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TODAY

Monday, October 26, 2009

Volume 22, Number 15

CAMPUS MILESTONES

Centennial Complex grand opening and dedication set for October 28

By Richard Weismeyer

Grand opening and dedication ceremonies for Loma Linda University's newest academic structure, the Centennial Complex, will be held Wednesday, October 28, at 3:00 p.m., at the Centennial Complex.

Highlighting the program will be remarks by Lowell Cooper, MPH, chair, Board of Trustees for Loma Linda University and Loma Linda University Medical Center; followed by remarks from Richard H. Hart, MD, DrPH, president, Loma Linda University; and a prayer of dedication presented by Jon Paulien, PhD, dean, School of Religion.

Concluding the grand opening and dedication will be a ribbon-cutting ceremony with many of the individuals who helped make the Centennial Complex a reality.

"The Centennial Complex now stands proudly as a monument on our campus," notes Dr. Hart. "Its state-of-the-art technology makes learning more effective for our own students, as well as connecting us with others throughout the world."

Four levels of learning make up the Centennial Complex. Prominent on level one is the Swatek Anatomy Center, a cluster of state-of-the-art anatomy laboratories serving the Schools of Allied Health Professions, Dentistry, and Medicine.

Together, the labs contain 108 advanced technology anatomy workstations, each able to accommodate up to six students. Faculty offices and laboratory support areas surround the laboratories. Also located on level one is the amphitheater center lobby and exhibition hall, an area for the display of student research, educational, and outreach projects.

Students, faculty, and visitors approaching the building via the south entrance will enter the complex's atrium. The clinical skills education center is located on this level, providing a unique approach to health care skills development through the use of "patient" actors.

In the north section of level two, the amphitheater center provides two large teaching amphitheatres, one with 250 seats and the other with 350. Each amphitheater is equipped with presentation facilities and wireless computer resources for both students and instructors.

Level three is the home of the School of Religion, providing faculty offices, group study areas, classrooms, and libraries. Within the School of Religion are the Center for Spiritual Life & Wholeness, and the Center for Christian Bioethics.

Also located on the third level is the School of Public Health geographic information system laboratories, housing one of health care's latest and most comprehensive technologies. Two teaching amphitheatres, each with 98 seats and



Students have been streaming into and out of the Centennial Complex since the school year began. Academic and administrative departments have already moved into their offices. Classes are being taught in the amphitheatres. The only thing left to do is to celebrate the grand opening and dedicate the Centennial Complex, which will take place on October 28.

conference-style tables, are also located on level three. These teaching amphitheatres are shared by all eight of the university's schools.

Located on level four will be the medical simulation center, offering skills development through practice on lifelike, computer-controlled mannequins. Areas of speciality within the simulation laboratory include pediatrics, surgery, anesthesia, emergency medicine, and others.

In a disaster requiring triage and treatment facilities to supplement Loma Linda University Medical Center, the medical simulation center can quickly be converted for use as a fully functioning emergency center and mini-hospital.

All interested individuals are invited to attend the event. To see a live videocam, visit <www.llu.edu/central/centennial/complex/index.page>.



Amphitheater 1302 serves as a study area for students between lectures. The entire building has wireless Internet and other technologies for students.



A giant spinning globe in the entry area of the Centennial Complex is a constant reminder to students and faculty of Loma Linda University's global outreach.

SCHOOL OF MEDICINE EVENTS

Schedule of events for School of Medicine Centennial Celebration

By James Ponder

Looking for a quick guide to the events and activities of the LLU School of Medicine's Centennial Celebration? Look no further!

Wednesday, October 28, 2009

- 11:00 a.m. Centennial Celebration Chapel, Loma Linda University Church
- 12:00 noon Centennial Celebration Lunch, lawn beside Loma Linda University Church
- 5:30 p.m. Invitation-only emeritus faculty dinner, Wong Kerlee International Conference Center

Thursday, October 29, 2009

- 11:00 a.m. National Auxiliary Luncheon, Heritage Cottages, Nichol Hall
- 2:00 to 5:00 p.m. Tours of campus facilities, reservations required, (909) 558-8633
- 7:00 p.m. Acclaimed journalist Lisa Ling, Loma Linda University Church

Friday, October 30, 2009

- 7:00 a.m. *Morning Rounds* book signing and breakfast, Centennial Complex
- 9:00 a.m. Continuing education programs, Centennial Complex
- Guest speakers include Eric Frykman, Robert Gallo, David Kessler, Harold Koenig, and Patrick Reynolds.
- Hosted by Richard Hart.
- 7:00 p.m. Author Lee Strobel and The King's Brass, Loma Linda University Church

Saturday, October 31, 2009

- 8:15 a.m. Randy Roberts on "Embracing the Vision," Loma Linda University Church
- 10:00 a.m. Wynn De Boever at Morning Rounds Live, Loma Linda University Church
- 11:15 a.m. Randy Roberts on "Embracing the Vision," Loma Linda University Church
- 4:00 p.m. Baby Fae's mother, Leonard L. Bailey, MD, and infant heart transplant friends, Loma Linda University Church

PEOPLE

Robert Orr, MD, returns to direct clinical ethics program in School of Religion

By James Ponder

Loma Linda University Medical Center and the LLU School of Medicine are pleased to announce the return of Robert Orr, MD, to direct the clinical ethics program.

In describing the multifaceted contributions Dr. Orr will make at LLUMC, Gerald R. Winslow, PhD, vice president for mission and culture, says Dr. Orr will wear many hats at Loma Linda. "He will serve as director of clinical ethics at the Medical Center, clinical co-director of the Center for Christian Bioethics, and professor of ethics at the School of Medicine.

"Dr. Orr was here from 1990 to 2000," Dr.

7:30 p.m. Bryan Clay at the Centennial Tuition Fund dinner, Wong Kerlee International Conference Center

For more information regarding the Centennial Celebration, call (909) 558-8633.

Winslow continues. "His main job then was to provide clinical ethics leadership at the Medical Center. He's come back to develop the next generation of leaders in clinical ethics."

Dr. Winslow points out that Dr. Orr is "an
Continued next page



Robert Orr, MD

GRANT FUNDS WATER PROJECT

Loma Linda University receives \$193,000 grant from the Monsanto Fund to renovate water system at Malamulo Hospital in Malawi

Contributed report

The Monsanto Fund, a prominent philanthropic foundation headquartered in St. Louis, Missouri, has approved a \$193,000 grant to Loma Linda University for the renovation of the water supply system at Malamulo Hospital in Malamulo, Malawi.

Approval of this grant by the fund has come in the wake of discussions held and grant application materials provided over a period of several months. The Monsanto Fund has operational linkages in many countries, including Malawi.

Thus, approval of the Loma Linda University grant entailed discussions that virtually spanned across many national borders.

"We are absolutely delighted by the fund's approval of this generous grant," says Richard H. Hart, MD, DrPH. "Not only is the fund's grant a 'first' for Loma Linda, but it enables both the fund and Loma Linda to renovate an antiquated water supply system that has been eroding over a period of a century since Malamulo Hospital's founding.

"At Malamulo, the antiquated water supply system affects the hospital's 20,000 annual patients, its health professional staff, and the university-level and elementary and secondary school entities that function on the Malamulo campus," Dr. Hart continues. "In all, more than 4,000 health professionals, faculty and staff, students, and patients are affected daily by the frequent disruption in the supply of potable water. We can't overstate the positive impact that the fund will have through its generous grant. It addresses and solves a critical humanitarian problem at Malamulo. Everyone understands how the lack of a reliable water supply system can adversely impact the delivery of health care and the public's overall health."

Malamulo Hospital was established a century ago and represents the safety net health care provider for the greater Malamulo population that numbers close to 100,000. In addition to providing primary care, the hospital provides surgical services and specializes in services for HIV/AIDS patients. Malamulo also runs a health promotion and HIV/AIDS prevention program.

Renovation work on the Malamulo water supply system has already begun. On the ground, this work is accomplished by Wes Lutz, an American water supply engineering technologist familiar with serviceable water supply systems in the majority world.

"The grant application process and ensuing discussions with the Monsanto Fund have been most enlightening," notes Albin Grohar, PhD, executive director of philanthropy for the university. "The fund's decision-making process involved both its American personnel and fund staff on the African continent, in Malawi and Kenya. The decision-making team was led by Deborah Patterson, president of the fund, who guided the university through the process. The award also followed an on-site visit by Monsanto personnel to Malamulo. Monsanto has significant operations in Lilongwe, Malawi's capital."

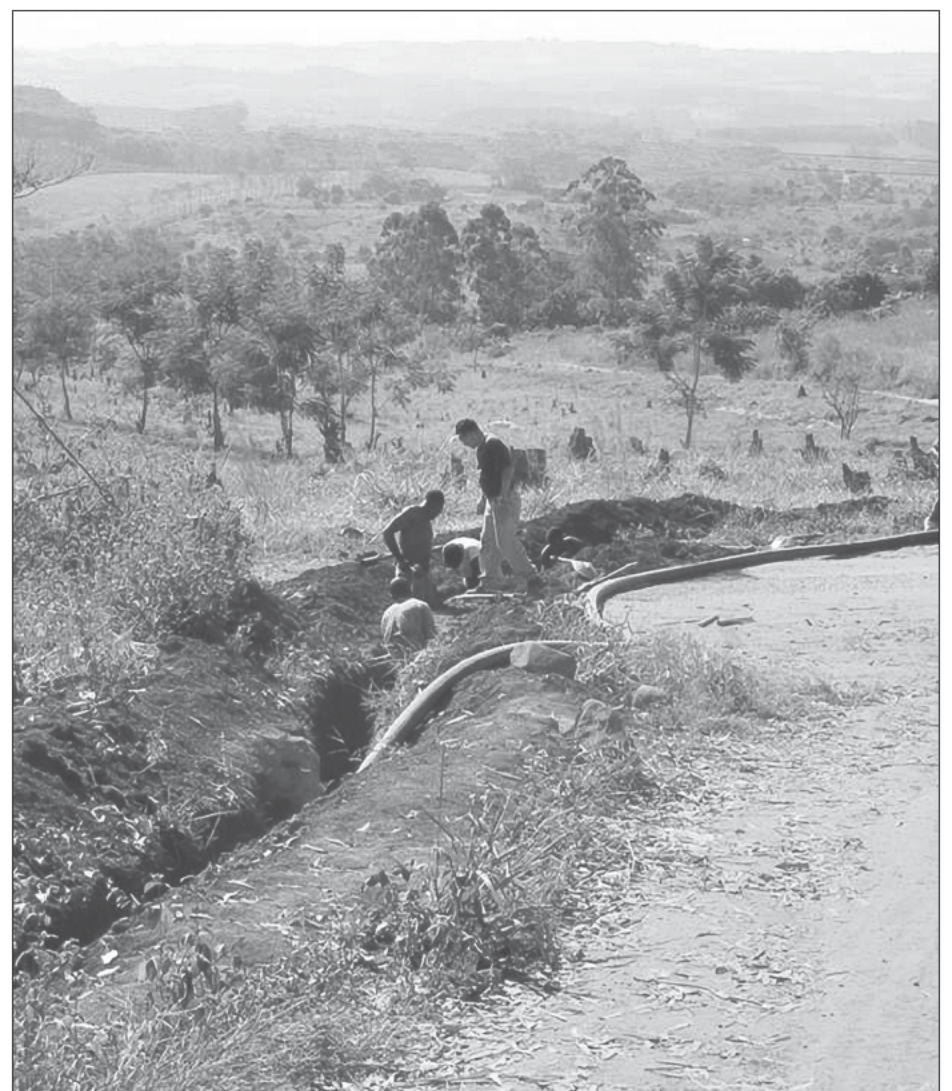
Monsanto employees access health services provided by Adventist Health International (AHI), a health care provider and management entity in which Loma Linda University has corporate membership. AHI also manages Malamulo Hospital.

The renovation process will take about a year to complete. The renovation effort was also stimulated by a 2008 on-site visit by the Los Angeles-based chapter of Engineers Without Borders, a volunteer group of engineers dedicated to use its

engineering talents in problem-solving.

The Monsanto Fund was established in 1964 to "inspire people to do great things." As a philanthropy, the fund is dedicated to "bridge the gap between people's needs and their available resources," notes Dr. Grohar.

"The fund implements its socially and environmentally sensitive philanthropic agenda through focus programs in nutritional improvement through agriculture, promoting a healthy environment, and science education. The fund has a special programmatic focus on improving the earth's ecosystem."



Workers dig trenches to accommodate the pipe system that is part of a major funded renovation project for Malamulo Hospital's water system.

Robert Orr, MD, returns to direct clinical ethics program in School of Religion . . .

Continued from previous page
outstanding, nationally recognized leader in clinical ethics whose books and numerous articles are widely used and cited throughout the world. He completed a fellowship in clinical ethics from the prestigious MacLean Center for Clinical Medical Ethics at the University of Chicago, and is one of the leading founders of the American Society for Bioethics and Humanities. It's a great privilege to work with Dr. Orr again."

Dr. Winslow says the recent geographic expansion of Loma Linda University Medical Center necessitates the establishment of a strong ethics program.

"It's becoming increasingly apparent," he notes, "as we grow to be a hospital system of five—actually, soon-to-be six hospitals, once the Murrieta campus opens next year—that we need a model of distributed leadership in clinical ethics. We need to be able to offer ethics leadership in a variety of places; it needs to be available throughout our hospital system in an effective and efficient way."

Dr. Orr, who last served the medical center and university from 1990 to 2000, will initially focus his efforts on expanding the ethics consultation service for the Medical Center by training a team of clinical ethicists.

"Dr. Orr will be mentoring clinical ethicists who have distinguished themselves," notes Dr. Winslow. "Clinical ethics is applied ethics at the patient bedside with patients, families, and caregivers. His primary responsibility will be the development of clinical ethics leadership

throughout our LLU system. His initial protégés will come from a variety of disciplines. Beyond the initial group, our hope is that there will be additional participants in the mentorship program."

"Initially I hope to train four or five individuals who can go to the bedside and provide ethics consultation," Dr. Orr observes. "That way, it's not burdensome for one person as we try to spread the responsibility around. The individuals that are going to be in the training program all have some academic training in ethics, and I'm going to help them apply ethics to the bedside.

"A large percentage of the issues we deal with at the patient's bedside," Dr. Orr continues, "are end-of-life issues; deciding on appropriate goals based on the patient's values, and the wishes of their family members. We try to resolve any differences that may exist between what the patient wants, and the wishes of family and others. Other issues include consent, competence, surrogacy, transplantation, management of handicapped newborns, and many others."

Dr. Winslow points out that Debra Craig, MD, who provided clinical ethics leadership at the Medical Center and University for the past nine years, has recently accepted a new position as chief of the hospitalist division for the department of internal medicine in addition to her continuing responsibilities as an internist, geriatrician, and clinical bioethicist.

"Dr. Craig has provided faithful service for the past nine years," Dr. Winslow reports, "and she has agreed to continue as a member of the clin-

ical ethics team, collaborating with Dr. Orr in the provision of educational experiences in clinical ethics. LLUMC is very grateful to Dr. Craig for her service in the past and present."

Dr. Orr returns to Loma Linda from the University of Vermont College of Medicine in Burlington, where he served as professor of family medicine. During his nine years there, he also served as professor of bioethics at the Union Graduate College-Mount Sinai School of Medicine bioethics program in Schenectady, New York, and as clinical ethicist at Fletcher

Allen Health Care, also of Burlington, Vermont.

What does Dr. Orr miss the most about the East Coast? "Scenery, seasons, family, and friends," he recalls. "Although there are some beautiful areas nearby here as well."

What did he miss the most about Loma Linda while he was away? "Many fine people," he says, "and the fact that this is a faith-based institution. That really creates a different atmosphere than a secular institution."

PEOPLE



Clare Sheridan-Matney receives award

Clare Sheridan-Matney, MD (left), chief of forensic medicine at Loma Linda University Children's Hospital (LLUCH), receives the SOCAN Award for Outstanding Service to Maltreated Children from Suzanne P. Starling, MD, president of the Section on Child Abuse and Neglect (SOCAN) of the American Academy of Pediatrics.

In accepting the award, Dr. Sheridan-Matney recalled meeting a young woman who credited her with rescuing her from an abusive family situation as a child. "You saved me," the woman told Dr. Sheridan-Matney. "After you came, I was sent to live with my grandmother and had a wonderful childhood. Thank you so much." In reflecting on the incident, Dr. Sheridan-Matney recounts that "it is very humbling to be part of something so profound and meaningful."

BOOK PUBLISHED

School of Religion professors complete book on world religions

Contributed report

This summer, three School of Religion faculty members completed a book that provides health care professionals with basic knowledge of health beliefs and practices in world religions.

World Religions for Healthcare Professionals, by Mark F. Carr, PhD, professor of Christian bioethics and director of the Center for Christian Bioethics; Julius J. Nam, PhD, associate professor of religion; and Siroj Sorajjakool, PhD, professor of religion, is available through Routledge Press.

The book covers many world religions such as Native American religions, Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Sikhism, and Taoism, as well as selected new religious movements. It explores how various religious traditions view sickness, health, birth, and death.

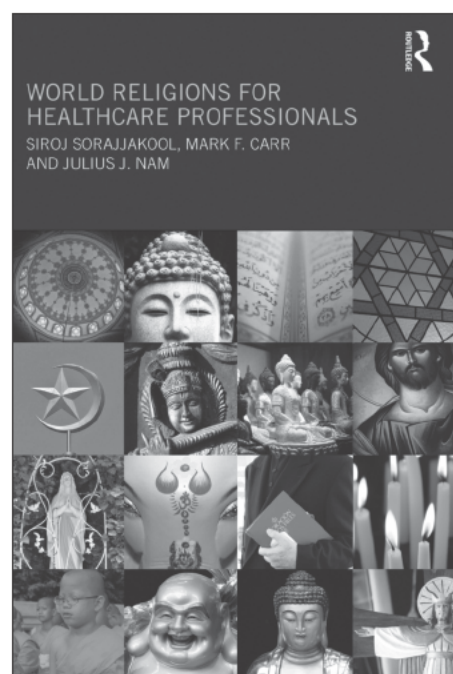
The primary aim of the book is to offer health care professionals a greater awareness of beliefs and practices so that they will be better informed in providing effective care to patients from various religious backgrounds.

Many deeply controversial bioethics issues such as abortion, euthanasia, assisted suicide, and

stem cell research are also addressed in this volume from the perspectives of world religions.

Written in a user-friendly fashion and easy to reference, this book is suitable for all health practitioners and organized in a way that will make it easy to search and learn basic applications.

The book is available for \$39.95 through <www.Routledge.com>.



NATIONAL RECOGNITION

U.S. Department of Health and Human Services recognizes LLUMC's support of organ donation

Contributed report

The United States Department of Health and Human Services honored Loma Linda University Medical Center for excellence in supporting organ donation at the fifth National Learning Congress for the Donation and Transplantation Community of Practice.

The HHS Medal of Honor is awarded in four categories to hospitals with a minimum of eight potential organ donors during a 12-month period.

Loma Linda University Medical Center continually provides the most organs of any hospital in Southern California—with the exception of San Diego. In 2008, LLUMC provided 90 organs to patients needing a life-saving transplant with a total of 28 potential organ donors.

"It is such an honor for Loma Linda University Medical Center to receive this type of recogni-

tion, because it shows that we are making incredible progress in increasing the number of organs available, in just a matter of years," says Takkin Lo, MD, director of organ procurement at the Medical Center. "Despite these achievements, the need for organs and tissue is vastly greater than the number available for transplantation."

There are currently 1,300 patients at Loma Linda University Medical Center waiting for an organ. Across the nation, more than 100,000 men, women, and children need life-saving organ transplants, according to UNOS, the United Network for Organ Sharing. Sadly, an average of 18 people die each day from the lack of available organs for transplant.

"It is through organ donor awareness that we can accomplish great things," adds Dr. Lo. "There is no greater reward than to know a life has been saved through one of the most remarkable success stories in the history of medicine—transplantation."

EMPLOYEE RECOGNITION

Employee recognition banquet honors unsung heroes of LLUMC, LLUBMC

James Ponder

Long-term employees of Loma Linda University Medical Center (LLUMC) and Loma Linda University Behavioral Medicine Center (LLUBMC) took center stage at "A Time to Commemorate," the 2009 employee recognition banquet, held on Thursday, September 10, 2009, in Drayson Center on the campus of Loma Linda University.

Steve Mohr, CPA, MBA, senior vice president for finance at LLUMC and master of ceremonies for the evening, extended a warm welcome to the guests and thanked the honorees for their years of dedicated service.

Ruthita J. Fike, MA, CEO of LLUMC and LLUBMC, said, "It is awe-inspiring to think of the combined years of commitment and dedication which are represented by those who are being honored." She noted that the unfailing devotion of the employees makes Loma Linda University Medical Center and Loma Linda University Behavioral Medicine Center "come alive each day" and fulfill their mission.

Gerald R. Winslow, PhD, vice president for mission and culture at LLUMC, offered the invocation and blessing on the food. While the guests ate dinner, Dr. Winslow and Ms. Fike presented values exemplar awards to individuals who exemplify one or more of the organization's values of compassion, integrity, excellence, teamwork, and wholeness.

Debbie Riddle-Branske, RN, clinical nurse on unit 9100 at LLUMC, was recognized for both excellence and teamwork. "Debbie displays excellence in the standard in which she teaches patient safety, priorities, documentation, and skills," noted Darlynn Willy, RN, director of patient care on the unit. "She builds the foundation for teamwork on our unit. We are thrilled



Steve Mohr, CPA, MBA, senior vice president for finance at Loma Linda University Medical Center, opens the 2009 employee awards banquet in Drayson Center by thanking the honored employees for their years of service. The event, which was held on September 10, 2009, underscored the valued contributions employees make not only to the organization, but also to the people of the Inland Empire.

that Debbie consistently displays our values and supports our organization."

Lucy Brooks, MST, clinical therapist at LLUBMC, was cited for compassion. "For 15 years, Lucy has consistently given the same wonderful compassionate care to each and every person with whom she comes in contact," said Jill Pollock, RN, MS, administrator of LLUBMC. "Her entire demeanor fosters trust, safety, and comfort. She always goes the second mile to make certain her patients and colleagues feel cared for. Lucy's caring is God's love with skin on it."

Eda Gutierrez-Escudero, RN, nurse clinician at the LLU Children's Hospital (LLUCH) specialty team centers, was commended for performing her responsibilities with excellence. "Eda is the nurse clinician for our Children's Hospital home mechanical ventilation team," observed Lynne Karman, MSN, RN, nurse manager. "The service Eda provides her patients and their families on a daily basis exemplifies true patient-focused, family-centered care!"

Hazel Curtis, RN, MPH, education specialist for leadership and education at LLUMC, was cited for teamwork. "A great example of living the value of teamwork is the way Hazel worked diligently with the change management team for innovating excellence," Dr. Winslow reported. "She developed creative ways to help educate hundreds of our colleagues about the project. Hazel is constantly seeking new ways to improve the educational offerings of our organization."

Kathleen McMillan, RN, MA, director of employee spiritual care, was praised for wholeness. "Kathy represents wholeness," noted Dr. Winslow. "She chooses to live a balanced life that emphasizes the spiritual center of meaning and purpose, puts God first, gives priority to her family, and seeks to serve the wholeness of our LLUMC caregivers. For 20 years, Kathy has helped us remain faithful to our mission of continuing the teaching and healing ministry of Jesus."

Todd Nelson, MPT, rehabilitation marketing liaison in home care services who is completing an MBA at the LLU School of Public Health, was extolled for excellence and teamwork. According to Michelle Oliver, MSN, PHN, nurse manager, and Rhodes Rigsby, MD, MBA, executive director of home care services at LLUMC, "Todd is always willing to assist the home health department when additional patient care provision is needed. The home health department has received numerous patient compliments about the care Todd provides. Todd is truly an asset to our team."

The final recipient of the values exemplar awards was Marjorie Jillson, administrative secretary on units 3700 and 3800 at LLUCH. Marjorie was honored for exemplifying all of the organization's values. Heidi Hsu, RN, joined colleagues Aloha Malit, RN; Dennies Mag-Akat, RN; and Sandy Russell, RN, in noting that, "As an administrative secretary, Marge is invaluable. She sets up new employee interviews, keeps everyone informed of conflicts and/or changes, and assists in re-arranging



Co-workers describe the way Lucy Brooks, MST (right), cares for her patients at the Loma Linda University Behavioral Medicine Center (LLUBMC) as "God's love with skin on it." Ms. Brooks, who works as a clinical therapist, was one of seven individuals receiving values exemplar awards from Gerald R. Winslow, PhD (left), and Ruthita J. Fike, MA (center), at "A Time to Commemorate," the 2009 employee recognition banquet held in Drayson Center on September 10, 2009. Dr. Winslow is vice president of mission and culture at Loma Linda University Medical Center (LLUMC), and Ms. Fike is CEO of LLUMC and LLUBMC.

schedules, if necessary. Marge treats everyone with kindness, care, and respect."

After dinner, Cindy Schmidt, MBA, vice president for revenue cycle at LLUMC, and Mark Zirklebach, MSPSA, chief information officer for health ministries at LLUMC, read the names of the members of the 10-year employee group who were in attendance at the event. Altogether, there were 188 employees in the group, but not all were able to attend the banquet.

Names of the 15-year employees were read by Ms. Pollock. There were 87 employees in the group, but not all were present. Jesse Mock, MA, vice president and administrator of LLU Heart and Surgical Hospital, read the names of the individuals from the 96-member 20-year employee group who were able to attend. Liz Dickinson, RN, MPH, CNOR, senior vice president of LLUMC, read the names of the 41 members of the 25-year employees who were present for the evening.

Michael Jackson, MPH, senior vice president and administrator of LLUAHSC and LLUMC East Campus, read the names of the 47-member 30-year group who were in attendance. Zareh Sarrafian, MBA, senior vice president and administrator of LLU Children's Hospital, read the names of the 22 members of the 35-year employees who were present. Daniel Fontoura, MPPM, senior vice president at LLUMC and administrator of University Hospital, read the names of individuals in the 11-member 40-year category who were able to attend.

There was only one representative of the 45-year employee group. In announcing the name of Nancy Wheeler—who retired on

July 29, 2009, as executive director of the house staff office at LLUMC—Daniel Giang, MD, vice president for medical administration, pointed out that Ms. Wheeler started working at the original Loma Linda Sanitarium as a teenager in 1956, then left for a while before returning in 1963. Dr. Giang pointed out that Ms. Wheeler was "like a fraternity house mother to the more than 7,000 residents she mentored over the years. Many physicians who were residents during the 1970s or 1980s make it a point to seek her out and give her a hug when visiting Loma Linda. She is very respected among her colleagues as well."

The final honors of the evening went to the 11 individuals who have served 40 years at one or more of the LLUAHSC entities. The group received engraved gold watches from Kevin Lang, MBA, executive vice president for finance and administration, and chief financial officer, and Mark Hubbard, senior vice president.

Throughout the evening, Steve Mohr drew names to determine the winners of a variety of gift cards. At the end of the evening, the name of Viorica Carmona, a 25-year employee from the department of health information management, was drawn as the recipient of a \$500 prepaid Visa card.

In affirming the contributions employees make to the success of the organization, Mr. Hubbard said, "The annual employee recognition banquet is a wonderful opportunity to celebrate and affirm the long-term commitment of our employees. Through their work each day, these employees make our mission come alive. We congratulate and sincerely thank each person for their years of service."

LANGUAGE SERVICES

Language services shares compassion in English, Spanish, and sign language

By James Ponder

Members of the Loma Linda University Medical Center language services team have a problem: They provide interpretation and translation services in English, Spanish, and

sign language; yet many health providers—including some who desperately need their services—don't even know they exist.

According to department manager Roberto
Continued next page

ANNUAL OUTREACH TO CHILDREN

Big Hearts for Little Hearts Loma Linda guild hosts annual 'Fall into Reading'

Contributed report

Once again, Big Hearts for Little Hearts Loma Linda guild hosted its annual "Fall into Reading" event in the lobby at Loma Linda University Children's Hospital. On Wednesday, September 16, from 2:00 to 4:00 p.m., chalkboard welcome signs on the sliding glass entry doors greeted visitors to the lobby.

The front desk looked festive decorated with paper cut-outs of fall leaves, apples, pumpkins, and cartoon kids. Posters with reading themes were placed strategically around the lobby to add to the back-to-school theme.

Red tablecloths, printed with ABC patterns, decorated two large tables in the heart of the lobby. The center of each table contained an array of stickers, crayons, and markers to decorate school-themed sheets of paper, apple and pumpkin cut-outs, or coloring pages.

Child life specialists brought eager patients downstairs to make crafts and enjoy the cute back-to-school decorations. Child visitors in the lobby were invited to sit at the tables and

enjoy the guild event. Each child was encouraged to create his or her very own craft project or coloring page.

Guild volunteers, child life specialists, young hospital patients, and child visitors sat at the decorated tables to create crafts with back-to-school themes. One boy found a fun page to color in a special reading skills coloring book.

A sweet girl stuck fall themed stickers on an apple cut-out. One small boy colored and decorated a page to give to his favorite nurse. The Loma Linda University Children's Hospital lobby echoed with lots of laughter and giggles. Child life specialists and volunteers laughed along with the cheerful children.

Smiling kids said, "Please help me color this." "Help me cut this paper." Or they asked questions. "Can I put this sticker on that cute pumpkin bag and take it to my room upstairs?" "What color should I make Luke's T-shirt in my activity book?" "Can I color and tear out another page in the reading skills book?" Adult helpers nodded their heads and helped wherever there was a need.



Members of the Big Hearts for Little Hearts Loma Linda Guild join Loma Linda University Children's Hospital employees, volunteers, and patients for the 2009 "Fall into Reading" program in the hospital lobby. Guild board member Carol Troesch decorated the lobby, and provided books, crayons, and other art supplies to highlight the importance of reading and make it fun.

Guild volunteers rolled out a cart filled with donated books from Walden Bookstore of Redlands. Each child was encouraged to pick a book or two to take with them back to their room or home. Delighted patients and hospital visitors eagerly thumbed through the many children's books to find the perfect chapter or picture book for them. Each child also received a cute bookmark and a *Luke the Lion Fall into Reading Activity Book*.

Big Hearts for Little Heart's Fall into Reading is an annual and valuable event for the children of the hospital and the surrounding community.

Heartfelt thanks go out to the many guild volunteers, child life specialists, family members, and the hospital administration who made this 2009 Fall into Reading a successful and fun event for the children at Loma Linda University Children's Hospital.

Language services shares compassion in English, Spanish, and sign language ...

Continued from previous page
Reid, MSW, language services forms an essential link between health providers and their Spanish-speaking patients. "We interpret so doctors and patients can understand each other," he says. "We also translate signs and flyers and vital forms."

Katya Campos points out that many people aren't aware of the difference between translation, which is written, and interpretation, which is verbal. "We do both," she explains.

"We translate a variety of forms used throughout the institution," Mr. Reid agrees, "including patient education booklets and flyers, marketing materials, and consent forms. We interpret at admission and discharge, during family conferences, and at physician and nurse updates, and treatment plans."

Interpretation can get complicated because of subtle linguistic nuances and regional dialects that shade the meaning of words and phrases from one country to another. Not to worry; language services covers the waterfront.

"We have staff members from Mexico, Costa Rica, Peru, Colombia, El Salvador, Chile, the Dominican Republic, Panama, and North America," Mr. Reid says. "People from those countries—and even different regions within those countries—speak different forms of Spanish. Accurate translation is important."

Daphne Hunter, the only sign language interpreter in the group, says her role goes beyond mere interpretation of languages.

"With sign language," Ms. Hunter observes, "you're often called on to determine the patient's level of understanding in order to let the staff know whether the patient understands the information they're communicating."

"Working here is very rewarding," says Elizabeth Rangel. "It's a pleasure to be able to help our Hispanic community; to be a voice for our patients and the health care providers."

The need for Spanish-language interpretation and translation services can hardly be overstated. According to the U.S. Census Bureau, Hispanics make up 43.9 percent of the population of San Bernardino and Riverside counties.

"I find it rewarding to walk into a room where the patient is surrounded by people who don't speak Spanish," says Michael Beltran. "The way they light up when you say, 'Buenas noches!' Their whole face changes from agony to hope."

Another important role the department of language services provides is to act as cultural brokers to the staff, and vice versa.

"The Medical Center has a policy of only two visitors at a time," Katya Campos observes. "But in the Hispanic culture, when you're in the hospital, everyone you know comes to see you. If you don't know about the importance of having such extended family support, you can make life very hard for the patient. We explain to the family about the need to have just two visitors at a time, and they respect that."

Ms. Campos reports that the team tries to smooth things out between staff members who can't understand why their patients don't just learn to speak English. "We commonly hear people say, 'If they live here, they should speak English,'" she recalls. "We try to explain that the patient needs empathy and understanding, which, ultimately, is what we all look for when we are sick. As cultural brokers, we help providers understand the Hispanic culture."

Technology enhances the team's ability to reach patients in far-flung localities, and makes



Members of the Loma Linda University Medical Center language services department include (front row, from left) Rosario Bonilla and Michael Beltran; (back row, from left) Yessenia Tantamango, Marisol Flores, Daphne Hunter, Katya Campos, Veronica Lister, Elizabeth Rangel, and language services director Roberto Reid. The multilingual team provides translation and interpretation services for patients and providers in English, Spanish, and sign language.

Rosario Bonilla's job a lot easier.

"I was hired to interpret for patients at outlying facilities," she recalls, "like the Behavioral Medicine Center, Heart & Surgical Hospital, and other outside specialty clinics such as the Kidney Center. I needed roller skates to get around to all those places. It's so great now with video conferencing."

Mr. Reid agrees. "Video conferencing allows us to talk to patients and providers in other areas without having to physically run over there."

It may involve technology, but video conferencing can also be high-touch. "The other day, I was asked to provide interpretation services for a woman via video conferencing," Ms. Bonilla recalls. "When they trained the camera on her, the lady looked so sad. But when I said 'Buenas tardes!' she perked right up!"

Administrative assistant Veronica Lister says she enjoys working with the team. "I'm trilin-

gual. I'm fluent in Spanish and English and I know sign language. I wear many hats and enjoy working with everyone. It's much to cover—video, phone interpreting, dispatching, data reports—but I love it."

Marisol Flores says the job isn't always fun. "I remember one day when, within minutes of each other, I had to tell one set of parents that their child was going to die, and then I was sent off to interpret for a family that was about to give birth to a newborn. Sometimes our work puts us on a roller coaster of feelings."

The experience of hospitalization can be confusing to patients, especially when a language barrier interferes with the flow of communication between themselves and providers.

"We're a voice for the Medical Center as well as the patients," Elizabeth Rangel explains. "When there are problems, it's usually just a lack of
Please turn to page 11

SUPPORT FOR CANCER RESEARCH



Team Purple, a group of friends and co-workers of an occupational therapist at Loma Linda University Medical Center who is battling pancreatic cancer, proudly display their colors. Members of the team recently marched through Redlands to raise awareness and funds to fight the deadly disease. Individuals on the back row forgot their T-shirts, so donned support frames in shades of lavender and purple to show their support for the cause.

Team Purple takes to the streets to support co-worker with pancreatic cancer

By James Ponder

In their bright purple T-shirts, the 10 friends and co-workers of an occupational therapist at Loma Linda University Medical Center who is battling pancreatic cancer made a striking impression as they marched through Redlands during the 2nd annual Believe and Walk for the Cure on Sunday, October 4, 2009.

Team Purple marched in support of a co-worker, who has been with the occupational therapy department at the Medical Center for 16 years, and was diagnosed with the deadly cancer in December of 2008.

In a press release issued the day after the event, Nancy Varner, co-founder of the Walk, says more than 6,000 people participated in this year's installment, and raised a total of \$328,000 for the patient resource center at the Loma Linda University Cancer Center (LLUCC). The walk is sponsored by Stater Bros. Charities and Inland Women Fighting Cancer.

According to Lisa Love, occupational therapist, Team Purple mobilized after co-workers learned that their beloved colleague had contracted the disease.

"She means a lot to us," Ms. Love says of the co-worker who has asked not to be identified. "When she first was diagnosed, we all got purple wrist bands and pins to wear. Purple is the color designated for pancreatic cancer. The T-shirts came later."

Ivory Tifa, occupational therapist, adds that "Team Purple is much more than merely wearing a T-shirt or participating in a walk. It's a hospital-wide support system of friends and co-workers who have been praying for our colleague and showing our support since she was diagnosed last December."

Altogether, 20 individuals purchased the Team Purple T-shirts, and half of them participated in the walk. "We raised a total of \$445 through the sale of T-shirts, pins, and wrist bands," Lisa Love notes, "and through participating in the

walk. We chose the Cancer Center because that's where our co-worker got therapy. When we asked if she or her husband needed money for groceries or anything, she said, 'Please just donate to help find a cure! So that's what we did.'"

Ivory Tifa notes that when the team posted photos of its participation in the Believe and Walk for the Cure fundraiser, other employees took note. "Several of the nurses at Children's Hospital said to us, 'We're glad somebody's doing this!'"

At a photo shoot on Thursday, October 8, 2009, 15 members of the team showed up to show their love and support. One team member grabbed a video camera and recorded messages

WARREN MILLER'S DYNASTY 60

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to the co-worker, many of which were punctuated by tears. One member of the team signed off with, "I love you," before choking up with sadness. Another one proudly displayed the purple wristband he has worn faithfully ever since learning of his friend's illness. When it came time for the photo, the four individuals who forgot to bring their purple T-shirts framed their faces in purple or lavender.

"It's important that we raise awareness for pancreatic cancer," Ms. Love notes. "It's the fourth-leading cause of cancer death. Despite the fact that Patrick Swayze just died from it, not many people know about it. It's called "The Silent Killer" because once you get it, it's too late. You don't usually experience many symptoms until you're diagnosed."

Please turn to page 11

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LOMA LINDA UNIVERSITY HEALTH CARE

PHILANTHROPY



Christy McLeap & Leapin' Lee, K-FROG Radio personalities, broadcast live from the 8th annual Stater Bros. Charities K-Froggers for Kids Radiothon presented by Procter & Gamble.



Tristan, who is battling cancer himself, joins his mom, Monique, taking pledges during the K-Froggers for Kids Radiothon.



During the Stater Bros. Charities K-Froggers for Kids Radiothon broadcast live from Ontario Mills Mall, more than 80 volunteers work in shifts, taking pledges.

'K-FROGGERS for Kids Radiothon' raises more than \$365,000

By Nancy Yuen

On Tuesday, September 29, and Wednesday, September 30, the K-FROG stations and Stater Bros. Charities hosted the 8th annual Stater Bros. Charities K-Froggers for Kids Radiothon presented by Procter & Gamble. The event raised more than \$365,000 to benefit the pediatric hematology and oncology unit at Loma Linda University Children's Hospital.

The radiothon was broadcast live on the K-FROG stations: 95.1 FM in the Inland Empire, Los Angeles, and Orange County; 92.9 FM in Temecula Valley, and 103.1 FM in Victor Valley from the Ontario Mills Mall each day for 15 hours, beginning at 5:00 a.m. The phones were busy, especially during times when sponsors doubled or tripled callers' pledges. More than 80 volunteers, including parents whose children have received care at Children's Hospital, worked in shifts answering phones during the radiothon.

In addition to donating funds to Loma Linda University Children's Hospital, the Stater Bros. Charities K-Froggers for Kids Radiothon offers donors a chance to provide bicycles to underprivileged schoolchildren in the Inland Empire. For every \$200 donation received, Stater Bros. Charities along with Procter & Gamble, Kellogg's, Hansens, Sara Lee, 7UP, Coca-Cola, Skippy, Mission Foods, and Del Monte joined together, providing financial support for the bikes. This year more than 1,000 bikes will be given to children in Riverside, San Bernardino, Inyo, and Mono counties.

In 2008, these corporate champions raised more than \$483,000 for LLU Children's Hospital. The funds were used to purchase much-needed equipment, including portable cardiac monitors now in use on unit 4800. Over the past eight years the Stater Bros./K-FROGGERS for Kids annual radiothon, benefiting LLU's pediatric hematology and oncology unit, has raised more than \$3.3 million.

TRANSPLANTATION PIONEER HONORED

Children's Hospital to honor Dr. Bailey

By Richard Weismeyer

Loma Linda University Children's Hospital is proud to celebrate the 25th anniversary of successful infant heart transplantation.

All employees are invited to join Loma Linda University Medical Center administration at the main entrance to LLU Children's Hospital

on Wednesday, November 18, 2009, from 12:00 noon to 2:00 p.m. as Leonard L. Bailey, MD, distinguished professor of surgery, and the heart transplant team are honored.

Festivities include live music, refreshments, and more. This groundbreaking procedure has changed lives, with well over 2,000 infant heart transplants worldwide to date.

Loma Linda University remembers Baby Fae on 25th anniversary of historic surgery ...

Continued from page 12

doctors in Loma Linda, she was handed a card with the local coroner's name and phone number, and given three options: She could leave Stephanie Fae at Loma Linda to die; she could take her little girl back to Barstow Community Hospital to die; or she could take her home to die.

After spending several days in a Barstow hotel, Ms. Beauclair came to a conclusion. "I believed that Stephanie had the right to die in her own home," Teresa explains. "However, the time in the hotel gave me an opportunity to bond with her."

In 1984, Dr. Bailey was one of a handful of physician researchers interested in saving infants born with fatal heart defects. He chose to complete his residency at a facility specializing in heart transplantation in the hopes of applying that knowledge to saving these doomed infants.

Returning to Loma Linda following residency, he began research on cross-species heart transplantation, largely because no human infant donors were being sought by the organ procurement agencies. He and his research associates transplanted infant sheep hearts into infant goats with amazing success. The transplanted goats would thrive for quite a while before their bodies would reject the donor heart.

The discovery of cyclosporin changed the research outcome for Dr. Bailey, allowing the baby goats to grow into healthy adults, have offspring of their own, and live full lives. Dr. Bailey firmly believed that cyclosporin, a drug that suppresses the body's immune response, would revolutionize organ transplantation. He suggested that cross-species heart transplantation could be used to save the lives of the many infants dying of hypoplastic left heart syndrome and other fatal heart defects.

The paths of Dr. Bailey and Teresa Beauclair crossed at an opportune time. Though out of the country at the time of Baby Fae's initial visit to Loma Linda, Dr. Bailey learned about her as soon as he returned. Ms. Beauclair was immediately contacted and invited to meet with Dr. Bailey and hear about his research. After their meeting, she began an intense and lengthy process of deciding whether to go ahead, signing a series of releases at each step.

The historic surgery took place on October 26, 1984. News of the surgery captivated the world and a media frenzy ensued. Stephanie Fae not only survived the surgery, but thrived for more than two weeks. Then, for reasons that remain a mystery to this day, she began to deteriorate.



Stephanie Fae Beauclair was the first of many infants to receive a heart transplant at LLU Children's Hospital.

One by one, her essential organs shut down until, on November 16, 1984, she succumbed and passed away.

The impact of her death was felt around the world. Nearly every media organization in the United States, as well as many foreign news outlets, closely followed the story from her historic surgery and miraculous recovery to her death. Soon after Stephanie Fae's death, her mother spoke with Dr. Bailey and asked him to carry on with his research. "I asked him not to let Stephanie Fae's life be wasted," she remembers.

Within a year, Dr. Bailey performed the first infant-to-infant heart transplantation on Baby Moses, whose actual name is Eddie. Now 24 years old, Eddie lives in Las Vegas, leads an active life, and holds the distinction of being the longest living heart transplant recipient.

With news of Eddie's successful heart transplant, organ procurement agencies began to realize the need for infant hearts and other organs for this previously overlooked segment of the population. Though not every infant to receive a heart is still alive today, a vast majority are growing into young adults and contributing to society in special ways.

Their lives are part of Baby Fae's lasting legacy.

For information about attending the October 31 event, or arranging for interviews of participants following the the program, call Larry Kidder at (909) 558-1000, ext. 42350.

NEW TECHNOLOGY

Endodontics purchases new microscopes

By Doug Hackleman

Robert Handsides, DDS, chair, department of endodontics, School of Dentistry, reports that the department has recently installed four new Zeiss OPMI Pico operating microscopes in the predoctoral clinic.

By integrating the microscopes on the clinic floor, the faculty hopes to achieve several goals. First and foremost is to further educate predoctoral students to the necessity of good magnification and illumination in treating patients with endodontic needs.

Dental operating microscopes, with high magnification and good light sources, are

quickly becoming accepted as a necessity in endodontics. It is important for predoctoral students to get some exposure to such innovative equipment prior to graduation.

On another note, the concern for adequate training and competence is always being evaluated. It is the faculty's hope that with the addition of the microscopes (and better visualization), some of the more challenging endodontic cases that in the past have been referred to graduate students can now be treated in the predoctoral program.

The new microscopes represent a great opportunity for the dental students to achieve better "insight" into the tooth's pulpal anatomy.

The department of endodontics long-range goal, Dr. Handsides says, is to have eight microscopes—one for each predoctoral endodontic operatory.

Each of these microscopes, it is hoped, will be equipped with video imaging through the microscope and a live feed to a monitor.

This capability will have a dual advantage. First, it will enhance patient care, because instructors will be able to see exactly what a student is doing and minimize any procedural accidents. Second, it will provide the ideal learning tool—the students' ability to observe as an instructor demonstrates a procedure or identifies landmarks.

Faculty from other departments in the school are invited to come and see the new additions to the clinic.



Zeiss OPMI Pico microscope

BREAST CANCER AWARENESS

'Soup Sisters' prepare for 60-mile walk to raise awareness for breast cancer

Contributed report

A dozen Loma Linda women, all connected in different ways with Loma Linda University Adventist Health Sciences Center, are gearing up to participate in a nation-wide effort to raise funds for breast cancer research. The specific project is a three-day fund-raising walk in San Diego late in November.

The group, who call themselves "Soup Sisters," have been meeting at the home of the chief organizer, Janette Allen, RN, assisted by Donna Hadley, RN, and Patty Catalano, RN. Their two major objectives are to raise funds for the breast cancer fund, and to get as many other women as possible to take part in the three-day, 60-mile walk in San Diego November 22 to 24.

Some members of the group took part last year in the San Diego Walk. The San Diego event will be the last of 15 such programs across America that started in Boston on July 24.

Several million dollars is the goal for the project. All monies go to the Susan G. Komen for the Cure and the National Philanthropic Trust Breast Cancer Fund. The thousands of participants then take one step farther by walking 60 miles over the course of three days.

According to Ms. Allen, every advancement in breast cancer research, treatment, education, and prevention in the past 25 years has been touched by a Komen for the Cure grant. Her own participation has been prompted to honor her own sister-in-law, Linda Whitaker, a resident of her home country of Australia.

Each person in the local support group has pledged to raise \$2,300 for the walk. The group hopes to raise a substantial amount from residents of Loma Linda, Redlands, and surrounding areas.

In addition to fundraising, the ladies also gear up for the strenuous three-day walk, a major event in San Diego. It covers about 15-22 miles each day for three consecutive days, totaling approximately 60 miles.

After an eight-hour walk during the day, the walkers will spend the evening at the Breast Cancer 3-Day Camp with fellow walkers and

crew members. Each person is provided a two-person sleeping tent to share with a friend. The camp will include a food tent, showers, a "3-Day Café" for relaxation and fellowship, a stage for nightly announcements, and entertainment.

Ms. Allen reports that part of what makes Breast Cancer 3-Day Walk such a memorable experience is the unique community that is formed at the camp. She says that walkers must be 16 years of age by the end of the year. Organizers will provide medical service on site but

services off site will be handled by personal health insurance.

In addition to the walkers, the 3-Day organizers provide a staff of crew member volunteers. The crew teams do not walk, but volunteer for four days to direct traffic, set up tents and chairs, provide meals and water stations, and pick up trash after the event.

This year one of the Soup Sisters team, Linda Wat Jacobson, MD, will be volunteering on the medical crew. She will be celebrating her one-year anniversary as a breast cancer survivor.

"It will be great having our own personal physician on hand," says Ms. Allen.

Ms. Allen says that all donations are tax-deductible and checks should be made out to Breast Cancer 3-Day.

All checks should be attached to a donation form that will be provided by the Loma Linda ladies. Any donations should have the team name on the memo line so that the Soup Sisters will receive the credit. For further information, refer to the website <www.3day.org>.

In addition to Boston and San Diego, other walks will take place in Cleveland, Chicago, Twin Cities, Denver, Seattle, San Francisco, Washington, D.C., Philadelphia, Atlanta, Tampa Bay, Dallas-Fort Worth, and Arizona.



Saturday, November 28, 2009

4:00 P.M.

University Church

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Free Admission

MEMBERS INDUCTED INTO SOCIETY

Society of Scholars inducts new dentistry members

By Doug Hackleman

During the School of Dentistry's 50th anniversary commemorative celebration in 2003, 30 charter members were named to the Society of Scholars.

Society members are required to have at least 50 publications in dentistry-related professional

journals. In recognition of their publishing accomplishments, current school faculty Society of Scholars received medallions at the Faculty Advance Seminar on September 18, 2009.

Newly inducted society members include Joni Stephens, EdS, MS, professor, dental hygiene; and Joseph Kan, DDS, MS, implant specialist, department of restorative dentistry.



Society of Scholars display medallions they received. Pictured are (front row, from left) Wu Zhang, DDS; Mahmoud Torabinejad, DDS; Bradley Baum and Marti Baum (receiving a medallion for their absent father, Lloyd Baum, DDS); Leif Bakland, DDS; and Joseph Kan, DDS; (back row, from left) Joni Stephens, EdS, MS; Alan Herford, DDS; Jaime Lozada, DDS; Charles Goodacre, DDS; Yiming Li, MD, MSD, PhD; W. Patrick Naylor, DDS; and Sean Lee, DDS.

STUDENT RESEARCH



Those involved with the new AADR NSRG Loma Linda chapter include: (back row, from left) Yiming Li, DDS, MSD, PhD; Kirolos Zakhary, Scott Arceneaux, and Mei Lu, DDS, MS, PhD; (front row, from left) Justin Weaver, Ron Dailey, PhD; and Michael Knutson.

Loma Linda student chapter for dental research association established

Contributed report

A Loma Linda Chapter of the American Association for Dental Research (AADR) National Student Research Group (NSRG) has recently been established.

Justin Weaver (class of 2010), president; Scott Arceneaux (class of 2011), vice president of technology; Kirolos Zakhary (class of 2011), vice president of public relations; and Michael Knutson (class of 2011), secretary; are working with faculty advisors Mei Lu, DDS, MS, PhD, associate professor, department of oral and maxillofacial surgery, and course director for research design; Yiming Li, DDS, MSD, PhD, director, Center for Dental

Research; and Ronald Dailey, PhD, executive associate dean for academic affairs to improve the student research opportunities at LLUSD.

The chapter's goal is to better facilitate research opportunities for those School of Dentistry students who are interested in research in oral health care/craniofacial biology.

From the time they enter dental school, students are encouraged to become student research group members.

If you are interested in joining the Loma Linda chapter for AADR/NSRG, please feel free to contact Michael Knutson (class of 2011), at <mknutson@llu.edu>.

MUSIC IN THE COMMUNITY

Calimesa Concert Series celebrates 25 years and kicks off season November 21

Contributed report

The first concert of the 25th anniversary Calimesa Community Concert Series will be held on Saturday night, November 21.

The featured artist will be Robert Tall, PhD, of Glendale, California, an outstanding classical organist. The venue will be the Calimesa Seventh-day Adventist Church, 391 Myrtlewood Drive in Calimesa. This will be a ticketed event and seats will go for \$10.

The concert will be played on the church's new organ installed earlier this year, according to Robert Soderblom, MD, coordinator of the concert series. A pre-owned three-manual Rodgers Trillium Masterpiece Custom organ replaced the former Allen electronic organ that has been in use by the church for the past 21 years.

The purchase of the organ was arranged through Robert Tall and Associates, Inc. a business owned by guest organist Robert Tall.

The visiting artist has devoted most of his life to music. Advanced studies at the University of Utah culminated in 1967 when he received a doctor of philosophy degree in music and psychology.

Shortly before coming to the Los Angeles area,

Dr. Tall was appointed principal organist and featured artist at the Hollywood Bowl Easter Sunrise Services, a position he held for 12 years. He has also continued advanced organ studies with the late Richard Purvis.

In 2008 he performed the Howard Hanson Concerto for organ, strings, and harp with the late Carmen Dragon and the Glendale Symphony Orchestra in the Dorothy Chandler Pavilion in the Los Angeles Music Center.

Dr. Tall has been a member of the Los Angeles Chapter of the American Guild of Organists since 1984. He has held many positions, including dean, and was he was convention coordinator for the Los Angeles AGO National Convention in 2004. On a national level he served as director of the committee on national conventions.

Residing in Glendale, California, Dr. Tall manages the division of marketing and sales for his company, Robert Tall and Associates, Inc., one of the world's leading distributors of classical organs and digital music systems.

For reservations call (909) 795-4960. If you prefer, write to Concert Series, P.O. Box 647, Calimesa, 92320 with a check and a self-addressed envelope. Tickets are also available at the Loma Linda Adventist Book Center on Barton Road and the student affairs office.

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Ticket Price

\$10 per person in advance and at the door

For More Information

Call the Concert Line at (909) 795-4960

Hear the new Rodgers 3-manual Trillium organ played by nationally-acclaimed organist Robert Tall!

TOBACCO INDEPENDENCE CLINIC

Pharmacy professors establish clinic for tobacco independence at LLUMC

By James Ponder

Two Loma Linda University School of Pharmacy (LLUSP) professors have an exciting new mission on their hands: to help patients of the Transplantation Institute at Loma Linda University Medical Center (LLUMC) prepare for organ transplantation by kicking the smoking habit.

The duo—Linda Davis, PharmD, and Hyma Gogineni, PharmD—completed requirements for the tobacco treatment specialist certificate from the Mayo Clinic in Rochester, Minnesota. “We worked very closely with expert physicians here at Loma Linda including Dr. David Sachs, Dr. John Hodgkins, and Dr. Linda Ferry,” Dr. Gogineni explains, “to gain more insight into the field of tobacco dependence treatment.”

“Our job is to motivate patients to stop smoking, give them the tools to counteract withdrawal symptoms and cravings, and help them understand that they are equipped to stay smoke-free for the rest of their lives,” Dr. Davis asserts. “We discuss the medication choices and prescribe the medications best-suited for their individual needs. Part of the intake session also includes educating them about the science of addiction. People tend to think of smoking as just a bad habit, but nicotine is actually as addictive as heroin.”

“That seems extreme,” Dr. Gogineni adds, “but it’s true. Nicotine is as addictive as heroin. I think it’s very important for people to realize that it is like other addictions, and that using just one over-the-counter drug nicotine replacement therapy medication—patch, gum, or lozenge—is usually not enough.”

Dr. Davis strongly agrees. “Combination treatment—including a nicotine patch and a fast-acting nicotine replacement product for withdrawal symptoms—is the treatment of choice for most of our patients.”

Dr. Davis points out that the new Clinic for Tobacco Independence at the Transplantation

Institute offers patients in need of organ transplants three significant benefits.

“First,” she says, “stopping this addictive behavior decreases the likelihood of cardiovascular events including heart attack and stroke. Second, it improves their eligibility for organ transplantation. Finally, it speeds the recovery process by fostering post-surgical wound healing. It’s a win-win situation.”

The story of how the program came into existence spotlights the cooperation of several individuals and departments eager to help Inland Empire residents attain maximum health.

“Zeid Kayali, MD, MBA, internist, hepatologist, and liver transplant medical director at the LLUMC Transplantation Institute, approached us about starting a program like this for patients awaiting liver transplant,” Dr. Gogineni recalls. “He felt that having this program would improve patient outcomes after surgery, and decrease the incidence of morbidity and mortality. We thought it was an outstanding idea.”

So did Reza Taheri, PharmD, chair of the department of pharmacotherapy and outcomes science at LLUSP.

“When we were first approached by the Transplantation Institute,” Dr. Taheri shares, “we saw this as a great collaborative opportunity. First was the opportunity to provide high-quality patient care through an inter-professional approach. Collaborations with other programs and disciplines across campus align complementary skill sets and expertise, which ultimately leads to enhanced patient care.”

“The second opportunity provided by this collaborative partnership is the rich educational environment created for students and residents. Along with Dr. Elvin Hernandez, Dr. Davis, and Dr. Gogineni are involved in teaching a didactic curriculum for tobacco dependence treatment to educate future pharmacists about how to help their patients stop smoking.”

Historic pharmaceutical and apothecary collection on loan and on display in the Del E. Webb Memorial Library



Larry and Donna Serber of Garden Grove, California, proudly exhibit some of the historical pharmacy and apothecary items they recently loaned to Loma Linda University for a display inside the Del E. Webb Memorial Library. The arrangement replicates a painting by American artist Robert Thom titled “America’s First Hospital Pharmacy (About 1755),” a copy of which is included in the installment on the first floor of the library. In addition to the bottles and storage vials seen in the photograph, other featured items—all of which are authentic from the time of the Revolutionary War—include an elegant set of scales, a chair, feather writing plume and inkwell, assorted botanical preparations, a mortar and pestle, and related compounding tools.

“We are very grateful to the Serbers for sharing their important historical collection with us,” notes Billy Hughes, PhD, dean of the LLU School of Pharmacy. “It’s fascinating to see how much the art and science of the pharmaceutical profession has evolved to serve the needs of patients over the years—so similar, and yet so different.”

Dr. Taheri notes that another feature of the cooperative program also appealed to members of the LLUSP team as they considered Dr. Kayali’s request.

“In the forming stages, we also saw the research potential of working in the area of tobacco dependence treatment down the road,” Dr. Taheri adds. “Because of the significant impact of smoking—both on the individual’s health as well as society’s burden—there are tremendous opportunities for research into the impact of

such a focused clinic on outcomes.”

Although the Clinic for Tobacco Independence just opened in August 2009, Drs. Davis and Gogineni report they already have a group of 15 to 20 potential patients in the liver transplant program.

One of them, a patient by the name of Dean Kinoshita, is optimistic about the progress he’s making under Dr. Gogineni’s tutelage.

Continued next page



Linda Davis, PharmD, and Hyma Gogineni, PharmD, are excited about the new Clinic for Tobacco Independence they recently established in conjunction with the Transplantation Institute at Loma Linda University Medical Center. “Our job is to motivate patients to stop smoking, give them the tools to counteract withdrawal symptoms and cravings, and help them understand that they are equipped to stay smoke-free for the rest of their lives,” Dr. Davis notes.



Dean Kinoshita takes a puff on the carbon monoxide monitor during a recent visit to the Clinic for Tobacco Independence. The clinic, a service of the LLUMC Transplantation Institute, helps transplant patients prepare for surgery through enabling them to break the cycle of tobacco addiction. Drs. Hyma Gogineni (center) and Linda Davis were trained as tobacco treatment specialists at the Mayo Clinic in Rochester, Minnesota.

MOTHERS AND BABIES

Regional Perinatal Forum spotlights maternal and neonatal transport

By James Ponder

Inter-hospital transportation for mothers and babies was the focus of a one-day maternal-fetal medicine transport seminar sponsored by Regional Perinatal Program of California (RPPC), Loma Linda University Children's Hospital (LLUCH), and United Healthcare on Tuesday, September 1, 2009, in Wong Kerlee International Conference Center.

According to Gretchen Page, CNM, MPH, manager of region 7 for the RPPC, the purpose of the seminar was to provide local perinatal leadership with state, regional, and hospital-specific data regarding neonatal transport.

The data strongly supports the need for hospitals to transport pregnant women whose babies are likely to have special medical needs to a hospital designated, in California Children's Services (CCS) parlance, as either a community- or regional-level NICU (neonatal intensive care unit) facility.

"A community-level NICU hospital," Ms. Page explains, "is a facility that the CCS designates as having the capability of providing a full range of neonatal services for severely ill neonates and infants. In addition, community NICUs provide support to intermediate NICUs and hospitals with normal newborn nurseries. Regional hospitals have the added ability to perform surgery for severely ill neonates and infants. A regional NICU provides a full range of specialties, such as cardiology and neurology. LLUCH is the only regional NICU in region 7, which encompasses San Bernardino, Riverside, Inyo, and Mono counties."

The forum featured a presentation by D. Lisa Bollman, RNC, MSN, executive director of the Whittier-based community perinatal program, and director of the California Perinatal Transport System (CPTS), on how individual hospitals within region 7 performed when compared to other birthing facilities throughout the state. She also assisted with interpretation of the information as it may apply to perinatal quality

improvement activities regarding neonatal and maternal transport at birthing facilities.

"We had too many of our VLBW (very low birth weight) babies in region 7 last year born outside the community- or regional-level NICU, which is a quality measure for safe practice," Ms. Page reports. "Our goal is for 90 percent of our VLBW babies to be born in a community-level or regional NICU."

While the CPTS has been around for many years, data collection stopped for a while, only to start again in 2007. "We knew we had issues with transport," Ms. Page observes, "but now we have data on 18,000 individual transport cases throughout California. Data is collected on every baby that is transported to a higher level of care throughout the State of California."

"Now that we have the data," she continues, "the issue is how to use it for quality improvement. Hospitals can look at how long a mom was in the original admitting hospital before being transferred to a community-level or regional facility. They can also evaluate the timeliness of transports—that is, how soon does the transport team arrive after receiving a request from a receiving hospital. Amazingly, our region's transport teams do better than all the other regions in California on this measure, and we're dealing with a vast geographic area!"

In the case of babies that were born with special needs, Ms. Page says one question to ask is "Was there time to transport the mother? If so, then a chart review would be the next step to see why the mother was not transported before giving birth versus engaging a NICU transport team, frequently by helicopter, after the event." She explains that beyond being a cost issue, the question is also an important quality of care issue since babies that don't need to be transported have significantly better outcomes than babies who do.

"Planning for appropriate delivery site in advance is an important example of the type of quality improvement we're seeking to implement throughout region 7," she asserts. "Especially when there is a prenatally diagnosed congenital anomaly that is known to require surgery. It can't always be arranged in advance—there are occasionally extenuating factors—but when looking at the data, we see there are definitely instances when the mother could have delivered in the appropriate setting, and thus avoided having to transport the infant later, and separating the mother and the infant."

Gretchen Page thinks one of the reasons some hospitals rely on so many post-partum transports, which she defines as neonatal versus maternal, is financial. "This is a challenge," she acknowledges, "and it is important to look at how payment is disbursed in cases involving neonatal transport. We also need to establish a system of maternal transport within our region. We also need a system of receiving and referral for transporting patients, perhaps even a centralized system."

She thinks one solution to the problem of hospitals retaining mothers that should have been transported to community-level or regional facilities will also be financially based.

"In our region," she notes, "about 60 percent of our births are Medi-Cal, which is funded by the State of California. Each region is required to make an annual site visit to all our facilities and share their birth outcome data. In region 7, we're



Gretchen Page, CNM, MPH, manager of region 7 for the Regional Perinatal Program of California (RPPC) at Loma Linda University Children's Hospital (LLUCH), says data presented at the maternal-fetal medicine transport seminar held in the Wong Kerlee International Conference Center on September 1, 2009, highlights the importance of transferring pregnant women whose babies are likely to have special medical needs to hospitals licensed to provide the appropriate specialty care. Ms. Page notes that region 7 of the RPPC has been based at LLUCH since 1984.

actually at 59.8 percent of Medi-Cal deliveries versus 46.9 percent for the California average. If the state-monitored reimbursement to hospitals with normal newborn intermediate-level nurseries for VLBW babies delivered there, other insurers would similarly follow suit. Providers and birthing facilities would be incentivized to perform more maternal transports and more timely neonatal transports. We know this is not always possible, as a percentage of the deliveries occur within two to four hours after the mother is admitted, not allowing for safe transport."

At the September 1 forum, Ms. Bollman presented each region 7 hospital a report on their facility's performance. She also presented the findings to the group, but de-identified each hospital. At this point in the process, punitive measures are not being administered. "The goal," says Ms. Page, "is to provide everyone with information to assist them in meeting local and national standards."

Ms. Page explains that the RPPC was established in 1979 as a structure to engage public and private health care providers eager to work together to assure the well-being of pregnant women and their babies, and to promote access to appropriate levels of high-quality care.

"The RPPC is funded by federal Title V maternal child health block grants," she explains. "The perinatal leadership here at Loma Linda contributes greatly to all of our outreach activities. We've been at Loma Linda since 1984."

Ms. Page concludes by noting that, "The scope of our work with the State of California maternal child health division requires that the RPPC direct a regional quality improvement council that includes perinatal leadership providers in the community. In addition to our council meetings, we host this forum annually to promote communication amongst perinatal leadership and facilities in order to work together to continually optimize care for mothers and babies in our region."

Pharmacy professors establish clinic for tobacco independence at LLUMC ...

Continued from previous page

"My wife is very excited that I'm quitting cigarettes," Mr. Kinoshita notes. "She says she can already see the improvement."

Dr. Gogineni is optimistic about Mr. Kinoshita's prognosis for recovery. "He's only tried to quit once before," she says. "His motivation is really high; he's feeling bad that his bad habit, as he calls it, has brought on his illness."

Dr. Davis points out that Dr. Gogineni will follow-up with Mr. Kinoshita on a weekly basis for the first eight weeks of his treatment regimen, then every three months for up to a year after that.

Although the Clinic for Tobacco Independence is currently only treating pre-liver transplant patients, Drs. Davis and Gogineni are optimistic about expanding to wider horizons once the program gains momentum. "Hepatology patients aren't the only ones who need this," Dr. Gogineni exclaims. "We'll expand it to meet the needs of other patients later on."

"We're very excited about this new opportunity," Dr. Taheri concludes. "When we think about the long-term affects of smoking, helping our patients go off tobacco is a very substantial way that we can significantly and positively impact their lives."

Language services shares compassion in English, Spanish, and sign language ...

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communication. Something wasn't explained to a patient in their native language. We're able to save everyone a lot of time and frustration just by clearing things up."

The spiritual dimension plays an important role in helping language services employees communicate compassion and care to their patients. "One of the things most rewarding to me," adds Marisol Flores, "is to be a servant of God; to be able to help fulfill our mission 'to make man whole.'"

"Sometimes at night there's no chaplain on

duty," Ms. Campos adds, "so the doctor will ask us to pray because the patient needs support."

"Right before I leave every day," Daphne Hunter adds, "I look up at the emblem of Loma Linda University Medical Center and love being a part of this. I love being the mediator between our patients and the staff. One of my patients, who called me her 'voice,' coded on the exam table not long ago. I was talking to her and holding her hand."

"When she revived and came back, the first thing she said to me was, 'You never left my side! My voice was with me the whole time.'"

Team Purple takes to the streets to support co-worker with pancreatic cancer ...

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Ivory Tifa adds that one of the secretaries and case managers on one of the units where the co-worker used to work donated money to buy a scrapbook so the team could present her with mementoes of their friendship.

Lisa Love says the highlight of the day occurred when they heard someone yelling, "Team Purple! Team Purple!" during the walk.

"It turned out to be a good friend of our co-worker," Ms. Love reports. "It just kind of made our day to hear her being recognized like that."

COMMUNITY OUTREACH

Senior Health & Fitness Fair attended by more than 1,000 area seniors

By Larry Kidder

More than 1,000 seniors from surrounding communities visited the 7th annual Senior Health & Fitness Fair, hosted by Loma Linda University Drayson Center senior wellness program.

The fair included a health presentation, titled "What You Should Expect from Your Pharmacist: Generic versus Branded," given by the LLU School of Pharmacy, as well as 80 booths in the Opsahl Gymnasium featuring various area service providers for seniors.

Seniors also had the option of taking part in aerobics and other fitness demonstrations. Health screenings were also available, as well as massage demonstrations.

Tours of Drayson Center were given to interested seniors, as well as once-a-year discounts on the already-low senior membership rates.

"Seniors who remain active as they grow older often enjoy a better quality of life and remain independent longer," explains Romy Niblack, senior wellness coordinator at Drayson Center. "We have a special group of seniors who are taking action in defense of their health and happiness."

Many of Drayson Center's senior membership served as volunteers to help with the fair. The

senior advisory and planning committee planned the event.

The Drayson Center senior wellness program has more than 1,200 regular members. However, Loma Linda University students, faculty, and staff won't cross paths with senior members very often unless they happen to use Drayson Center during the senior hours of 7:00 a.m. to 3:00 p.m. Monday through Friday.

During those hours, the center opens its doors to seniors from surrounding communities, who utilize the facility for personal fitness and recreation, as well as a wide array of fitness classes and social activities.

"Our seniors take excellent care of the facility," notes Donald Sease, MBA, director of the Drayson Center. "They clean up after themselves and cause very little wear and tear."

Special senior rates are available for those between the ages of 55 and 79. Once a senior reaches 80, membership is complimentary.

Many of the seniors have made major lifestyle changes and improvements in their lives. Coming to Drayson Center has made them part of an active and health-conscious community, and their health has improved.

"We've had seniors who came to us using walkers and even wheelchairs," comments Ms.



More than 1,000 seniors from surrounding communities visited the 7th annual Senior Health & Fitness Fair. Service providers in 80 booths were on hand, introducing them to a variety of health and wellness products and services.

Niblack. "Some of these same seniors are taking part in the water aerobics and floor aerobics classes; they don't need their walkers and wheelchairs anymore."

The Drayson Center senior wellness program is dedicated to changing the lives of seniors for the better, helping them stay active and independent as they grow older.



Seniors try their hand at the XRTainment booth, running a race by waving Wii controllers as fast as possible.



The LLU Heart Institute provided blood pressure screenings and advice to seniors at one of the booths.

HISTORIC TRANSPLANT REMEMBERED

Loma Linda University remembers Baby Fae on 25th anniversary of historic surgery

By Larry Kidder

During the Loma Linda University School of Medicine celebration of its 100th anniversary, a special program will take place on October 31, 2009, at the Loma Linda University Church to honor the legacy of Baby Fae, as well as to recognize the miracle of heart transplantation that has given nearly 500 infants a chance at life at Loma Linda University Children's Hospital.

As part of the event, a half-hour version of a

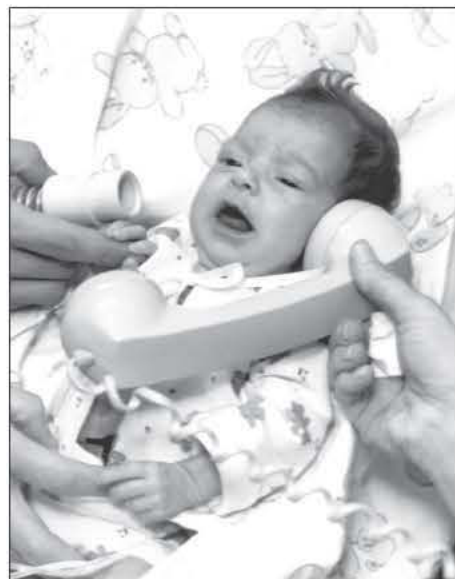
two-hour documentary, "Stephanie's Heart," will premiere. This documentary follows the story through the eyes of Teresa Beauclair, Baby Fae's mother.

Following the video presentation, Leonard Bailey, MD, chief of cardiothoracic surgery at Loma Linda Children's Hospital and the surgeon who performed the historic heart transplantation of a baboon heart into the Baby Fae, will interview Ms. Beauclair. A third portion of the program will involve heart transplant kids, some of whom will be interviewed as well.

The baby's real name is Stephanie Fae Beauclair. She shared her middle name, Fae, with her mother and grandmother. Because the young mother, Ms. Beauclair, wished to remain anonymous, her tiny infant, born with hypoplastic left heart syndrome—a fatal heart defect—was known to the world simply as Baby Fae.

Stephanie Fae was born on October 14, 1984. "I knew something was wrong when they whisked her out the room," Ms. Beauclair recalls. She had started bleeding the night before and came into Barstow Community Hospital, located in the city of Barstow, California. Stephanie Fae was born prematurely the next morning.

The doctors in Barstow sent Stephanie Fae by ambulance to Loma Linda University Medical Center. Later, after Teresa had met with the



This famous photo of Baby Fae was seen by millions of people worldwide.

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TODAY

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