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TODAY - November 6, 2012

Loma Linda University

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INTERNATIONAL IMPACT

International health conference 'reclaims the vision'

By Dustin Jones

More than 300 health professionals and administrators from around the globe headed to Loma Linda for the first Global Health Care Conference, which was held October 18-21.

The conference, titled "Adventist Mission Hospitals: Reclaiming the Vision," was hosted by Loma Linda University in collaboration with Adventist Health International.

"I found the presentation on spiritual care very powerful," says Mercy Banda, a nurse at Lusaka Eye Hospital in Zambia. "I expect this conference will have an impact on how I treat my patients."

One of the more than 300 attendees to the conference, Ms. Banda and three of her Zambian coworkers, had never been out of their own country before. For them, this conference was more than just an opportunity to travel, however. It offered a chance to meet other professionals who face the same difficulties they do.

"I am meeting people from different countries that are helping me to see how they have solved their own problems," adds George Mamba Chama, acting principal tutor at Mwami School of Nursing in Zambia. "I am learning how we can work together to share resources."

In the opening plenary session, Richard Hart, MD, DrPH, president of Loma Linda University and Adventist Health International, walked participants through the history of health care in the Adventist Church and underscored its importance to the mission of the Church.

"The conference was one of the best I have participated in," says Peter Opreh, MD, CEO at Adventist Hospital Ile-Ife in Nigeria. "The sessions went beyond just professional best practices and highlighted a paradigm shift toward public health in the various communities. I understand that we need to step up our outreach in our communities."

Presentation topics for the conference ranged from board governance to financial management to strategic planning. The presentations were streamed live over the Internet to more than 30 different countries and around the United States.

The LLU Global Health Institute (GHI) provided overall conference leadership, with support from a conference planning committee with cross-campus representation. In addition, GHI coordinated all logistics for more than 100 international attendees, including arranging flights, transportation, and accommodations.

On Sabbath, Lowell C. Cooper, MPH, general vice president of the General Conference of

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More than 300 health care professionals and administrators attended the first Global Health Care Conference, which was hosted October 18 to 21 by Loma Linda University in collaboration with Adventist Health International.

HISTORICAL HERITAGE

Heritage Research Center celebrates renaming with ribbon-cutting

By Larry Kidder

More than 120 people squeezed into the lobby of the Heritage Research Center (HRC), officially renamed and reopened during a special program on Saturday, October 27.

Keynote speaker for the grand opening was James Nix, MDiv, MSLS, director of the Ellen G. White Estate and founding director of the HRC.

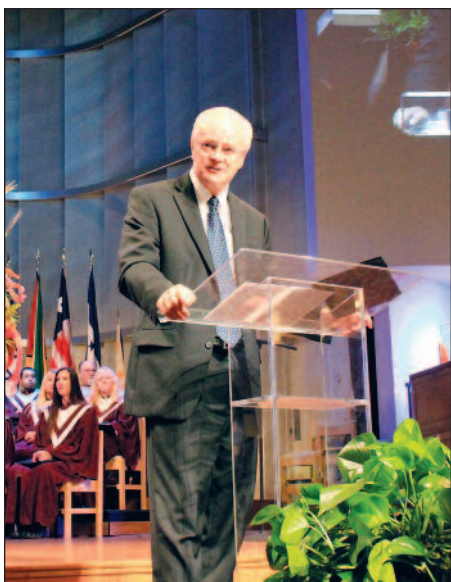
Mr. Nix recounted a number of stories about the beginning and early days of the center, as

well as some of the more memorable acquisitions that have made it one of the largest repositories of Adventist-published literature in the Seventh-day Adventist denomination.

However, the primary purpose of the HRC has been, from its beginning, to house and protect historical documents related to the College of Medical Evangelists and its successor, Loma Linda University Health.

Recent renovations have enlarged and improved the HRC, providing additional display and

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Lowell C. Cooper, MPH, general vice president of the General Conference of Seventh-day Adventists, shares the message "A Healing Presence—In Jesus' Name" during the service at Loma Linda University Church.



Richard Hart, MD, DrPH, president of Loma Linda University and Adventist Health International, gives the opening plenary session, titled "Health Care Leaders Once Again?"



Assisting in the ribbon-cutting ceremony, officially opening the Loma Linda University Heritage Research Center (HRC), are (from left) Ronald Carter, PhD, provost of the university; James Nix, MDiv, MSLS, director of the Ellen G. White Estate and founding HRC director; and Carlene Drake, MSLS, director of university libraries. The event took place on Saturday, October 27, and follows extensive renovation and growth of the facility.

LOMA LINDA PEOPLE

Campus welcomes new senior vice president for patient care services

By Dustin Jones

Judith Lloyd Storfjell, PhD, recently joined Loma Linda University Medical Center as senior vice president for patient care services. Dr. Storfjell will serve as chief nursing officer, and associate dean of practice and research at LLU School of Nursing. The Loma Linda University Adventist Health Sciences Center Board of Trustees named Dr. Storfjell to these positions at its May 22 meeting.

Dr. Storfjell brings to the positions extensive experience in education, research, health care

administration, consulting, publishing, lecturing, and health care consulting.

“This is an exciting time for health care,” says Dr. Storfjell. “My time serving on the LLU Boards helped me realize how uniquely qualified Loma Linda University Health is to become a national leader in health care integration and quality with a dynamic focus on health and wellness. I am privileged to be a part of this journey.”

She previously served as professor; associate dean for practice, partnerships, and policy; and

executive director of the Institute for Health-care Innovation at the University of Illinois at Chicago College of Nursing. She was responsible for the entrepreneurial and clinical practice initiatives of the college, as well as instructing graduate classes on health care financial and strategic management.

In terms of research, Dr. Storfjell has been funded to study: nurse retention; models of nurse-managed primary care for underserved individuals, physically disabled women, and persons with severe mental illness; care management and population health; and costs associated with acute care nursing units and home care interventions.

Dr. Storfjell also brings extensive experience in health care management and administration to her new positions. She is founder and past president of a diversified home health care company that operates in several states and is affiliated with a multi-institutional health care system. As president, she had overall responsibility for the development, management, and viability of certified home health and hospice programs, as well as private duty services.

For more than 20 years she has consulted on health care projects throughout the United States and abroad with specific emphasis on the organization and management of health care entities, strategy development and implementation, and positioning organizations for long-term viability. Her expertise extends to the integration of financial and operational strategies, activity-based costing, and the balanced scorecard concept in health care settings.

Dr. Storfjell has consulted on several Center for Medicare & Medicaid Services and Centers for Disease Control and Prevention projects, including the Community Nursing Organization project (to study capitation in home care); the home care prospective payment and case mix development projects; and the Maine Public Health Emergency Preparedness programs.



Judith Lloyd Storfjell, PhD

Dr. Storfjell has lectured and published extensively on productivity, health care costs, and care management. She is co-author of the Community Health Accreditation Program’s standards for home care and community health organizations as well as co-author of the *Easley-Storfjell Instruments for Caseload/Workload Analysis* including a well-used patient complexity classification system.

She received a PhD in nursing from the University of Michigan with emphasis in health care administration, research, economics, and gerontology; an MS in community health nursing administration from the University of Michigan; and a bachelor’s degree in nursing from Walla Walla University.

Dr. Storfjell has served as Board member for several LLUAHSC Boards since 2008. In addition, she served on the boards of two other health systems, a university, and an international NGO. She is a member of the professional advisory board of United Healthcare and a fellow of the American Academy of Nursing.

LLUMC-MURIETTA

Liz Dickinson moves to LLUMC-Murrieta



Elizabeth Dickinson, MPH (left), chief nursing officer at LLU Medical Center since 2002, shares a tearful goodbye with friends and coworkers during a farewell event held October 11 at LLU Children’s Hospital. Ms. Dickinson has been named chief nursing officer and chief operating officer for Loma Linda University Medical Center–Murrieta. With her are Richard Hart, MD, DrPH (center), president of Loma Linda University Health, and Ruthita Fike, MA, chief executive officer of LLUMC.

HIV AND HEART ATTACKS

LLU researchers show higher death rates for HIV-positive heart attack victims

By Heather Reifsnnyder

HIV-positive individuals not only suffer a higher rate of acute heart attack than people without the virus, but they are also twice as likely to die in the hospital after admission for heart attack, according to a study published in October in *The American Journal of Cardiology*. No previous study has demonstrated this difference.

A takeaway is that physicians should take cardiovascular risk in the HIV population more seriously, as well as monitor the heart health of these individuals at younger ages than the general population, due to their increased risk, says lead author Daniel Pearce, DO, associate clinical professor in the LLU School of Medicine.

“I have been an HIV specialist and researcher for 24 years and have noticed that HIV patients seemed to have poorer outcomes when hospitalized,” he says of his motivation to do the study. “They also have been shown to have increased complications from cardiovascular diseases as they live longer now with the new, very effective treatments for HIV.”

The difference in survival rates after heart attack may be partially due to the increased number of additional health complications in patients with HIV, Dr. Pearce says. But the study also showed that hospitals are less likely to treat HIV-positive patients with as many life-saving procedures.

“This is the first study we know of to document disparities in treatment processes for acute myocardial infarction in seropositive patients,” the study notes, “and although we cannot explicitly ascribe our observations to discrimination in the process of care, further studies may be required to explore the underlying explanatory factors associated with this observation.”

Additionally, the HIV-positive patients were more likely to be on public insurance payer systems, indicating lower socioeconomic status—another increased threat to survival after heart attack.

The HIV-positive individuals were also younger and fewer of them smoked, but more of them died. Even when the data were controlled

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International health conference ‘reclaims the vision’ ...

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Seventh-day Adventists, shared the message of “A Healing Presence—In Jesus’ Name.”

Mr. Cooper is chair of the Loma Linda University Board of Trustees and also chair of the Adventist Health International Board.

“Being at this conference was what I imagine heaven will be like,” says Siow Leong Fam, MD, general surgeon at Adventist Hospital Ile-Ife. “I met with missionaries from all parts of the world and saw old friends from India, Zambia, and Malawi. This has emphasized to me that we are one family.”



Attendees were encouraged to wear their native dress to a cultural banquet in their honor, held on Sunday, October 21.

COMMUNICATION EXCELLENCE

Office of public affairs receives perfect score in peer-reviewed competition

By James Ponder

The office of public affairs received the rare distinction of a perfect score during the annual awards banquet for the Public Relations Society of America–Inland Empire, which was held October 24 at Center Stage Theater in Fontana.

Dustin Jones, MA, associate director of public relations, won the Polaris Award and a perfect score for his work as editor, writer, and designer for *Loma Linda Nurse*, an alumni publication for the School of Nursing. Marilyn Herrmann, PhD, RN, dean of the school, serves as executive editor for the publication.

“Traditionally, Loma Linda does very well when compared with other institutions and agencies in this area,” says Mr. Jones. “This is the first perfect score I have received in this competition.

I view it as encouragement that not only what we do has value, but that we can keep improving.”

Mr. Jones also won a Polaris Award for his work as editor and designer on the *Adventist Health International Annual Report*. Richard Hart, MD, DrPH, president of Loma Linda University and Adventist Health International, serves as executive editor for the publication.

The event was emceed by Mary Parks, senior public information specialist at Riverside County District Attorney’s Office. Ms. Parks previously served for more than 15 years as the bureau chief for KNBC.

The awards banquet is an annual celebration of public relations in the Inland Empire and encourages professionals to increase quality and accountability in their work. This year’s



Dustin Jones, MA, associate director of public relations, receives the Polaris Award from Noelle Afualo, president, Public Relations Society of America–Inland Empire.

competition featured public relations professionals from the private sector, government agencies, educational institutions, health care institutions, and PR agencies.

This year’s entries from the Inland Empire chapter were judged by the Tri-Cities Chapter of the Public Relations Society of America, located in Virginia.

PHILANTHROPY

Donation from Stater Bros. Charities provides a healing environment for kids undergoing treatment

Contributed report

Children undergoing long-term and follow-up treatment at Loma Linda University Children’s Hospital Specialty Team Centers now enjoy a more comfortable setting—complete with an underwater sea theme—made possible through a gift from Stater Bros. Charities.

A grand unveiling of the renovated Pediatric Specialty Team Centers was held Thursday, October 25. The unveiling marked months of renovations funded through a \$100,000 gift

from Stater Bros. Charities. The renovation included new flooring, 3-D sea-themed images on the walls, flat panel televisions, underwater murals, and interactive toys.

The Pediatric Specialty Team Centers at LLU Children’s Hospital provide comprehensive, one-stop care for children with chronic health issues, such as cystic fibrosis, spina bifida, heart disease, or diabetes. Patients spend much time at the Specialty Team Centers because of the frequency of treatments these conditions require.

“Stater Bros. Charities is committed to helping

the smallest members of our community have the brightest future possible,” says Jack H. Brown, chair and chief executive officer, Stater Bros. Markets.

According to Randy Possinger, assistant vice president for philanthropy at Loma Linda University Health, the renovations are helping enhance healing for pediatric patients. “Stater Bros. Markets and Charities,” he says, “have been invaluable partners with Loma Linda University Children’s Hospital Foundation, helping our children experience the best care possible.”

Heritage Research Center celebrates renaming with ribbon-cutting ...

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reading areas. For some years now, the entrance to the center has been located adjacent to that of Magan Hall, making it far more accessible to students, faculty, staff, and visitors.

Important dates in HRC history include:

- 1953: Historical Records Office is created and located in the Vernier Radcliffe Memorial Library on the second floor.
- 1965: Historical Records Office moves to the basement.
- 1972: Clair Burton Clark, an Adventist layman and book collector, donates his collection to Historical Records Office. Basement reading room is named in his honor.
- 1975: Historical Records Office becomes Department of Archives and Special Collections, due to its growing collection.
- 1976: Ellen G. White Adventist Research Center established.
- 1981: James F. Barnard Endowment established, providing continuing financial support for the archives.
- 1985: Ellen G. White Adventist Research Center becomes Ellen G. White Estate Branch Office.
- 2012: Heritage Room renamed Heritage Research Center.

Other important collections received and housed by the HRC include the Peterson Collection, acquired from the New York Public Library; the Lebowitz Collection, which has significantly increased holdings particularly in the area of Adventist history; and the congressional papers of Jerry L. Pettis, the first Adventist to serve in the U.S. Congress, as well as his wife, Shirley N. Pettis, who took over his congressional seat following his tragic death in 1975.

The Heritage Research Center also houses major collections in the area of health science and includes a significant collection on the history of nursing that was donated by the New York Academy of Medicine.

The HRC staff include: Theodore Levterov, PhD, director of the Ellen G. White Estate Branch Office; Lori Curtis, MA, MSLS, chair of the department of archives and special collections; Seth Bates, library assistant; and Trish Chapman, secretary.

The center is located on the west end of the Del Webb Memorial Library complex, accessed either from the library or the outside entrance at the south end of the Centennial Pathway. It is open to the general public.



Seven-year-old Kimie Metcalf of Chino, a patient at Loma Linda University Children’s Hospital, prepares to present a token of appreciation to Susan Atkinson (second from left), vice president of corporate affairs, Stater Bros. Markets and president, Stater Bros. Charities, and Sarah Cain (left), executive director of Stater Bros. Charities, during the unveiling of renovations at LLUCH Pediatric Specialty Team Centers.

LLU researchers show higher death rates for heart attack patients also with HIV ...

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for other possible causes (high cholesterol, age, race, gender, other diseases, hospital type, and number of procedures) the risk of death was still higher for the HIV patients.

This supports the idea that HIV itself is contributing to cardiovascular disease in these patients, according to Dr. Pearce.

The next step to address these disparities should be a prospective trial interviewing the health care providers of HIV patients with heart attacks to see why they made certain deci-

sions in order to delineate the reasons for the difference in care and outcomes.

The researchers obtained their data from the Nationwide Inpatient Sample, which is an initiative of the Healthcare Cost and Utilization Project, a federal-state-industry partnership sponsored by the U.S. Agency for Healthcare Research and Quality.

They focused on more than 2.5 million patients ages 18 to 65 who stayed in the hospital for more than one day after an acute heart attack.

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PHARMACY OUTREACH

School of Pharmacy puts learning into service at Market Night

By Stephen Vodhanel

Loma Linda University School of Pharmacy remains committed to mission-focused learning opportunities by engaging students in a community outreach program designed to bring medication information and prescription drug facts to the local community. For several years, the school has run an information booth at Redlands Market Night staffed by students, faculty, and staff.

Under the supervision of licensed pharmacists, students offer their knowledge to local community members seeking advice on their prescriptions or any other general drug and health information.

According to Brittanya Limone, class of 2015, serving at Market Night involves much more than setting up a booth and waiting for questions.

"Health is often not a very popular topic, especially with many of the local residents out for a

leisurely walk among the market booths," she says. "Often, students must bravely approach passersby to ask if they would be interested in learning more about their health. Most often people are very receptive to any information and service we may offer."

Giana Hasley, class of 2016, states that Market Night is an example of a key component of the University's mission.

"The University's mission teaches us to sustain a culture of service," she says, "and I am looking forward to serving the community at Market Night using the education and training I am receiving here at Loma Linda University. At Market Night, we are putting learning into service, one life at a time."

Students also have drug and health materials for people seeking more information on a multitude of health topics, and often this information disappears quickly. They also offer promotional items as a fun gift for people, and this year's hit was the syringe ballpoint pen.



Pharmacy students have a bit of fun with syringe ballpoint pen giveaways before their outreach at Redlands Market Night on October 11.

PROFESSIONAL ACHIEVEMENT

Dentistry faculty awarded fellowship in Academy of Dentistry International

By Doug Hackleman

A member of the Loma Linda University School of Dentistry faculty recently learned that he was named a fellow in the Academy of Dentistry International (ADI).

Michael Boyko, DDS, assistant professor, department of oral and maxillofacial surgery at LLU School of Dentistry since 1982, director of the Careers in Dentistry program, and an alumnus of the school was awarded fellowship in ADI during convocation ceremonies held at the academy's U.S.A. section meeting on October 21, 2012.

Fellowship in the academy is bestowed on dentists who have distinguished themselves in their profession and are nominated for the award by a fellow of the academy.

ADI is an honor society for dentists dedicated to sharing knowledge through continuing education in order to elevate the standard of dental care, better serve dental health needs, and improve the quality of life throughout the world.

In addition to ADI, Dr. Boyko is a member of the American Dental Association, Tri-County Dental Society, California Dental Association, and a fellow of the Pierre Fauchard Academy.



Michael Boyko, DDS

RESEARCH STRATEGIES

Research affairs hosts 'On Track to Research Success' conference

By Nancy Yuen

High-quality research generates information that can be used to address the challenges of life—from preserving the biological diversity of our planet to curing and preventing human disease.

At Loma Linda University Health, research proposals from such diverse disciplines as genomics, environmental biology, radiation biophysics, social science, cancer biology, regen-

erative medicine, and organ transplantation all cross paths in the department of research affairs.

The department manages the preparation and submission of grants and research contracts to a variety of government, private, and industry sponsors; administers research accounts; manages and develops intellectual properties; and oversees compliance with regulations governing research. Research affairs (once called the office of sponsored research) has been active for more than 40 years.

PROFESSIONAL PREPARATION

School of Pharmacy initiates programs to match students with residency programs

By Stephen Vodhanel, PhD

current residents from nine residency programs.

Loma Linda University School of Pharmacy introduced two new programs in its continued efforts to match pharmacy students with experiential residencies.

Students were able to meet with representatives from Desert Regional Medical Center, Kaiser Permanente-Fontana, Kaiser Permanente-Panorama City, Kaiser Permanente-Riverside, Loma Linda University Medical Center, Arrowhead Regional Medical Center, VA Loma Linda Healthcare, and CHA Hollywood Presbyterian Medical Center.

On Thursday, September 27, faculty and experts from Loma Linda University and Cedars Sinai Medical Center spoke to the PharmD students about their experiential education and professional development.

In a second event, the School of Pharmacy will host its first annual Residency Showcase, intended to bring together PharmD candidates with representatives of residency programs throughout California. The showcase will be held Thursday, November 8, from 5:00 to 8:00 p.m. at the Redlands Country Club, located in Redlands, California.

Speakers included Drs. Lee Lam and Jua Choi from Cedars Sinai Medical Center, as well as Drs. Marissa Schroer, Norm Hamada, and LaDonna Oelschlager from Loma Linda University School of Pharmacy and LLU Medical Center.

Later that evening, a reception took place at the Mission Inn, which provided an excellent opportunity for the pharmacy students to network with residency program directors and

For questions regarding the Residency Showcase at the Redlands Country Club, please contact Jen Mathew at (909) 558-7378 or <jmathew@llu.edu>.



A professional development seminar for students in the School of Pharmacy was held September 27 at the Mission Inn in Riverside, California.

To provide information about the services offered by research affairs, suggest tips on designing and organizing research projects, and encourage communication and collaboration among investigators, the department recently hosted a one-day seminar, "On Track to Research Success." According to Anthony Zuccarelli, PhD, the October 12 conference marked the inauguration of a series of monthly lunch sessions that will explore topics requested

by members of the research community at Loma Linda University Health.

"On Track to Research Success" was attended by more than 100 physicians, scientists, faculty, residents, students, and research coordinators throughout the institution. "We organized the conference to energize and empower investigators by providing information, resources, and

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COMMUNITY RECOGNITION

LLUMC honors Inland Empire clergy at appreciation luncheon

By James Ponder

Loma Linda University Medical Center honored approximately 100 leaders of Inland Empire faith communities at a special clergy luncheon on Wednesday, September 26, from 11:30 a.m. to 1:30 p.m. in Chen Fong Conference Center.

"You are vitally important to the spiritual and physical health of your congregation and the communities you care for," notes the invitation to the event. "We believe our shared mission of faithfully serving others is worthy of acknowledgement and support."

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Clergy from more than 50 faith communities of the Inland Empire shake hands and introduce themselves at the clergy luncheon hosted by Loma Linda University Medical Center on September 26. The event recognized the contributions of clergy to the spiritual and emotional life of the community.

Research affairs hosts 'On Track to Research Success' Conference ...

Continued from page 4

tools to help them achieve the highest measure of success," says Dr. Zuccarelli.



Anthony Zuccarelli, PhD, associate vice president for research affairs, welcomes attendees to the conference, "On Track to Research Success." The October 12 seminar marks the inauguration of a series of monthly lunch sessions on topics requested by members of the research community.

During the conference, a website that features practical information and tools for designing and administering research programs was introduced. The site may be accessed most directly from the "Research" link at the top of the public institutional website <llu.edu>. It contains information, policies and forms, as well as links to funding opportunities.

Conference attendees selected from one of two concurrent sessions, one on human subject research and the second on basic, animal, and translational research. Prior to the conference the department surveyed researchers, asking which topics they would like to explore. At lunch the researchers joined group discussions facilitated by experts from departments across campus who addressed more than a dozen of these topics. The sessions were videotaped, and the recordings will be posted on the research affairs website.

Comments from the researchers were positive and included the following: "The seminar was helpful and encouraging;" "I really like the new website. It is simple and full of information, good job;" and "Great workshop, please hold them more often." Attendees also provided ideas for future topics that will be used to plan monthly lunch sessions that will be held in the department of research affairs.

RESEARCH PROGRESS

Researchers show influenza spreading patterns

By Heather Reifsnnyder

Loma Linda University researchers have made new strides in understanding the spread of a disease that still kills today: influenza.

Former visiting scholar Yugo Shobugawa, MD, PhD, and Seth Wiafe, MPH, director of LLU's health geoinformatics program, published the results of a 10-year data analysis of influenza in Japan in the *International Journal of Health Geographics* during the summer.

"The spread of infectious diseases is quite difficult to analyze and understand," says Dr. Shobugawa, "particularly influenza because it is transmitted mainly by droplets from human to human, and human behavior is complex.

"In our article, we showed a simple expression of influenza distribution patterns," he continues. "I think this is the starting point for clarifying influenza spreading trends."

The study uses a novel measurement called weighted standard distance to analyze spreading patterns from 1999 to 2009 in Japan.

The country offers significant amounts of data

for studying the spread of influenza because cases are surveyed nationally each week. These results are the first to demonstrate a correlation between influenza types/subtypes and their differing spatial distributions.

Dr. Shobugawa, who has now returned to Japan and a position at Niigata University Graduate School of Medical and Dental Sciences, will continue the research by taking into account social factors such as population density and methods of human travel.

This research would be impossible for Dr. Shobugawa, he says, if he hadn't taken Mr. Wiafe's basic course in geographic information systems during his year at Loma Linda University. Dr. Shobugawa began this research for Mr. Wiafe's class and continued it upon his return home.

"It would be my pleasure to further clarify the spreading pattern of influenza," Dr. Shobugawa says. "If we can do so in a clear way, it should help to predict outbreak timing and patterns, allowing us to protect ourselves from flu waves."

In addition to Mr. Wiafe, several of Dr. Shobugawa's Japanese colleagues are also co-authors of the study.



Dr. Yugo Shobugawa worked at Loma Linda University as a visiting scholar during the 2010-2011 school year. This picture shows him in his office in the Centennial Complex.

PROFESSIONAL ACHIEVEMENT

Dentistry professor recognized for esthetic dental research

By Douglas Hackleman

Research into the color and appearance of teeth has led to national recognition for an LLU School of Dentistry associate professor.

So Ran Kwon, DDS, PhD, MS, associate professor, department of restorative dentistry, received the VITA Award for excellence in research related to color and appearance in esthetic dentistry by the Society for Color and Appearance in Dentistry (SCAD) at its annual meeting held September 28-29 in Chicago.

SCAD was founded in 2008 as a consortium of dental professionals and other experts interested in esthetic dentistry that is specifically related to scientific investigation and application of color and appearance.

Dr. Kwon joined the LLU School of Dentistry faculty in the summer of 2011 as an associate professor in the department of restorative dentistry. One of her major

achievements is authorship of the textbook *Tooth Whitening in Esthetic Dentistry*, published in 2008 by Quintessence.



So Ran Kwon, DDS, PhD, MS,

BREAST CANCER SURVIVORS

Breast cancer survivors celebrate triumph over cancer on The Pink Runway

By Herbert Atienza

More than 700 people turned out for a night of glamour designed to help breast cancer survivors celebrate their victory against

the often-deadly disease at the fourth annual installment of The Pink Runway fashion show, held Sunday, September 30, at the Riverside Auditorium and Events Center. The event, presented by Loma Linda University Health's

department of plastic surgery, was completely sold out.

The models, all breast cancer survivors who had breast reconstruction after mastectomy, showed off the latest fashions from Macy's.

Subhas Gupta, MD, PhD, chair of Loma Linda University Health's department of plastic surgery, praised the models for their courage in fighting breast cancer and encouraged all women to look into their reconstructive options post-mastectomy.

TUITION ASSISTANCE

Medical student wins on 'Who Wants to be a Millionaire'



Accompanied by fellow classmates, medical student Hans von Walter enjoys his performance on "Who Wants to be a Millionaire." The broadcast was shown in the Councilors Student Pavilion on Friday, October 26. Mr. von Walter walked away with \$60,000. To watch the episode, go to <www.youtube.com/watch?v=_YjJgSWQkd4>.



Models in evening and cocktail dresses show off the latest fashions during the finale of The Pink Runway event.

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WELLNESS DISTINCTION

LLU Health wins two worksite awards from American Heart Association

By Larry Kidder

The American Heart Association (AHA) recently informed Richard Hart, MD, DrPH, president of Loma Linda University Health (LLUH), that LLUH has been named a Gold Fit-friendly Worksite, and also received the Worksite Innovation Award.

“On behalf of the American Heart Association,” says Nancy Brown, CEO of the association, in a

letter dated October 5, “I would like to congratulate your organization on becoming a Gold Fit-friendly Worksite.”

Ms. Brown writes, “You are among an elite group of awardees for this important initiative.”

The letter continues, “Through your ongoing efforts to provide a culture of corporate wellness, your organization has demonstrated extraordinary, tangible results. The creativity and

leadership within your organization are an inspiration, and you can be proud of the positive impact you are making.”

Loma Linda University Health will be recognized for the awards on the American Heart Association’s website at <<http://startwalk.ingnow.org>>, as well as at local American Heart Association events and in communication materials supporting the recognition program.

“We at the American Heart Association commend your efforts,” Ms. Brown adds, “and look forward to seeing you continue to make great strides in the upcoming year.”



This workplace has been recognized by the American Heart Association for meeting criteria for employee wellness.

LAUGHTER RESEARCH

Researchers use wireless EEG system to study humor and laughter’s brain impact

By Heather Reifsnyder

Loma Linda University researchers are using new wireless EEG neurotechnology to study how humor/laughter and distress impact brain wave activities and power spectral density (wave intensity) in different regions of the brain. Their study shows mirth and laughter are associated with brain regions commonly identified with positive emotional affect.

This is a first step toward further research that

may open the door to a much larger picture of how other eustressors (positive or good stress) impact different areas of the brain when compared to distress.

The researchers—Lee Berk, DrPH, associate professor in the School of Allied Health Professions and associate research professor in the School of Medicine; Paula Cavalcanti, who is studying for her doctor of science degree in physical therapy; and Gurinder Bains, MD, a

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Wireless EEG neurotechnology from Advanced Brain Monitoring headquartered in Carlsbad, California, was used in the LLU study, revealing how humor and distress differently impact brain wave activity.

WHAT'S YOUR PLAN?

MANY STRENGTHS. ONE MISSION.

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LOMA LINDA UNIVERSITY
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A Joyful Celebration of Christmas!

Guest artist, Miclen LaiPang, age 17, virtuoso violinist

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Front Reserved: \$15
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Ticket Venues
(Tickets available November 1)
• ABC Christian Book Center, Loma Linda
• Berean Christian Bookstore, Redlands

Tickets by Mail
Send request, remittance, and a stamped, self-addressed envelope to Christmas Concert, PO Box 647, Calimesa, CA 92320

For More Information
More information is available on the **Concert Line (909) 795-4960**

Friday, December 21, 6:00pm*
Saturday, December 22, 4:00 pm and 6:00pm*
Calimesa Seventh-day Adventist Church
4th and Myrtlewood, Calimesa

*note time changes from previous years

Calimesa Community Concerts **27th Season**

BASIC SCIENCE RESEARCH

15th annual Basic Sciences Research Symposium examines how 'omics' affects personalized medicine

By James Ponder

The two co-chairs of the 15th annual Basic Sciences Research Symposium at Loma Linda University appropriated a somewhat obscure word in selecting a theme for the 2012 symposium, which was held in Wong Kerlee International Conference Center on Monday, October 29.

The word is "omics," and co-chairs Kimberly J. Payne, PhD, and Michael J. Pecaut, PhD, underscored the importance of the seldom-used suffix by including it in this year's theme: "Omics' and the path to personalized medicine."

In addition to chairing the event, Dr. Payne is assistant professor of anatomy and a member of the Center for Health Disparities and Molecular Medicine at LLU School of Medicine, and Dr. Pecaut is associate research professor in radiation at the Radiation Research Laboratories at Loma Linda University.

"Omics" appears at the end of words such as economics or ergonomics, but in this context it points directly to biological or chemical studies or specialties—genomics, metabolomics, and pharmacogenomics—that have been increasingly gaining recognition for their relevance to research.

"This year's Basic Sciences Research Symposium focused on translational studies that include many of the new 'omics' technologies that are making it possible to simultaneously gather data on genome-wide and proteome-wide effects," Dr. Payne explains. "These are the technologies that are making personalized treatment strategies possible and that will be integral to the medicine of the future." Translational studies are projects that bridge the gap between research and the practical needs of patients.

In her welcome, Dr. Payne included an invitation for basic science and clinical researchers interested in pursuing studies with patient samples to contact her for participation in a network that is being developed to facilitate translational studies.

Keynote speaker M. Eileen Dolan, PhD, who serves as professor of medicine and chair of the committee on clinical pharmacology and pharmacogenomics at the University of Chicago, is an expert in the burgeoning field of "omics" research. Not surprisingly, she included the word in the title of her address: "Identification of pharmacogenomic markers in oncology."

In her research, which focuses on identifying cancer patients at risk for non-response or for dose-limiting toxicities prior to the administration of chemotherapy, Dr. Dolan works with "omics" on a regular basis. In addition to serving as co-principal investigator on an NIH study titled "Pharmacogenomics of anticancer agents research," she co-leads the pharmacogenomics and experimental program at the University of Chicago's Comprehensive Cancer Center.

Paul Herrmann, MD, PhD, associate professor in pathology and human anatomy at LLU School of Medicine and in clinical laboratory science at LLU School of Allied Health Professions, chaired the morning's mini-symposium, which shared the "omics" theme with the main symposium.

Other mini-symposium presenters included: Eugenia Mata-Greenwood, PhD, assistant research professor in the Center for Perinatal Biology at LLU School of Medicine, who discussed "Molecular markers of endothelial cell sensitivity to steroids;" Michael De Vera, MD, director of LLU Transplantation Institute, who presented on the topic of "Immune monitoring in clinical transplantation;" Salvador Soriano, PhD, associate professor of anatomy at LLU, who shared his thoughts on "The amyloid hypothesis of Alzheimer disease: a doctrine in need of reformation;" and Ravi Goyal, PhD, assistant research professor at LLU Center for Perinatal Biology, who talked about "A systematic approach to microarray data analysis."

After lunch and a vendor show at noon, guests attended two poster sessions showcasing the work of student researchers from Loma Linda University. The students discussed their find-

ings on a wide variety of topics, some of which included "omics."

In the afternoon, a student-led breakout session addressed the question of "Alternative career pathways: what you do with a PhD outside of academia."

LLU graduate students Dequina Nicholas and Abby Weldon chaired the breakout session. A panel of LLU alumni and regional biotech speakers from the industrial, business, and government sectors joined the moderators for the discussion. Dr. Payne noted that this was the first student-led breakout session in symposium history.

The final two items on the docket for the day were the presentation of student awards and the closing remarks.

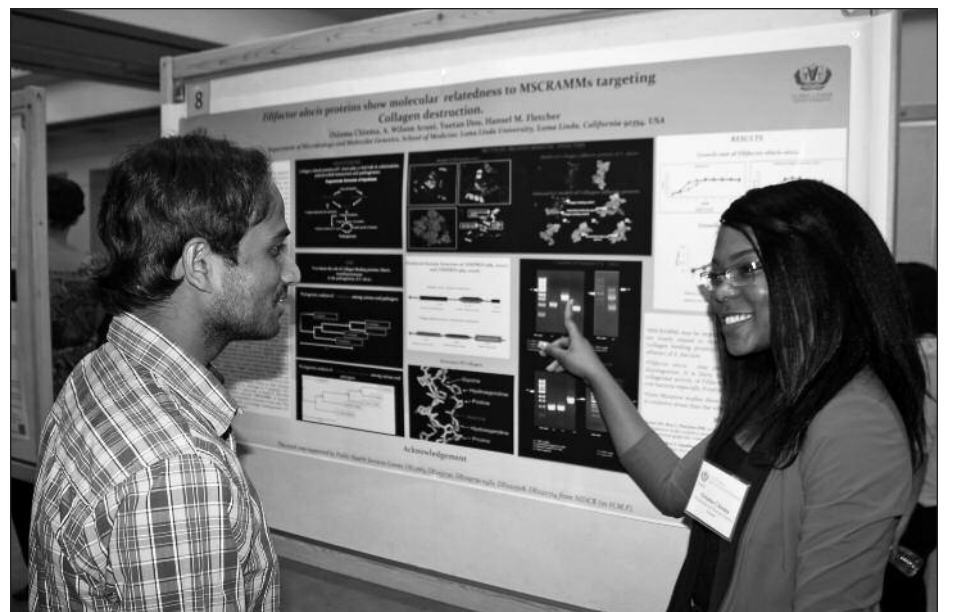
Christopher Perry, PhD, assistant professor in basic sciences at LLU, chaired the judging committee and announced the winners of the

student research poster competition. Whitney Evans won honorable mention for her research titled "E6* inhibits tumor formation in cervical carcinoma cells." Ozioma Chioma took third place for "Filifactor alovis proteins show molecular relatedness to MSCRAMMs targeting collagen destruction."

Megan Plank garnered second prize with "Urinary excretion of uric acid and allantoin in the late preterm infant: shedding light on an understudied population." Jessica Kanady won first prize with "Nitrate reductase activity of bacteria in saliva of term and preterm infants."

Dr. Payne noted that this year's symposium was the first to offer a travel award to enable the student who received the highest score in the poster competition—in this case, Jessica Kanady—to attend a scientific conference.

"We were very pleased with this year's symposium," notes Maria Villarreal, co-chair of the logistics committee. "We had more than 200 attendees and the impression I got from talking with many of the participants and guests was that they found the symposium to be informative and helpful."



Ozioma Chioma, a doctoral student in microbiology at Loma Linda University School of Medicine, explains the finer points of her research poster to Aman George, PhD, a postdoctoral researcher at LLU Center for Perinatal Biology, during student poster presentations at the 15th annual Basic Sciences Research Symposium, which was held in Wong Kerlee International Conference Center on Monday, October 29.



Penelope Duerksen-Hughes, PhD (left), associate dean at Loma Linda University School of Medicine, presents a gift of appreciation to keynote speaker Eileen Dolan, PhD (center), professor of medicine and chair of the committee on clinical pharmacology and pharmacogenomics at the University of Chicago, at the 15th annual Basic Sciences Research Symposium. Eileen Brantley, PhD (right), assistant professor of basic sciences at LLU School of Medicine, introduced Dr. Dolan prior to her delivery of the Ryckman lecture at the event.



Penelope Duerksen-Hughes, PhD, associate dean at Loma Linda University School of Medicine, showcases the winners of the student research poster competition at the 15th annual Basic Sciences Research Symposium: (from left) Jessica Kanady (first prize), Megan Plank (second prize), Ozioma Chioma (third prize), and Whitney Evans (honorable mention). The symposium was held October 29 in Wong Kerlee International Conference Center.

INTERNATIONAL HOSPITALITY

Chinese guests meet dinosaurs and make new friends on Southwest adventure

By James Ponder

Merle Graffam, the paleontologist who discovered a rare dinosaur just 20 miles from where we stand, is giving six Chinese health professionals, Praktan Kokila, and myself an impromptu lecture on the richest dinosaur site in North America. We're on a four-day tour of the Southwest and right now, we're at the Bureau of Land Management visitor center in Big Water, Utah.

"Did you see that dark gray color on the cliffs when you drove in?" he asks, pointing north. "That's an ancient seabed, rich in fossils."

Mr. Graffam informs us that since President Clinton signed the bill creating Grand Staircase-Escalante National Monument in 1996, more than 150 species of prehistoric critters, many previously unknown to science, have

been found in the 1.9-million-acre park.

"This area is a wonderland for paleontologists," he enthuses.

One of the new dinosaurs, *Nothronychus graffami*, bears his name. Prior to Mr. Graffam's discovery 12 years ago, the sickle claw dinosaur family was only known from partial skeletons in Asia, but he found a complete specimen of the new species right here in southern Utah.

The serendipity of meeting Mr. Graffam this morning and getting a first-class introduction to regional paleontology is just another reason this trip is turning into a memorable adventure.

Before going further, allow me to introduce our guests:

The first three—"Janis" Qin Jianfen, a general



Six Chinese health professionals and volunteer driver Praktan Kokila (left) from Loma Linda University pause to commemorate their September trip to a number of sites in the American Southwest. In addition to Zion National Park in Utah, where this photo was taken, the group visited a variety of archaeological and historical sites in Arizona as well as Las Vegas. From left: Mr. Kokila; "Joe" Zhou Dayong, MD; "Michelle" Zhang Ling; "Michael" Peng Guoping, MD; "Gina" Wu Xiaohong, MD; "Janis" Qin Jianfen; and "Kitty" Jin Xiaohong, MD.



Merle Graffam, a paleontologist affiliated with the Bureau of Land Management in Big Water, Utah, told a Loma Linda University delegation, composed of six visiting Chinese health professionals and two volunteer drivers, that more than 150 species of prehistoric dinosaurs have been discovered in the 1.9-million-acre expanse of Grand Staircase-Escalante National Monument. Despite its diabolic appearance and nomenclature, *Diablo triceratops*, the dinosaur pictured with Mr. Graffam, is thought to have been a vegetarian.

surgery nurse, "Joe" Zhou Dayong, MD, an emergency physician, and "Kitty" Jin Xiaohong, MD, an ophthalmologist—are from Sir Run Run Shaw Hospital.

"Michael" Peng Guoping, MD, a neurologist, and "Michelle" Zhang Ling, an administrative assistant, hail from Zhejiang University Children's Hospital.

"Gina" Wu Xiaohong, MD, an internist and respiratory care physician, teaches at Zhejiang University School of Medicine. All these respective organizations are based in Hangzhou, China.

Our six guests are participants in one- or two-month mentorship programs offered through the Global Health Institute of Loma Linda University. As we've done many times before, Mr. Kokila and I volunteer to take them on these trips.

After pulling out of Loma Linda at 6:07 a.m. on Friday, August 31, we headed out Interstate 10 and across the desert, arriving in Jerome,

Arizona, at 1:00 p.m. for lunch.

The scenery is spectacular. From its perch at 5,200 feet atop the summit of Cleopatra Hill, Jerome plays host this afternoon to banks of white cumulus clouds marching across the sky below us. Every now and then, a ray of sunlight reveals a red sandstone cliff across the Verde Valley in Sedona.

On the suggestion of Cody DeLong, a gifted landscape painter who maintains a studio in this 1880s copper mining town, we're dining at Quince Cantina & Spirits, a fine dining establishment whose name is pronounced "keen-say" after the Spanish word for the number 15.

Quince's cuisine merits 15 on a scale of 10. Our guests enjoy colorful platters of tacos and tortas while I savor blue corn enchiladas stuffed with sweet Crimini mushrooms and exotic Mexican cheeses. A look of sheer bliss sweeps across Praktan's face as he bites into a chile relleno.

"You have got to try this!" he exclaims, offering me a sample.

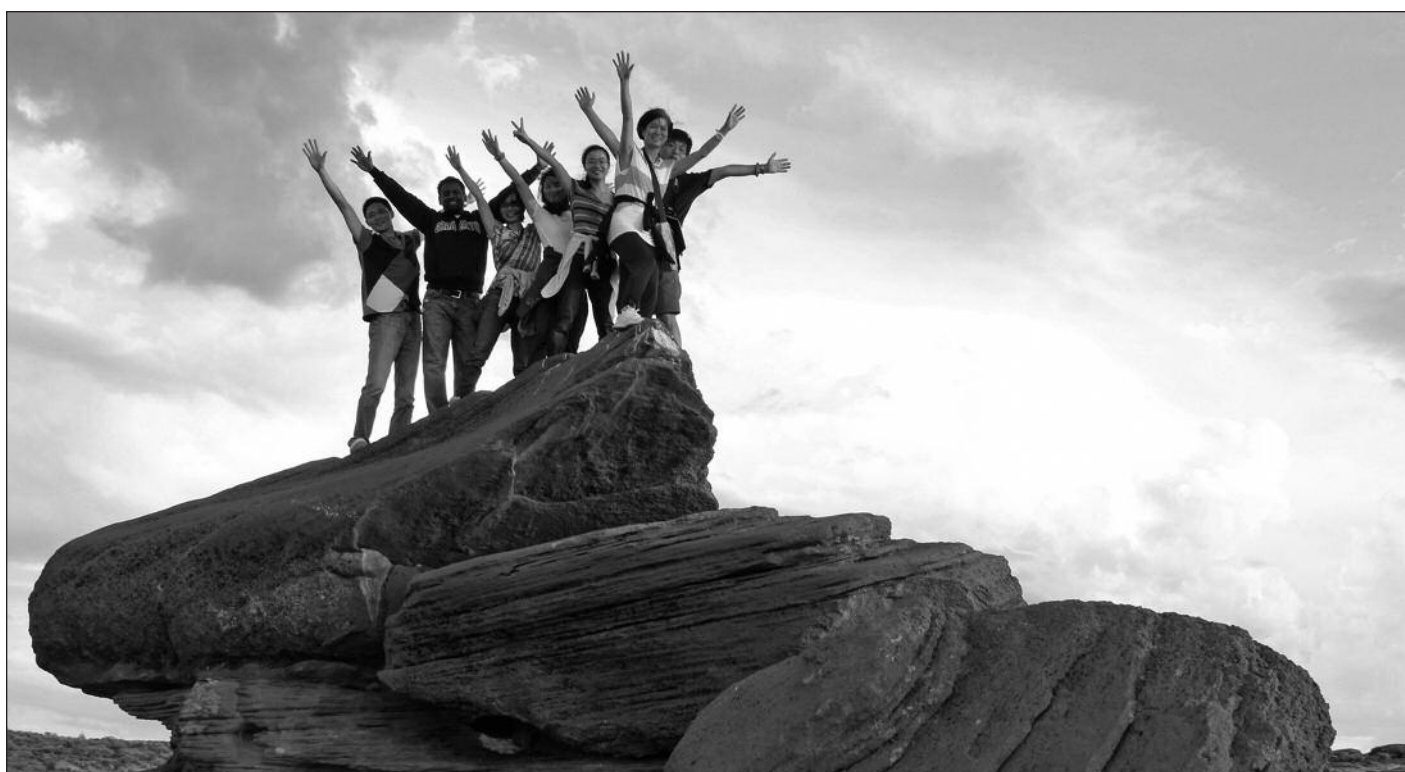
Unlike most chile rellenos, this one is crispy, crunchy, and creamy, but there's something else, too, and it remains intangible. Regardless, this is easily the best I've ever tasted.

"Wow," I reply. "My new favorite food!"

After lunch, we explore the art galleries, gift shops, and back roads of the place once described as "the wickedest town in America," before heading down the hill to Tuzigoot National Monument. Tuzigoot is more laid back. It's been six centuries since anything happened here except for a few years in the 1940s when archaeologists excavated this Sinagua Culture site, which was built around 1000 AD and abandoned 400 years later, perhaps in response to migration prophecies.

We explore the ruins for half an hour before converging on the visitor center to buy postcards and souvenirs. Then we head to Sedona to see the fabled red rocks and pricey boutiques. In one of them, a four-foot slab of petrified wood grabs our attention. It's a bargain at a mere \$45,000, but there's no room in the van.

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There's more than one way to have fun in the Great Southwest! Six Chinese health professionals and volunteer driver Praktan Kokila (second from left) raise their hands in an impromptu victory celebration after climbing a pile of red boulders at Horseshoe Bend in northern Arizona. The Chinese guests were attending one- or two-month mentorship programs in their respective professional specialties at Loma Linda University when the photo was taken.

LLUMC honors Inland Empire clergy at appreciation luncheon ...

Continued from page 5

According to Michael Knecht, MDiv, former director of the faith and health initiative at Loma Linda University Medical Center, who is now executive director for mission and community development at LLUMC–Murrieta, the luncheon was designed to thank members of the clergy for their unique contributions to the spiritual and emotional healing of patients as well as to the community at large.

“The purpose of the event was to recognize clergy for the care they provide for so many in this community,” Mr. Knecht noted. “Whole-person care encompasses the physical, emotional, and spiritual dimensions. Clergy and the faith communities they represent are our partners in the emotional and spiritual support they provide.”

“We wanted to gather the area clergy to thank them for their service and let them know that we are here to care for them,” he continued. “The focus of the event was to offer them personal and professional resources to meet their needs and those in their communities.”

At the luncheon, Mr. Knecht identified four areas in which the Medical Center’s specialized resources can benefit members of the clergy: emotional support for clergy and their spouses; coaching, training, and education in clinical pastoral care; a resource list of mental health programs; and training for lay people to run programs in their communities.

Shelly Moore, manager of communications and marketing for the department of mission and culture, says invitations were sent to members of the clergy via their own parishioners.

“We printed more than 3,000 invitations,” Ms. Moore says. “They were distributed to Medical Center employees via their department heads. The whole purpose was for the employees to personally invite their clergy using the invitations provided. We wanted that personal touch.”

“We had more than 150 in attendance,” she continues. “Of that number, 103 were clergy and the rest were employees who accompanied their clergy. There were representatives from more than 50 different places of worship as well as organizations that employ chaplains.”

Some of the faith groups that sent representatives included The Packinghouse of Redlands, Loveland Church, First Baptist Church of Redlands, Roman Catholic Diocese of San Bernardino, the LDS (Mormon) Temple in Redlands, and a selection of local Adventist churches. There were also chaplains from a number of local hospitals and hospice organizations.

Michael Knecht says the event was also open to individuals from a wide variety of spiritual traditions besides the mostly Protestant and Catholic clergy who attended.

“We had an imam who attended from a local Islamic center,” Mr. Knecht notes. “We also invited Buddhists, Jews, and others. We wanted to thank all the members of the clergy for the care they provide for our patients.”

Ms. Moore and Mr. Knecht are pleased with how the event turned out.

“I received wonderful emails and at least a dozen

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Michael Knecht (in front of screen) welcomes more than 150 guests to the clergy appreciation luncheon Loma Linda University Medical Center hosted on September 26 in Chen Fong Conference Center. Mr. Knecht is executive director for mission and community development at LLUMC–Murrieta.

COMMUNITY HEALTH

Workshop to discuss achieving a healthier Loma Linda

Contributed report

The city of Loma Linda and Loma Linda University, in collaboration with the Healthy Communities Initiative, are re-energizing their longstanding commitments to health.

As part of this effort, Healthy Loma Linda will host its first community visioning workshop on Tuesday, November 13, from 5:00 to 7:00 p.m. in the community room at City Hall.

Loma Linda residents and LLU staff and students are invited to the free forum, where they will be encouraged to offer input on what can be done to retain and elevate the quality of life locally and throughout the region.

“Our goal is to get student and Loma Linda community involvement as much as possible, especially as we hope to navigate and discuss topics that will improve not only the city but student and campus life as well,” says Andrejs Galeniaks, health policy fellow at the city of

Loma Linda and master of public health student at LLU.

Items under discussion will include the built environment, farmers markets and community gardens, bike paths, local opportunities and partnerships, and best practices in the region.

In addition to covering past and current opportunities, difficulties, and successes in health initiatives, the forum will address circumstances unique to Loma Linda that can drive the city to the forefront of Healthy Communities nationwide.

Local and regional speakers will present, followed by breakout sessions for members of the community to provide input.

“Participation from residents, students, and the community at large is vital,” says Mr. Galeniaks.

For more information about the workshop, e-mail him at <agalenieks@lomalinda-ca.gov>.



(From left) Robert Probert, Shelly Moore, and Paul Havsgaard attended a special luncheon recently hosted by Loma Linda University Medical Center to thank members of the clergy for their emotional and spiritual support to Inland Empire patients. Mr. Probert is pastor of The Packinghouse in Redlands; Ms. Moore is manager of communications and marketing for the department of mission and culture at Loma Linda University Medical Center; and Mr. Havsgaard is pastor of Calvary the Cross in Riverside.

LLU researchers show higher death rates for heart attack patients also with HIV ...

Continued from page 3

Dr. Pearce conducted the study along with Chizobam Ani, MD, MPH (originally a faculty member of Charles Drew University of Medicine and Science, but now a medical resident at Loma Linda University), and

other colleagues from the College of Osteopathic Medicine of the Pacific, the College of Podiatric Medicine at Western University of Health Sciences, and the department of neurology at the University of California, San Diego.

Reportable Crimes

The Crime Awareness and Campus Security Act of 1990 requires Loma Linda University to publish interim reports on campus crime activities. Listed below are the crimes reported for the months of July to September, 2012.

Type of Crime	Number of Crimes	Location of Crime
Assaults	3	BMC; MC (2)
Burglary	3	FMO; Meridian Complex (2)
Vehicle Burglary	2	Parking Structure; Caroline Street
Grand Theft Auto	2	Lot A; Campus Engineering
Grand Theft	4	Tulip Street; East Campus Hospital; FMO; Nichol Hall
Threats	2	MC; FMO
Drunk in Public	1	Mountain View Plaza
Fire	1	Farm Building

You can assist the Department of Security in maintaining a safe and secure environment by notifying Security immediately at Ext. 911 if you see or know about a crime taking place.

Chinese guests meet dinosaurs and make new friends on Southwest adventure ...

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The first of September finds us driving up Highway 180, the two-lane road that cuts above Flagstaff to the Grand Canyon through the high country. We stop to photograph white-trunked aspen trees.

Thrusting into the turquoise sky, they create a tapestry of primordial beauty. A month later, the grove will blaze with yellow glory, but for now, green and white against blue look just fine.

Gina volunteers for a frightening initiation ritual at the Grand Canyon. She agrees to be led from the parking lot to the South Rim with both eyes closed. Michael has her by one arm; I've got the other. We bring her to the railing at the edge before telling her to keep her eyes closed, but tilt her head down. The canyon falls away below us to its rendezvous with the Colorado River a mile away. We instruct Gina to open her eyes.

"Oh," she says, grabbing her chest. "My heart feels like it's going to explode!"

An hour before sundown, we climb three quarters of a mile to the overlook at Horseshoe Bend on the outskirts of Page, Arizona. The earth is orange-red, and the river—1,000 feet below us—is deep green as it swirls around the massive sandstone cliffs. We feel like ants, dwarfed to scale by this stone canyon masterpiece of the Colorado Plateau.

Three hours into Day 3, we visit the second Bureau of Land Management Visitor Center the same day. This one, in Kanab, Utah, displays the considerable archaeological treasures of the Colorado Plateau. Again, we buy postcards and souvenirs and I purchase a book about prehistoric Native Americans to send my adorable granddaughters.

In a few more minutes, we'll grab lunch at

Rocking V Café, another favorite stop on these trips, and shop for treasures at Denny's Wigwam. Then we'll take the high road to Zion National Park. This evening, we'll pull into Las Vegas in time for dinner. Tomorrow, we'll head back to Loma Linda and arrive around 7:00 p.m.

To a person, our guests insist they've had a wonderful time. They had no idea the Southwest was so vast and beautiful or the food so delicious. Praktan and I knew all along, but we like discovering these things over and over again as we escort our wonderful visitors to this remarkable part of the world.



The American Southwest, as a group of six visiting Chinese health professionals and their volunteer drivers/escorts from Loma Linda University recently discovered, is a land of great biological and geological diversity. These aspen trees frame the edges of a pine forest on Highway 180 between Flagstaff, Arizona, and the Grand Canyon.

Dishes for Wishes raises funds for Children's Hospital ...

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The theme of this year's Dishes For Wishes was heart-healthy cuisine. Presenters included chefs Tim, from A-Dong Vietnamese restaurant; Russ Olden, from Kitchen Kitchen Culinary School; Danny Tang, from Sayaka Japanese restaurant; Ulises Dominguez, from Rosa's Italian Restaurant; and Roberto Argentina, from Farm Artisan Foods in Redlands.

Uniformed off-duty firefighters and police officers volunteered as waiters, serving dishes including Vietnamese shredded cabbage salad, roasted yam soup, and pasta with pomodoro sauce. Departments that participated included

the Colton, Loma Linda, San Bernardino County, and Redlands fire departments, the Redlands Police Department, and the San Bernardino County Sheriff's Department. The volunteer servers raised \$2,996 in tip money that was donated to LLU Children's Hospital.

Contributing to the evening's success were Loma Linda Guild president Dolores Aeberli, event chair Angie Temple, and co-chair Cheryl Adams. The guild incorporated a new twist this year, inviting local vendors. Attendees shopped for accessories, house- and kitchenwares, food items, and unique gifts, with 20 percent of sales donated by the vendors to Children's Hospital.

LLUMC honors Inland Empire clergy at appreciation luncheon ...

Continued from page 10

comments from people directly after the event," Ms. Moore observes. "They were so pleasantly surprised and appreciative of the luncheon and the bridges Loma Linda is desiring to build with the faith communities."

Mr. Knecht concurs. "I feel the event was a success in building trust," he says. "We are not recruiting them for any marketing or research purpose. We are engaging in a conversation about how all of us working together can raise

the health of our county. I've received very positive feedback on the feel of the luncheon and how appreciated they felt as well as on the support we offered and the possibilities of a future collaboration.

"I think we started a conversation that will grow into a clergy-led network for improving all aspects of health in our community—both physical and spiritual," he concludes. "Loma Linda University Medical Center will be the health partner and convener to move things forward."



On October 23, Big Hearts for Little Hearts Loma Linda Guild hosted "Dishes for Wishes, Cooking with Celebrity Chefs," at the National Orange Show Events Center. The event benefited Loma Linda University Children's Hospital.

Walter's raises more than \$3.2 million for LLU Children's Hospital over 17 years ...

Continued from page 12

After Natalie's brother Nicholas proved to be an exact match, indicating that he could donate bone marrow stem cells Natalie so desperately needed, the Chavarrias sent up a very succinct prayer: "Praise Jesus!" On February 28, 2012, Natalie received her little brother's stem cells.

"Natalie is doing great since the transplant,"

Mr. Chavarria concluded. "We attribute this to the group effort of the caring and knowledgeable staff along with Natalie's sibling donor. But we know that at the end of the day our Lord and Savior Jesus Christ had everything coordinated, down to the last detail. We are incredibly grateful to everyone who supports this golf tournament to make stories like Natalie's possible."

Researchers use wireless EEG system to study humor and laughter's brain impact ...

Continued from page 7

PhD student in rehabilitation sciences—used wireless EEG, or electroencephalography, to assess various EEG band waves of interest, such as alpha and theta, in the frontal and parietal regions of the brain in response to four videos: two humorous and two distressing.

The researchers quantified the power spectral density of these two types of brain waves (alpha and theta) while the subjects watched the humorous and disturbing videos.

During the humorous videos, alpha and theta waves were more predominant in the left hemisphere of the frontal and parietal regions as compared to the right hemisphere. It should be noted that these left regions of the brain are associated with positive emotions. However, during the distressful videos, wave activity was more predominant on the right frontal regions, indicative of negative emotional experiences.

Previous research by Dr. Berk at Loma Linda University has shown that the humor experience lowers the stress hormones cortisol and epinephrine, increases endorphins in anticipa-

tion, and provides potential cardiovascular benefits as well as immune system enhancing benefits. Humor/laughter research from other institutions, such as Stanford University, has shown increases of dopaminergic activity in the nucleus accumbens, a specific brain area associated with pleasure and reward, using fMRI brain technology.

"Now a pragmatic wireless EEG system for neurotechnology can be added to the arsenal of tools that can provide a more comprehensive picture and understanding of how humor and positive emotions may impact the health and wellness for whole-person care," says Dr. Berk.

Co-researcher Ms. Cavalcanti is intrigued by the use of wireless EEG neurotechnology to help more fully understand other functions such as circadian rhythm, sleep, memory, and positive emotions.

"It's very amazing to me," she says. "It's something novel that we can include in the allied health professions, such as physical therapy, to identify the changing aspects of our treatments and therapies. We have a lot of room to explore."

LONG-TERM COMMITMENT

Walter's raises more than \$3.2 million for LLU Children's Hospital over 17 years

By James Ponder

Walter's Automotive Group of Riverside recently disclosed that the total monies it has raised for Loma Linda University Children's Hospital over the past 17 years amount to more than \$3.2 million.

This year, the auto dealership came through with an estimated \$300,000 from two events it sponsored on behalf of Children's Hospital. Of that amount, \$230,000 came from the 17th annual Walter's Children's Charity Classic golf tournament on Monday, October 29, and \$70,000 was raised at the 2nd annual Walter's Automotive Group car drawing on Friday, August 24.

"We are so grateful for the support of Walter's Automotive Group," says Tiffany Hoekstra, senior development officer for the Loma Linda University Children's Hospital Foundation. "Their vision, commitment, loyalty, and generosity are truly amazing!"

The story of Walter's Children's Charity Classic is a true American tale of philanthropy leading to unprecedented success. In 1979, Steve Kienle joined Walter's Automotive Group, which his father Walter had started in 1965. As he rose up through the ranks to become general manager, Steve and Cathy, his wife, began taking stock of ways the organiza-

tion might give back to the community. They were impressed to do something to help the children of the Inland Empire, and decided to support Loma Linda University Children's Hospital. They launched the first Walter's Children's Charity Classic in 1995 and found that the combination of helping hospitalized children and golf resonated with members of the community.

"The Walter's Children's Charity Classic golf tournament is legendary in this part of the world," Ms. Hoekstra says. "This year's theme was 'Be a hero to help a child become a superhero.' More than 100 golfers teed off at Victoria Club in Riverside to help our little heroes at Children's Hospital. All proceeds from this year's tournament will benefit the pediatric blood/marrow stem cell transplant unit at LLU Children's Hospital."

Golfers were more than happy to participate in the tournament. Not only did their entry fees go directly to benefit the health needs of Inland Empire children, but they also enjoyed the opportunity to win a new Mercedes-Benz, Porsche, or Audi with a hole in one.

Following an afternoon on the course, golfers and guests enjoyed a silent and live auction, and dinner at the club. During the dinner, parents of a Loma Linda University Children's Hospital patient shared their stories of their child's battle



The two girls on the front row—Natalie Chavarria (center) and Kimie Metcalf (right)—have special reason to celebrate the success of the 17th annual Walter's Children's Charity Classic golf tournament: their recovery from leukemia at Loma Linda University Children's Hospital was made possible, in part, by the \$3.2 million the event has raised in the last 17 years. On the back row (from left), Natalie's parents Eddie and Claudia Chavarria join Steve and Cathy Kienle of Walter's Automotive Group, sponsor of the event, and Kimie's mom Kristine Metcalf. On the front row, brother Nicholas Chavarria smiles with the girls.

with cancer and expressed their incredible gratitude to the Kienles, Walter's Children's Charity Classic, and all the golfers for their support.

Eddie and Claudia Chavarria put a human face on the generosity of the Walter's family and the compassionate golfers whose support helped saved the life of their precious daughter Natalie.

"On November 4, 2011," Mr. Chavarria told the golfers, "we met with doctors on unit 4800 at Loma Linda University Children's Hospital. As they told us that our 8-year-old daughter Natalie had been diagnosed with acute myeloid leukemia, our world stopped. At the mention of the word 'cancer,' my wife and I went numb and spent the rest of the meeting in a daze, just watching the doctor's lips move.

go into remission," he continued. "This meant that she was at a high risk of relapsing at the end of her treatment. At that point, the recommendation was a bone marrow transplant. Our world stopped again. After three cycles of chemo, our princess was admitted into the transplant program where we met Drs. Chris and Joan Morris, a husband-and-wife team of physicians who made us feel at ease.

"The Morrises explained the peripheral stem cell transplant procedure," Mr. Chavarria went on. "The compassion shown to Natalie brought a sense of comfort that she was in good hands. Stephanie, the transplant coordinator, was exceptional and made sure every detail was covered. She showed so much compassion and love to Natalie that she felt like family. Natalie's many nurses were also outstanding."

"After her first round of chemo, Natalie didn't

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CULINARY PHILANTHROPY

Dishes for Wishes raises funds for Children's Hospital

By Nancy Yuen

The mood in the National Orange Show Events Center was festive the evening of Tuesday, October 23, as six local chefs took the stage to share favorite recipes and cooking tips.

Local celebrity and restaurant owner Martha Green demonstrated two recipes and served as emcee for the Dishes for Wishes event. The audience of more than 300 laughed at Martha's humorous anecdotes as it learned about and


sampled exotic ingredients including pack kaiware (radish sprouts), nori sheets (dried seaweed), and Japanese godaku root.

"This year," says Reva Garrett, guild specialist, "Big Hearts for Little Hearts Loma Linda Guild brought back the popular cooking school Dishes For Wishes. The event benefited Loma Linda University Children's Hospital, and we are thrilled that Lexus of Riverside agreed to be corporate sponsor."

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Master of ceremonies Martha Green interviews Chef Ulises Dominguez, Rosa's Italian Restaurant, during the Dishes for Wishes charity event. Martha is a local celebrity and owner of Dough'Lectibles and The Eating Room in downtown Redlands.



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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 hreifsnyder@llu.edu	

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

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