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TODAY

Wednesday, March 17, 2010

Volume 23, Number 5

PHILANTHROPY FOR CHILDREN

17th annual foundation gala raises \$675,000 for heart care at Loma Linda University Children's Hospital

By Nancy Yuen

As the group of 11 children made their way to the stage, a line, formed by red heart balloons they carried, floated above the banquet tables, easily seen by the more than 800 people in the audience at the Riverside Convention Center on Saturday evening, February 27, 2010.

The room filled with applause and those who looked closer could read silkscreened words on the backs of the children's matching red T-shirts that revealed a miracle—"I left my heart at Loma Linda."

Onstage they took their places beside Leonard Bailey, MD, surgeon-in-chief, Children's Hospital, and Teresa Beauclair, mother of the infant known to the world as "Baby Fae."

Though the children had received new hearts and a new chance at life at Children's Hospital, the similarity ends there. For they are each unique, their young lives filled with family and friends and school, sports and hobbies—each child with hopes and dreams of what he or she wants to be when grown up.

It was truly a historic moment, recognizing Dr. Bailey's pioneering work in the field of infant heart transplantation.

While still in his medical residency, Dr. Bailey

had watched babies born with heart defects—otherwise healthy—die because a matching donor heart could not be found in time.

And in part because of the awareness brought about 25 years ago when he sewed the heart of a baboon into Teresa Beauclair's infant daughter, Baby Fae, babies have been added to national organ donor registries and hundreds of children have been given a second chance at life.

There were many memorable moments that took place during the 17th annual foundation gala, presented by the San Manuel Band of Mission Indians.

The gala was an evening of wonder and celebration, as many in the community joined to recognize the achievements of Dr. Bailey, who received the Got Heart! Award. Teresa Beauclair was presented with the Courage of Heart Award.

Steve and Cathy Kienle, whose enthusiastic commitment to host Walter's Children's Charity Classic golf tournament, an annual event benefiting Children's Hospital, provided inspiration for the creation of the Children's Hospital Champions for Children program. During the gala, they received the Shirley N. Pettis Award for outstanding dedication and distinguished service to children.

The final award was given to Robert Erikson, a 35-year member of Kiwanis International and a



Pediatric heart patients present a check for \$675,000, to Loma Linda University Children's Hospital, represented by Michael Kuhn, MD. The funds were raised during "Got Heart!" the 17th annual foundation gala presented by the San Manuel Band of Mission Indians.

retired educator. Mr. Erikson received the Hometown Hero Award for his passion and commitment to improving the lives of children. He was instrumental in establishing the Kiwanis Pediatric Emergency Medical Fellowship at Children's Hospital, a program that trains physicians who specialize in the care of acutely ill or injured children.

Attendees enthusiastically responded to an invi-

tation to fund high-frequency jet ventilators, which have shown amazing benefits in the comfort and healing of some of the most critically ill patients at Children's Hospital.

During the evening's fund-an-item portion, pledges from dozens of attendees were given that will make it possible for Children's Hospital to purchase three of the \$32,000 ventilators.

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INTERNATIONAL OUTREACH

Loma Linda University's unexpected Palestinian connection

By James Ponder

Until recently, Loma Linda, California, and Ramallah, Palestine, were seldom mentioned in the same breath.

With its world-class medical centers and faith-based university, Loma Linda is a peaceful community of scientists, physicians, and educators in Southern California. Half a world away, Ramallah lies at the crossroads of the Middle East. As *de facto* capital city of the Palestinian Territories and home of the Palestinian Authority, it remains peaceful most, but not all, of the time.

Nevertheless, a series of unexpected connec-

tions between the two cities came to the forefront during chapel services at the Loma Linda University Church on Wednesday, January 6, 2010.

To set a note of geopolitical pluralism in the context of the Christian worldview, LLU provost Ronald L. Carter, PhD, led the congregation in a moving prayer that acknowledged spiritual diversity throughout the world.

"Almighty God," he began, "You who are known by many names, revealed by Your son Jesus Christ, we give You praise! We praise You for life, family, friends, and for Your healing and transformative power." Dr. Carter then asked God's blessing on students, staff,

and faculty, and on the worship service.

In introducing the Palestinian project, Richard H. Hart, MD, DrPH, president and CEO of LLU, noted that, "Palestine continues as a territory with both great potential and great turmoil. Loma Linda has been asked to assist the Palestinian Authority to develop its first teaching hospital in the City of Ramallah. We are pleased to have been invited to participate in this project."

In enunciating the credentials of the morning's speaker, Dr. Hart noted that Taroub Farmand, MD, MPH, is chief of party for the Palestinian project, a five-year initiative funded by the U.S. Agency of International Develop-

ment (USAID) in collaboration with the Palestinian Ministry of Health (MoH). He observed that although Dr. Taroub—as she prefers to be called—holds one of the most responsible health leadership positions in the world, she is also a devoted grandmother who enjoys embroidery.

Dr. Taroub immediately disarmed prejudices and dissolved barriers by flashing pictures of her newborn grandson onscreen, and sharing the joy she felt at delivering the adorable baby boy into the world. Ideological differences faded beneath the trusting and beautiful gaze of her infant grandson.

She quickly segued to a discussion of concern for the wellbeing of mothers giving birth under less-than-ideal circumstances in impoverished regions of the world, reciting the names of

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OCCUPATIONAL THERAPY

Occupational therapy students to work at East Campus

Contributed report

The School of Allied Health Professions and Loma Linda University Medical Center East Campus are building on their relationship in order to benefit both the hospital and occupational therapy (OT) students by allowing the students to work directly with patients when the Tom and Vi Zapara Rehabilitation Pavilion opens later this spring.

This 24-bed, 30,000-square-foot rehabilitation facility is dedicated to treating patients who have suffered from a recent disability. Included in the plans is a transitional apartment where patients, practitioners, and OT students can work in an actual living environment. In this transitional room, students will be able to participate in patient training and see how patients are able to implement the training into life's daily activities. Furthermore, they will be able to evaluate skills taught to the patient and

how effective they are for that particular patient.

"We welcome the OT students at East Campus. The students enrich the learning and development of our own OT staff," says Mara McCarville, RN, service line director. "Our staff is challenged by the students' questions, and they learn together while providing excellent rehabilitation services to those patients we serve. All of this is done in an environment of healing and wholeness here at East Campus."

In honor of this relationship, on February 16, the School of Allied Health Professions—represented by Craig Jackson, JD, MSW, dean, and Liane Hewitt, DrPH, OT department chair—presented East Campus with a check for \$8,000 to be used for the Tom and Vi Zapara Rehabilitation Pavilion.

"I am extremely excited about this collaboration," says Dr. Jackson. "Working together is



Michael Jackson, MPH, East Campus Hospital administrator, smiles after being presented with a check by (from left) Craig Jackson, JD, MSW, dean of the school; Madge Oh, OT program coordinator; Liane Hewitt, DrPH, chair and associate professor of OT; Heather Javaherian, OTD, associate professor; Christy Billock, PhD, associate professor; and Esther Huecker, PhD, associate professor. Standing behind Mr. Jackson is Mara McCarville, RN, service line director of the Rehabilitation, Orthopaedic, and Neurosciences Institute at East Campus.

the only way that we can achieve better students and even more skilled graduates."

The funds donated were a combination of gifts from OT alumni and the administration of the School of Allied Health Professions.

"It's nice to see that when we asked, our alumni responded," says Kisha Norris, MEd, the school's director of development. "I believe the alumni recognize how important it is for our students to have the chance to interact with actual patients and clinicians."

Loma Linda University's unexpected Palestinian connection . . .

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dozens of countries where women struggle to give birth in safety and health.

Throughout her talk—which was designed to inform students and faculty on the progress of the Palestinian project, and open the door for greater LLU involvement in the endeavor—Dr. Taroub alternately educated and entertained her audience with her subtle humor and extensive knowledge of the subject.

Her presentation was rich in vital information on the politics and history of the Middle East; yet the warmth and conversational manner of her speech made it seem more like an intimate chat with 2,000 close friends than a formal lecture.

It was also vividly illustrated. In slide after slide, Dr. Taroub presented the everyday realities of a world separated by walls and checkpoints, fences and barricades. One particularly poignant image featured a colorful painting of a white dove nesting atop the world with "Love Sees No Color—World Peace" painted against a white backdrop in English and Arabic. The graphic adorns a high concrete wall separating the West Bank from neighboring Israel.

She broke the heaviness from time to time with humorous images, such as a German Shepherd dog sitting in a chair at a typewriter. Another photo featured a pink-faced monkey looking ever so serious with a pair of black spectacles draped across the bridge of his nose. She didn't say which persons, fictional or historical, she had in mind in presenting the animals in this manner . . .

A compelling, even captivating speaker, Dr. Taroub charmed her audience with tantalizing personal tidbits. She mentioned, for instance, that she comes from an overachieving family of doctors and lawyers, and at least one aspiring Olympic figure skater. She also mentioned that Ramallah, with its current population of more than 27,000 people—more than three-quarters of whom are Muslim—was founded by one of her relatives in the 1550s as an Arab Christian

community. The comparison to Loma Linda—which boasts 22,619 residents, according to city finance director Diana DeAnda—was not lost on the audience. Small towns, it would seem, can sometimes wield an out-sized influence on the world.

When she turned her attention to the Palestine Project itself, Dr. Taroub noted that the multinational health care cooperative represents the largest financial commitment USAID has ever made to the Middle East.

"The Palestine Medical Center represents four hospitals and a blood bank," she reported, "that will provide specialized services to the Palestinian people. In December 2008 the Palestinian Ministry of Health completed a health system assessment with support from the flagship project in which 18 priority areas for intervention were highlighted for action."

"One of the top priorities identified by the MoH," she continued, "was to create a center of excellence at the PMC. The flagship project is supporting MoH in operationalizing the PMC in a manner that promotes good governance, transparency, equity, quality, social participation, and cost-effectiveness."

At one point in her remarks, Dr. Taroub noticed Donna Gurule, MPH, and Lisa Highton, RN, and called out to them. Ms. Gurule, an environmental health and safety officer, and Ms. Highton, the newest member of the Global Health Institute staff at LLU, spent several months as consultants at Ramallah last year.

When asked how Loma Linda University became involved with the Palestine project, Dr. Taroub observed that the university's global reputation for excellence in health care, and its involvement with other USAID projects in a variety of countries, made it a natural collaborator.

"LLU, in partnership with Chemonics International and other allies, provides technical assistance to improve the quality of care at the

hospital level," she observes. Chemonics, an international consulting firm that promotes meaningful change to help people live healthier, more productive, and more independent lives, was Dr. Taroub's employer before she joined the Palestinian project.

Following her chapel presentation, Dr. Taroub was honored during a special luncheon in Wong Kerlee International Conference Center. She used the occasion to invite other members of the Loma Linda staff to come to the West Bank and lend their expertise to the Palestinian project.

Looking back, Dr. Taroub commented that her visit to Loma Linda was "very inspiring. It was uplifting to witness LLU's staff commitment to reaching the underprivileged and the ones in need, and to see their enthusiasm and eagerness to work in Palestine to help offer better standards of care for all Palestinians. I am grateful to the university for offering me the opportunity to speak to LLU's students and staff."



Taroub Faramand, MD, MPH, chief of party for the Palestinian project, addressed the students and faculty of Loma Linda University during a recent chapel service. Her talk—which integrated serious observations about public health issues in the Middle East with generous helpings of humor and laughter—raised awareness about LLU's involvement with the project.



Jerry Daly, MA, MSLS; Donna Gurule, MPH; Lisa Highton, RN; and Jan Zumwalt, MBA, RN, sneak a peak at a photo album Dr. Taroub Faramand brought with her from Palestine. Mr. Daly is associate director of the Global Health Institute (GHI) at LLU; Ms. Gurule is an environmental health and safety officer; Ms. Highton is an infection prevention and control specialist at GHI; and Ms. Zumwalt is associate director at GHI. Ms. Gurule and Ms. Highton spent several months at Ramallah last year.

COMMUNITY OUTREACH

OT department sends students into community outreach programs

By Heather Reifsnnyder

Occupational therapy students don't spend all their time in hospitals and clinics. LLU sends OT students into the community to help kids and adults move past life's difficulties, equipped for a better future. Students are currently doing fieldwork with clients at locations including a domestic violence shelter, a foster family agency, and an early childhood intervention program.

"There's definitely a need. To be able to meet their needs feels pretty good," says Daniel Williams, who, along with Chris Vernon, is working at Aspiranet, a nonprofit foster family agency.

Their goal is to help the young men who are in a transitional housing program, which means they are now 18 and about to go out in life on their own. The two master of occupational therapy (MOT) students help each individual to develop skills for living, such as financial management, job readiness, and self-management. They also encourage those without a high school diploma to get their GED, and they then assist the young men with the process to take the exam.

"It's been rewarding because we get to see a lot of progress and give help they might not have gotten otherwise," says Mr. Vernon.

Jessica De Brun and Yvette Paquin work with children at the state-sponsored Screening, Assessment, Referral, and Treatment Program (SART) of San Bernardino, which intervenes

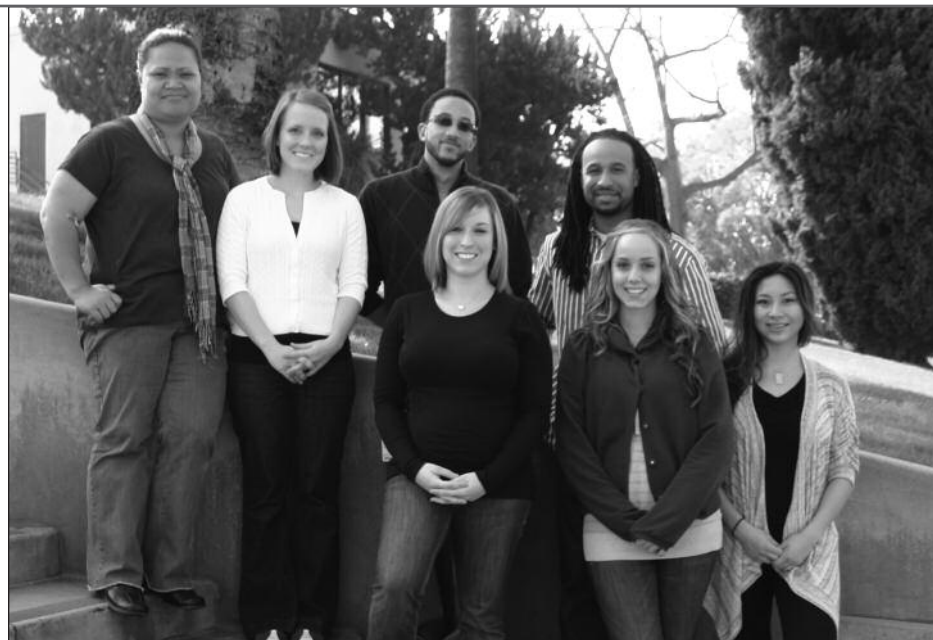
in the lives of kids ages 0 to 5 who have been exposed to drugs, trauma, or abuse, and are consequently at risk for developmental delays or disorders. Many toddlers in the program, for example, are not walking, crawling, or eating appropriately.

Ms. Paquin and Ms. De Brun engage the children in play and activities meant to help them develop strength, balance, and mobility, as well as independence in tasks such as dressing themselves. They also do occupational therapy that integrates high levels of sensory stimulation into playing; many of the kids have special needs related to sensory issues.

"Children who have experienced any of these sorts of trauma can demonstrate aggressive, impulsive, and hyperactive behaviors," says Ms. Paquin. "Occupational therapy can help by teaching the children sensory strategies; for example, having the children use a rope to pull themselves up a slide while lying on their stomachs provides deep pressure to the joints, which can calm them by allowing them to regulate their bodies and emotions."

The reward, Ms. De Brun says, comes from seeing the looks on the faces of caregivers as they see their child making progress, or feeling the relief of having their child's problem identified with a plan for treating it.

Ipuiniusea Eliapo and Amy Hedgecock have been doing their fieldwork with residents at a domestic violence shelter in Riverside County. They run various groups with the women,



Some occupational therapy students doing fieldwork in the community include (back row from left) Ipu Eliapo, Amy Hedgecock, Daniel Williams, Chris Vernon, (front row from left) Jessica De Brun, Yvette Paquin, and Emily Pinkerton.

aimed to help them build full and balanced lives. The help is useful, one of the women says, noting that it can be hard for women who've been in abusive relationships to pick up and start over.

"They try to motivate us, because living in this kind of environment sometimes can be draining for you and make you weary," says a 51-year-old resident of the shelter. "Their being here has helped build morale and lifted our spirits. We're learning a lot, and we stay focused on positive things instead of worrying about negativity."

One of the things Ms. Hedgecock and Ms. Eliapo have been focusing on with the women is living more healthfully.

As part of this, they cooperated with LLU's Center for Health Promotion with the help of

physician April Wilson, MD. Each of the women at the shelter filled out a detailed questionnaire that the center uses to help evaluate the health status of patients who come in for an extensive physical evaluation. With the results pooled, Ms. Eliapo and Ms. Hedgecock invited the women to visit the Center for Health Promotion, where medical student Christina Martin went over the results with them and gave a presentation on how living a healthier lifestyle could improve those results. Dr. Wilson was also present.

On how they are doing nutritionally, for example, the women scored an average of 39 out of a possible 100—not good, but also on par with the typical American. Ms. Martin shared tips for eating more healthfully, such as the importance of eating breakfast and the necessity

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GENEROSITY REWARDED

School of Nursing student wins a car for regularly donating blood since age 17

By Nathan Lang

School of Nursing student Melina Nava has been visiting LifeStream, the Blood Bank of San Bernardino and Riverside Counties, every 56 days since she was 17; this is both the minimum age and highest frequency at which an individual can donate blood.

Ms. Nava first donated blood when blood bank representatives visited Rancho Cucamonga High School where she attended. At her high school, she learned in biology class the unique quality of her blood type. "I wanted to donate blood because I am blood type O, a universal donor," Ms. Nava recalls. "I always found it an interesting way to help people."

Apparently Ms. Nava's family and friends do not share her interest.

"I don't go to the blood bank with any friends really," answers Ms. Nava. "Most people wonder why I always donate. Even in my family, they think it's weird. But I take my daughter with me so she can observe and see how it's done. I know some people feel a bit lightheaded after having their blood drawn. I've never felt lightheaded; I've never felt bad at all afterwards. Maybe that's why I keep going back."

Perhaps Ms. Nava keeps returning also because of her passion for helping people, as indicated by her call to nursing. "Nursing was the only career I ever had in mind," she says. "I was inspired to be a nurse after spending time in the hospital with my cousin. At 4, my cousin was diagnosed with leukemia, and she was in the hospital for most of her life. I enjoyed visiting the hospital even if I didn't like that everyone was sick. I would always interact with the kids there."

To this day, Ms. Nava has favored interaction with kids as she plans to pursue pediatric nursing when she graduates next year. She hopes to work at LLU Medical Center and, in the pediatric unit, join her cousin Natalie Reveles, a 2007 LLUSN graduate, who first encouraged Ms. Nava to enroll at the School of Nursing.

Ms. Nava does not regret choosing LLU School of Nursing. "Because it is a university hospital," she explains, "the nurses here want you to learn. They'll call you over and try to get you to do as many procedures as you are allowed to."

Rotating through 12-hour clinicals, Ms. Nava reflects, "is tiring, but I love it. The more I do clinicals, the more I know that nursing is right

for me. Getting up early is hard; yet once I'm there and in action, I'm not tired at all."

Recently, Ms. Nava was featured in *The Desert Sun* newspaper after winning a 2010 Toyota Prius simply for donating blood. Ms. Nava did not even realize she had entered a contest for the hybrid car; she was just paying her regular visit to the blood bank.

For the prize, Ms. Nava was randomly chosen out of 60 finalists from five blood donor centers in La Quinta, Ontario, Riverside, San Bernardino, and Victorville. The Prius was donated by I-10 Toyota with whom LifeStream formed a community partnership promoting

blood donations as well as green technology.

On Christmas Eve, Ms. Nava first received word of her prize via e-mail.

Almost deleting the e-mail mistaking it for spam, she then saw the word "LifeStream" in the subject heading and opened it. Still, Ms. Nava was skeptical about the contest until the following business day when a phone call affirmed she had won. She was ecstatic.

Ms. Nava, glad to be driving her new Prius, adds, "It's very fuel efficient. I need that for my commute from Rancho Cucamonga to Loma Linda."



School of Nursing student Melina Nava flashes a big smile with her daughter in the Toyota Prius she won simply by paying her regular visit to the blood bank.

17th annual foundation gala raises \$675,000 for heart care at LLU Children's Hospital ...

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The foundation gala, a major Children's Hospital fundraising event, raised \$675,000 which will be used for heart care and cardiac equipment. "The success of this gala in the midst of a slow economy," responded Children's Hospital administrator Zareh Sarrafian, MBA, "is a testament to the tremendous love and generosity of our supporters in the community."

Entertainer and singer Vikki Carr, a three-time Grammy Award winner, was the musical guest for the evening. She graciously signed autographs, posed for pictures, and met many of her longtime fans after the gala.

Special thanks to the members of the 2010 foundation board gala committee: chair Dixie Watkins, Leigh Anderson, Susan Atkinson, Christi Bulot, Marcia Dunbar, Trixie Fargo, Janet Gless, Eloise Habekost, Sheila Hodgkin, Darice Lang, Diana Reves, Mellissa Rouhe, Nancy Varner, George Voigt, and Mary Ann Xavier.



Leonard Bailey, MD, surgeon-in-chief, Children's Hospital (at podium) receives the Got Heart! Award. Joining him onstage are (from left): Zareh Sarrafian, MBA, Children's Hospital administrator; Christi J. Bulot, Children's Hospital Foundation board chair; Laine Weil, president, Big Hearts for Little Hearts Desert Guild; Teresa Beauclair, mother of Baby Fae; and 11 children who have received new hearts at Children's Hospital.



Christi J. Bulot, Loma Linda University Children's Hospital Foundation board chair, recognizes the 2010 gala sponsors.



Steve and Cathy Kienle receive the 2009 Shirley N. Pettis Award recognizing their outstanding dedication and distinguished service to children.



Entertainer and singer Vikki Carr was the special musical guest for the evening.

ARTISTIC INNOVATION

Innovative mural in library lobby depicts Jesus in multi-ethnic context

By James Ponder

A life-sized mural by California artist Hyatt Moore, "The Last Supper with Twelve Tribes," is currently on display in the main lobby of the Del E. Webb Memorial Library on the campus of Loma Linda University. The painting was created for a conference on world

missions, which was held in Vancouver, British Columbia, in 2000. It was designed as a visual reminder that the Kingdom of God is inclusive to people of all races.

"I almost titled it "The Next Supper," Mr. Hyatt shares, "where every tribe on earth is invited."

At 20 feet wide by 4.5 feet high, the painting is

basically life-sized. Mr. Moore says that in creating it, he employed the basic outline of "The Last Supper" by Leonardo Da Vinci, yet introduced an entirely new dimension to the work by painting the 12 disciples as representatives of 12 different tribes, randomly chosen from among the more than 6,000 language groups who live on Planet Earth.

Continued next page



Twelve multi-ethnic disciples gather around Jesus in a painting, titled, "The Last Supper with Twelve Tribes," by California artist Hyatt Moore. The mural-sized image, which underscores the fact that people of all races and ethnicities are invited to the Kingdom of God, is on loan to the Del E. Webb Memorial Library on the campus of Loma Linda University. "God has created variety," Mr. Moore observes. "He loves all races. He has invited us all to the table."

LIFETIME MILESTONES

Laura Willes closes her accounts after 39 years

By James Ponder

When she retired from a career spanning nearly four decades recently, Laura Willes closed the books on an era in the patient business office (PBO) at Loma Linda University Medical Center (LLUMC).

At her retirement party on January 13, 2010, Ms. Willes was honored by hundreds of colleagues and friends including Zareh Sarrafian, MBA, administrator of Loma Linda University Children's Hospital (LLUCH), Steve Mohr, CPA, senior vice president for finance at LLUMC, and Cindy Schmidt, MBA, vice president for revenue cycle at LLUMC.

Held in a large storage room—which had been elegantly transformed into a candlelit lounge in shades of green, gold, black, and red—the event turned into something of a love fest replete with joyful, yet sometimes bittersweet reminiscing, and a lengthy period of earnest speechifying.

Although speaker after speaker stepped to the microphone to hug and proclaim—and in some cases, sing—their appreciation for Ms. Willes, the most notable tribute came from Laura's boss, Cindy Schmidt.

"Thirty nine years ago," Ms. Schmidt noted, "a young woman who had come to the United States from Germany began a journey of dedicating her life to the institution she loved so

much. Laura began her career in the Medi-Cal unit of the patient business office. The PBO, as it is referred to, was her passion."

Cindy Schmidt went on to revisit a few of the highlights of Ms. Willes' career.

"She loved to figure out the days in accounts receivable," Ms. Schmidt observed, "and how much cash was being collected from the various payer sources each and every day. She kept a diligent eye on the daily operations."

Contrary to the stereotypical image of number crunchers as dispassionate individuals who only care about the bottom line, Laura Willes brought a warm concern for people to everything she did. It was, as Cindy Schmidt would point out, the combination of Laura's numerical precision and bighearted interest in her employees that defined her effectiveness as director of billing and collections.



Laura Willes, who retired on January 13, 2010, from her position as director of billings and collections in the patient business office of Loma Linda University Medical Center, gasps in admiration of a beautiful, handmade quilt autographed by members of her staff, including Gloria Rott, with her back to the camera. Ms. Willes was known for keeping a diligent eye on daily operations, and for caring about the members of her staff.

"Along with her aptitude for numbers," Ms. Schmidt recalled, "Laura loved people. She started every day going through the very large

business office operation talking with the staff, checking with everyone to see how they were Please turn to page 6

LLU PHYSICIANS HONORED

Loma Linda Chamber of Commerce honors prominent LLU physicians

By James Ponder

The Loma Linda Chamber of Commerce honored two prominent Loma Linda University physicians during the organization's annual installation and awards dinner on Thursday, January 28, 2010, at the San Bernardino Hilton.

According to Richard A. Schaefer, president of the Loma Linda Chamber of Commerce, "The Chamber chose to recognize H. Roger Hadley, MD, dean of the LLU School of Medicine, in honor of the school's centennial celebration."

Mr. Schaefer noted that the group "chose to recognize Leonard L. Bailey, MD, chief of surgery at Loma Linda University Children's Hospital, in honor of the 25th anniversary of his pioneering work in infant heart transplantation." He went on to recall that Dr. Bailey performed the first successful infant heart transplant procedure in the world on a four-day-old boy named Baby Moses in 1985.

The chamber was not alone in recognizing Drs. Bailey and Hadley; two members of the California legislature weighed in with a pair of resolutions that expressed the state's official appreciation for the work the physicians are doing.

The text of a colorful plaque containing the resolution—which was signed by the Honorable Robert D. Dutton, state senator for the 31st senatorial district, and the Honorable Bill Emmerson, state representative from the 63rd assembly district—noted that while the LLU School of Medicine started in 1909 with a faculty of five general practitioners and 10 students, it has grown to the point where it has now officially graduated nearly 10,000 physicians. A second plaque similarly noted the life-saving accomplishments in infant Please turn to page 7



Leonard L. Bailey, MD (left), chief of surgery at Loma Linda University Children's Hospital, thanks members of the Loma Linda Chamber of Commerce for honoring him during the organization's annual installation and awards dinner on Thursday, January 28, 2010. Robbie Broedow (center), field representative for California state Senator Robert D. Dutton, and Richard A. Schaefer (right), president of the Loma Linda Chamber of Commerce, look on as Dr. Bailey makes his remarks. (Photo courtesy Denis La Bine, GnnBroadcasting.com)



Robbie Broedow (right), field representative for California state Senator Robert D. Dutton, joins Richard A. Schaefer (middle), president of the Loma Linda Chamber of Commerce, in presenting a resolution from the California legislature to H. Roger Hadley, MD, dean of the Loma Linda University School of Medicine. The resolution honors the School for 100 years of service to the community. The award was bestowed during the Chamber's annual installation and awards dinner on Thursday, January 28, 2010. (Photo courtesy Denis La Bine, GnnBroadcasting.com)

Innovative mural ...

Continued from previous page
Ironically, even though Mr. Hyatt is Caucasian, none of the subjects in the painting—including Christ—are white.

"All of the races that we are, all of the colors that we are," Mr. Hyatt observes, "are out of the palette that is Him. He has created after His image and all these colors are in Him."

Mr. Hyatt notes that viewer reaction to the painting has been very positive. He tells of an African-American professional woman who remarked that for the first time in her life, she felt personally invited to the marriage supper in the Kingdom of God after seeing the painting.

"God has created variety," Mr. Hyatt continues. "He loves all races. He has invited us all to the table."

In representing the diversity of people living on earth, Mr. Moore selected representatives of indigenous groups from Africa, the Americas, Asia, the Middle East, and South Sea Islands. The medium is oil on canvas with acrylic under-painting.

More information on the life and work of painter Hyatt Moore—including information on ordering reprints of "The Last Supper with the Twelve Tribes"—is available from his website at <www.hyattmoore.com>.

The painting will remain in the lobby of the library for an indefinite stay.

EMPLOYEE HEALTH

LLU School of Nursing establishes faculty and staff exercise program

By Nathan Lang

There are essentials in life, such as diet and exercise, that are often held accountable to the self alone, but sometimes sharing these lifestyle patterns with a community eases the effort it takes to live healthy.

The LLU School of Nursing faculty and staff has developed a venue for sharing some of their lifestyle patterns in the program Moving for Minutes (M4M). For this program, participants sign up each quarter to report their exercise minutes daily on a results chart.

M4M was founded by Peggy Burns, DNSC, RN, associate professor of nursing, and Jan Michaelis, DrPH, SN director of computer services. Dr. Michaelis recalls, "I was trying to get Peggy to ride her bicycle more, and I thought some peer pressure might help, so we started the program."

The program commenced with a test run in May 2009 and has continued since. Currently, 26 SN faculty and staff are participating in winter quarter 2010.

Participants mainly perform common exercises such as walking, jogging, bicycling, and calisthenics. One participant was inspired to walk six hours in the Surf City Half Marathon in Huntington Beach.

Zelne Zamora, MSN, RN, assistant professor of nursing, walks each Thursday with her classmates on the University of San Diego campus. "We look at the magnolia trees and beautiful buildings, and breathe fresh air," describes Ms. Zamora. "It helps clear our minds from the stress of class, and rejuvenate

our bodies for later classes."

M4M participants last quarter averaged more than three hours of exercise per week. Weekly times for each participant vary; in the first seven weeks of Winter 2010, the highest average for a participant was 501 minutes per week, whereas the lowest average was 80 minutes per week.

Dr. Michaelis admits, "Occasionally, someone will have a bad week of no or low minutes, but they know we're in it for the long term, so they usually rebound the following week."

Carrie Bryner, MBA, SN director of development, avoids exercise slumps through creative strategies. "Because I have a full-time job, and I'm taking two night classes, I don't have a lot of extra time," notes Ms. Bryner. "My strategy has been to buy a treadmill. Now, I review my notes or even read my microbiology textbook while walking, at the very least. Also, I can run on my treadmill and get inspired while watching the Vancouver Olympics."

Participants have no formal meeting times throughout the quarter, but that does not stop them from frequently sharing exercise tips. "The team morale of the participants is excellent," says Dr. Michaelis.

Ms. Bryner confides, "I like to get to work each day and record my exercise from the night before." Dr. Michaelis does his best to provide positive feedback for each participant at the end of the week.

Last May, the spirit of M4M was felt beyond the School of Nursing; the School of Pharmacy heard about M4M and challenged LLUSN to find out which department could accumulate



School of Nursing faculty Kathie Ingram (left) and Peggy Burns hand out prizes at what has become the annual Moving for Minutes awards ceremony for regular exercise.

the most minutes of exercise that month. "Pharmacy lost," reports Dr. Michaelis. "They bought us lunch and haven't challenged us since."

M4M this quarter has expanded its sharing of lifestyle patterns; in addition to exercise minutes, half of the participants now record the amount of water they drink.

This addition traces back to a single comment made by Ellen D'Errico, PhD, RN, assistant professor of nursing. She suggested, "What I really need is a reward for drinking water."

At the end of each quarter, participants attend an awards ceremony that has become the only formal M4M meeting. Last fall, the prizes given to each participant were purchased at a dollar store and included kazooos, pom poms, and motivational calendars. This quarter, SN administration donated \$100 for the prizes.

Apart from these prizes, participants have started to feel the rewards of their consistent exercise.

"If I have to go from the School of Nursing to the Centennial Complex or to an appointment in the faculty dental office," shares Ms. Zamora. "I use my legs and save the time it takes to park, and gas for my car."

For some, exercise has become a reward in itself as Ms. Bryner indicates, "I'm at the point where I don't feel good if I haven't done enough exercise during the week."

"There is only one negative," she continues. "When doing anything for fun that is also exercise, like snowboarding, I now have to keep track of the minutes."

Ultimately, the rewards are felt in a holistic sense. "You feel good about yourself; you have more energy," explains Ms. Zamora. "I will walk around the School of Nursing with a fellow teacher, and we are able to discuss life, school, and whatever else we want to. I have found that these walks help us to understand each other and to be supportive of each other."

Laura Willes closes her accounts after 39 years ...

Continued from page 5
doing, and assessing the priorities of the day."

Judging from the number and intensity of expressions of empathy and support showered on Ms. Willes at the party, it would be a safe bet that her employees noticed the solicitous regard she bestowed on them day in and day out.

"She was always the champion for the employees," Ms. Schmidt continued, "and had a way with the staff that not only showed in her respect for them, but also earned the respect of everyone she dealt with."

"As a result of Laura's way with people and her commitment to the employees," Ms. Schmidt reflected, "she was successful in keeping a very low turnover rate in the business office. There are many employees who worked under her direction that have 20-plus years of service; much of that is attributed to their commitment, respect, and love for Laura."

As guests nibbled from a sumptuous and delicious assortment of fresh fruits, veggies, crackers, cheeses, vegetarian entrees, and other colorful delicacies, Cindy Schmidt summarized her recognition of Ms. Willes' accomplishments in notes of high praise.

"Over the span of her career," Ms. Schmidt observed, "Laura accomplished many things. She was instrumental in bringing in record cash, and keeping the days in accounts receivable and account agings at best-practice lows. She assisted in the installation of many new systems as technology changed over the years. She was very successful in keeping a large department operating very efficiently and effectively."

"Laura," Cindy Schmidt concluded, "was an exemplary employee, leader, and genuinely wonderful person who loved the institution that she dedicated 39 years of her life to. She will be missed."

The audience broke into loud and spontaneous applause as Ms. Schmidt and Ms. Willes hugged each other while big smiles broke across their faces.

The applause quickly turned to laughter when Ms. Willes' reported that her sense of proper Old World decorum had theretofore prevented her from calling Ms. Schmidt her friend.

"In Germany, you don't call your boss your friend," Ms. Willes explained. "Now that I'm retired, I'm happy to say that she's my friend!"



Laura Willes (left) gets a hug from Cindy Schmidt, MBA, at Ms. Willes' retirement party on January 13, 2010. After a 39-year career devoted to serving the people of the Inland Empire as director of billing and collections in the patient business office of Loma Linda University Medical Center, Ms. Willes looks forward to spending time with her family and traveling to her native Germany. Ms. Schmidt, vice president for revenue cycle at the Medical Center, noted that Ms. Willes will be missed for a long time for the way she treated employees in her department with courtesy and respect.

Laura seemed deeply touched when first her employer and then her employees presented her with substantial cash gifts as tokens of their appreciation.

"Oh," she gasped, looking towards her husband, John.

"There's enough here for a trip to Germany!"

WHOLE-PERSON CARE

School of Pharmacy students practice whole-person care

Contributed report

Here at Loma Linda University, employees believe that whole-person care is very important to patients and vital to optimal health.

The entire university's framework for education centers upon the central mission statement, "to make man whole." The university's mission affirms the Christian view of wholeness, recognizing that the needs of patients go beyond the healing of the body, and that the development of students involves more than the training of the mind.

At the School of Pharmacy, students, staff, and faculty strive to make their daily activities into personal ministries by extending pharmaceutical care and expertise, along with the university's mission, into the local communities.

For the past eight months, several School of Pharmacy students, under the direction of Jerika Lam, PharmD, have extended themselves for the Riverside County HIV clinics in Perris and Riverside by brining a little wholeness into their work.

Several students decided to do extra service for the HIV patients by taking the time to handcraft 15 blankets, bringing some extra care and consideration for those suffering from a physical ailment. Students Emily Garispe, Erica Lee, and Anna Lee organized the outreach and hosted a blanket party during February where several more students spent hours cutting, sewing, and stitching together yards of decorative cloth into beautiful handcrafted blankets.

Dr. Lam has also experimented outside the normal framework of medical care with the use of a trained patient therapy dog.

"Zoey's role in the healing process is her simple acceptance of our patients' diversity irrespective of their health status or comorbid illnesses," Dr. Lam explains. "She adapts excellently to the patients' moods and allows them to pet and hug her during their medical visits. Her friendly presence really relaxes these patients, who initially were more reserved or upset, and subsequently they open up to myself and the other health care providers."

Zoey, the therapy dog, has accompanied Dr. Lam to the HIV clinics at the Desert AIDS Project in Palm Springs, as well as the Riverside Neighborhood Family Center and the Perris HIV Clinic. Zoey's presence constantly brings smiles and happiness to patients during their subsequent clinic visits.

Linda Williams, assistant dean for student affairs and admissions, stresses to current and prospective students that one of the things making Loma Linda University unique is the emphasis on whole-person care.

"The pharmacy students put their LLU experience into action by the outreach programs they are involved with," says Ms. Williams. "It is wonderful to see how our students give back to the community through such programs as this blanket outreach. This is truly service in action, and I am personally so proud of the way the School of Pharmacy students are involved in our community."



From left, Anna Lee, Dr. Jerika Lam, Zoey the therapy dog, Emily Garispe, and Daniel Brown, staff member at the Perris/Riverside HIV clinics, display handcrafted blankets for the clinic patients.

Chamber honors prominent LLU physicians ...

Continued from page 5
heart transplantation.

The following individuals were installed as officers of the Loma Linda Chamber of Commerce for 2010:

- Richard A. Schaefer, president
- Roni Bailey, vice president/president-elect
- Norman H. Meyer, secretary
- James Walling, treasurer

According to the organization's website, "The

SPOKEN WORD ARTIST

School of Religion hosts an evening with spoken word artist Asia

Contributed report

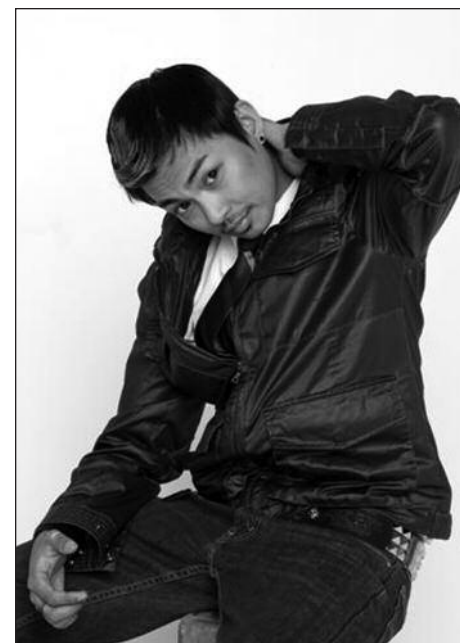
Asia, the 2009 and 2010 spoken word artist of the year nominee, will perform on the Loma Linda University campus Thursday, April 1, at 7:00 p.m. in Randall Visitors Center.

The performance is presented by the School of Religion's humanities program as part of its "Art that Heals" humanities arts and lecture series.

In celebration of poetry month, Asia will present a unique performance using the spoken word. Asia is a cancer survivor who has been featured on Russell Simmons' HBO Def Poetry and Black Family Channel's "Spoken."

Additionally, Asia has been named APCA College Circuit 2006 Performer of the Year, and 2008 Southern Fried Poetry Slam Champion. He has performed with artists such as Mos Def, Jill Scott, DMX, KRS-One, and Dead Prez.

In describing himself, Asia states that he "has an uncanny ability to combine humor and inspiration that results in one of the most jaw-dropping poetry shows many have claimed to witness," as a "Philippine activist and advocate, happily married, dog owner, burglary victim, former pop-locker, avid shopper, memory collector, Hibachi restaurant obsessive, sleep talker, gym phobic, skinnier than your 10-year-old brother, will cry if you punch him, peculiarly meticulous and probably the worst Ninja the



Spoken word artist Asia will perform on the Loma Linda University campus Thursday, April 1, at 7:00 p.m.

world has ever seen. But watch his show and he'll guarantee you will have never seen him coming."

Asia's performance is free of charge and open to the public. The event is sponsored by the School of Religion, the humanities program, and the School of Allied Health Professions.

For more information, contact Ramona Hyman at (909) 651-5097 or <rhyman@llu.edu>.

OT department sends students into community outreach programs ...

Continued from page 3
of taking in plenty of fiber.

"It was very informative. I brought some of those things home with me. We're eating a lot healthier," says the resident.

"These community-based projects have been

exceptional learning experiences," says Liane Hewitt, DrPH, OTR/L, chair of the OT department. "All the MOT students have shared that working within their community has many challenges and many opportunities for which they are thankful to be a part of. Mr. Daniels and Mr. Vernon often state, 'It's all about making a difference in the lives of others.'



Medical student Christina Martin (left) goes over the results of personal health questionnaires with residents of the domestic violence shelter and offers tips for living more healthfully. Seated beside her are (from left) OT students Ipu Eliapo and Amy Hedgecock, who have been doing their fieldwork at the shelter.

Loma Linda Chamber of Commerce has served the community of Loma Linda since 1956, making it a better place to live, to work, and to do business. It is a non-profit, mutual benefit

corporation of voluntary membership investing its resources to promote programs relevant to members' needs and to support a high quality of life in the community."

RESEARCH

Stroke research is alive and well at Loma Linda University

By James Ponder

Thanks to the efforts of a number of investigators and researchers, Loma Linda University has been steadily building a reputation as a leader in the field of basic science and translational research into cerebral vascular disease, or stroke. One of those investigators—John H. Zhang, MD, PhD—says cerebral vascular disease should be taken seriously.

“Stroke is the third leading cause of death in this country, behind heart disease and cancer,” notes Dr. Zhang, who serves as professor of neurosurgery, anesthesiology, physiology, and pharmacology as well as director of the Zhang Neuroscience Research Laboratory at the LLU School of Medicine.

He goes on to point out that stroke, which affects approximately 700,000 people in the United States, is a particularly debilitating disease. “It paralyzes its victims,” he notes, “and creates chaos not only for patients, but family members as well.”

Dr. Zhang explains that translational research—studies designed to bridge the gap between the laboratory and the patient bedside—is one of the engines driving LLU’s emerging prominence in cerebral vascular disease.

“Other institutions aren’t emphasizing translational research to the extent that we are,” he observes. “By emphasizing research which has potential to be translated to clinical management for the sub- or pre-clinical level, we are pushing stroke research forward. The NIH (National Institutes of Health) is emphasizing translational research, too. There’s a lot of money flowing into it.”

That, of course, is good news in this era of economic uncertainty. “In today’s climate,” Dr. Zhang continues, “taxpayers want value for their dollars. They want to know what the impact of research is on their own lives.”

In discussing his career trajectory, Dr. Zhang points out that he was initially trained as a neurologist at Chongqing Medical University in western China.



Since coming to Loma Linda University in 2004, John H. Zhang, MD, PhD, has joined efforts with other basic science and translational researchers in the field of cerebral vascular disease, or stroke.

“I didn’t get a kick out of the training program because neurology didn’t offer much in the way of clinical application 20 years ago,” he discloses. So after getting his MD degree in China, he transferred to the University of Alberta where he segued into neurosurgery research, got involved in the treatment of subarachnoid hemorrhagic stroke, and found his niche.

“The winter weather in Canada is terrible, but the research environment was not so good in China at that time, so I decided to grab a PhD while I was there. After that, I decided to stay in North America, but moved to the United States. I worked at the University of Louisiana before joining LLU in 2004.”

The move to neurosurgery and the treatment of subarachnoid hemorrhagic stroke—a type of stroke characterized by bleeding in the spaces between the brain and the tissues that cover it—opened Dr. Zhang’s eyes to the possibilities of translational research. He never looked back.

At the Zhang Neuroscience Research Laboratories in Risley Hall at LLU, a team of 15 to 25 researchers—the number fluctuates depending on the time of year—is hard at work on 20 to 30 ongoing studies at any given time. Three promising projects currently underway in the lab include pre-conditioning, hydrogen therapy, and a surgical brain injury model. Not surprisingly, all fall under the heading of translational research.

The pre-conditioning study just may shake up the way physicians treat patients in coming years. “In the future world,” Dr. Zhang predicts, “whenever a patient comes in for surgery — whether it’s for a cardiac procedure, liver transplant, or tumor resection—we want to pre-condition the patient. To do that, we’re going to give a mild stimulation to the patient, such as ischemia or hypoxia.”

By inducing ischemia and/or hypoxia in small, prophylactic amounts one to five days before surgery, scientists hypothesize that pre-conditioning will reduce the incidence of complications after surgery, such as tissue and mechanical injury. Ischemia is a restriction in blood flow to the tissues of an organ, and hypoxia is a deprivation of oxygen. Although the study underway in Dr. Zhang’s laboratory is incomplete, preliminary data obtained so far seems to confirm the hypothesis.

The hydrogen investigation similarly points the way for clinicians to restrict the incidence and severity of tissue injury during surgery. “One of the things we’re testing is the extent to which the administration of a very low concentration of hydrogen reduces injury,” he reports. He notes that as small an amount of hydrogen as two percent appears to reduce damage.

The surgical brain injury model that Dr. Zhang and his colleagues are developing is already attracting lots of attention. “The pharmaceutical companies are interested,” he explains. “They spend billions of dollars on brain injuries, so when our model was announced, we got a lot of inquiries from them, and some have jumped into the wagon because of its translational potentials. They see a huge market ahead for it.”

Two other recent professional accomplishments

are sure to increase the stature of the LLU stroke program. First, Dr. Zhang recently chaired—and Austin Colohan, MD, professor of neurosurgery, co-chaired—the Third International Conference on Intracerebral Hemorrhage which was held in Palm Springs on March 7–9, 2010. Second, Dr. Zhang was recently appointed editor-in-chief of *Translational Stroke Research*, a prestigious international journal set to debut this month.

According to Joan Robinson, a reviewer from Springer, the Germany-based international publisher of scientific and professional literature who is sponsoring the new journal, “*Translational Stroke Research* will focus on translational research and will be relevant to both basic scientists and physicians, including neuroscientists, vascular biologists, neurologists, neuroimagers and neurosurgeons.” In addition to Dr. Zhang, the journal’s associate editors and editorial board reads like a who’s who of stroke researchers from

the United States, Europe, Asia, and Australia.

In his personal life, Dr. Zhang, who is married to Jiping Tang, PhD, associate professor of physiology and pharmacology at LLU, enjoys playing with the couple’s three dogs: Charlie, a Weimaraner; Ikuyo, a German Shepherd; and Zelda, a Doberman.

True to form, the man who enjoys planting and nurturing research ideas that bloom into patient care improvements also enjoys planting things around his six-acre property in Reche Canyon. They don’t always reach maturity with the same predictability as his translational research projects at Loma Linda, however.

“Last year, I planted around 200 trees and bushes,” he shares. “All kinds of shade trees and fruit trees.” How are they doing now? “Some of them died because of the drought, or were eaten by gophers,” he confesses.



A beautiful hawk takes to the skies above Loma Linda University Medical Center after January storms blanketed the San Bernardino Mountains with snow.

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