of Loma Linda University, operated under the auspices of the General Conference of Seventh-day Adventists.

Internal campus-based advertising accepted for publication in TODAY is intended to be a service to the students, staff, employees, and faculty of all Loma Linda University Health entities. No outside advertising is included in this publication. The management, at its sole discretion, reserves the right to refuse, without explanation, any advertisement. The acceptance of advertising in this publication does not represent an endorsement or guarantee of any kind by Loma Linda University, Loma Linda University Health, Loma Linda University Medical Center, or Loma Linda University Adventist Health Sciences Center.

Questions about content, campus-related advertising, and circulation should be directed to TODAY, Burden Hall, Loma Linda University, Loma Linda, California 92350. Phone (909) 558-7000. © 2012. All rights reserved.

www.llu.edu | www.facebook.com/lomalindauniversity