

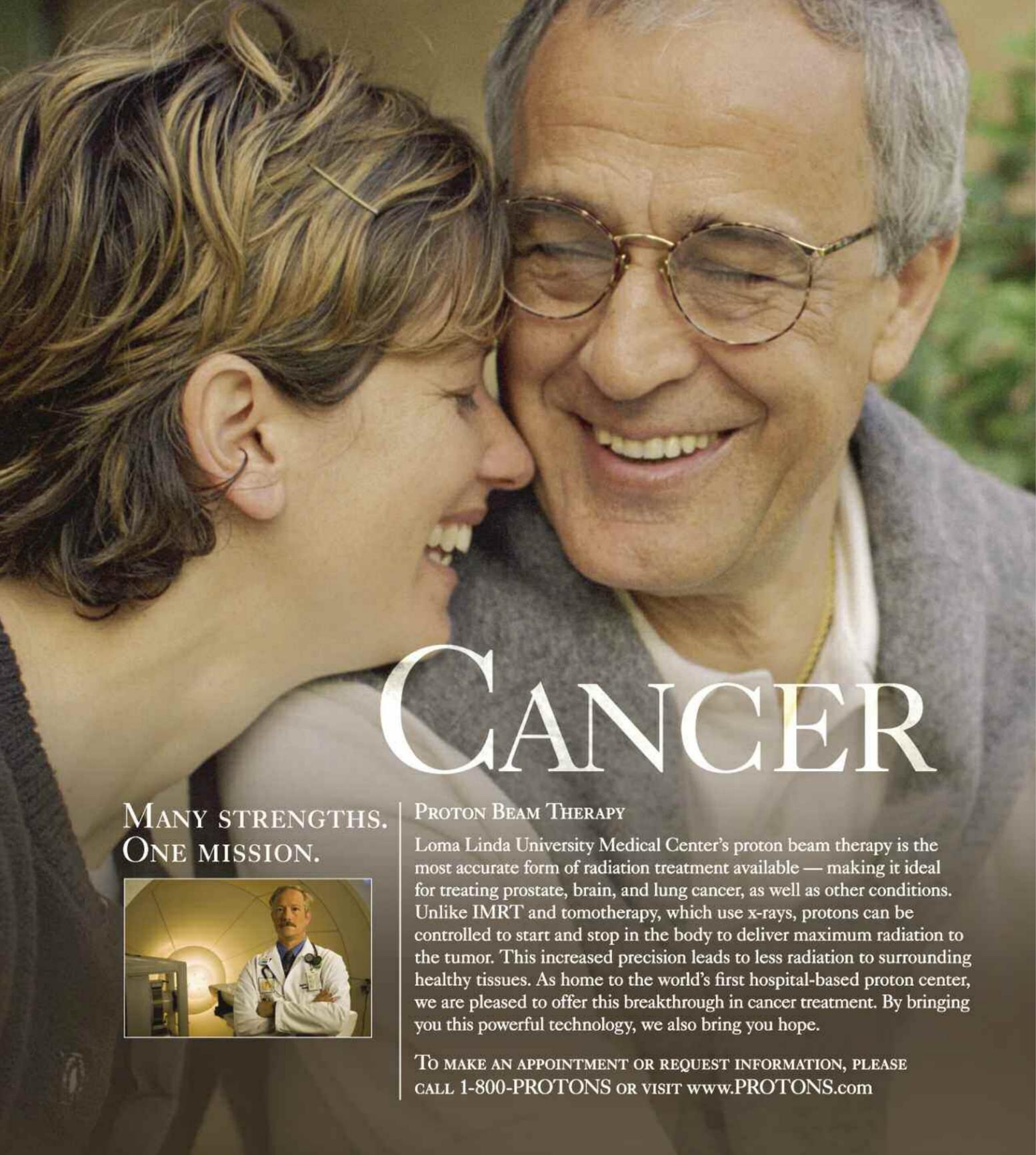
SCOPE

LOMA LINDA UNIVERSITY ADVENTIST
HEALTH SCIENCES CENTER



Summer 2007

LOMA LINDA UNIVERSITY · LOMA LINDA UNIVERSITY MEDICAL CENTER & AFFILIATES
LOMA LINDA UNIVERSITY CHILDREN'S HOSPITAL · LOMA LINDA UNIVERSITY MEDICAL CENTER EAST CAMPUS
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LOMA LINDA UNIVERSITY MEDICAL CENTER



On the covers...

On the front cover:

TOP LEFT: The School of Nursing celebrated its 100th conferring-of-degrees ceremony with the graduation of its first doctoral students. Myrna Dial, PhD (left), and Ahlam Jadalla, PhD, pose for a photo during the ceremony (page 2).

TOP RIGHT: Cameron Evans, 7, is surrounded by his Beanie Baby™ collection just prior to donating all seven bags of them to the LLU office of international affairs to be distributed to less fortunate children in other countries (page 26).

BOTTOM: A team of surgeons operates the daVinci system to complete a prostatectomy, working with greater precision and less negative impact on the patient. The result is a faster recovery, allowing patients to resume their normal lives more quickly (page 14).

On the back cover:

TOP LEFT: A balloon hat, snow cone, and arm painting were enough to bring a smile to any child's face on Wednesday, June 27, during a celebratory event titled "Independence in the Park," officially opening The Park at East Campus (page 8).

TOP RIGHT: Patricia Thio, office of University relations, interviews School of Nursing graduate Alisha Houser following the School's commencement ceremony. For the first time in the University's history, graduation services were broadcast live, airing on Loma Linda Broadcasting Network (page 29).

BOTTOM: The Kids Triathlon gets off to a fast and furious start as the 9- and 10-year-olds race away from the starting line on Sunday morning, April 29, during the 5th annual PossAbilities Triathlon at Loma Linda University Drayson Center (page 23).

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Commencement 2007

Loma Linda University graduates 1,203 during commencement ceremonies in its 102nd year

BY RICHARD WEISMAYER

During 2007 commencement services held at Loma Linda University on May 27 and June 10, a total of 1,203 students received diplomas. A number of individuals were also recognized during the ceremonies for their continued service to the University and the broader community.

School of Medicine

The School of Medicine graduated 153 students with doctor of medicine degrees and 11 students with master's or doctor of philosophy degrees during ceremonies held on May 27 on the campus mall.

Speaking to the graduating students was Benjamin S. Carson Sr., MD, director, division of pediatric neurosurgery at Johns Hopkins Medical Institutions.

Dr. Carson was recognized by *Time* magazine and by CNN as one of America's top 20 physicians and scientists. Dr. Carson's global recognition is derived from many sources. In 1987, he was the primary neurosurgeon among the 70-member medical team that successfully separated 7-month-old German twins joined at the back of the head who shared the major cerebral blood-drainage system.

He has published chapters in scientific textbooks and more than 100 articles in professional journals. He is the author of three books, *Gifted Hands*, *Think Big*, and *The Big Picture*.



School of Medicine graduating senior Eli Kim and his miniature Maltese dog, Miso, display "their" diploma.

School of Pharmacy

The School of Pharmacy, one of Loma Linda's newest schools, graduated 39 students with the doctor of pharmacy degree on May 27.

Leslie N. Pollard, PhD, DMin, vice president for diversity, Loma Linda University Adventist Health Sciences Center, presented the commencement address to the graduating students.

Dr. Pollard began his career 28 years ago as a parish minister in the South-eastern California Conference of Seventh-day Adventists. He has successfully pastored some of the smallest and largest congregations in the United States, including Delaware Avenue, Breath of Life, Kansas Avenue, and Oakwood College churches. He has served as youth pastor, chaplain, college teacher, and education and health care administrator.

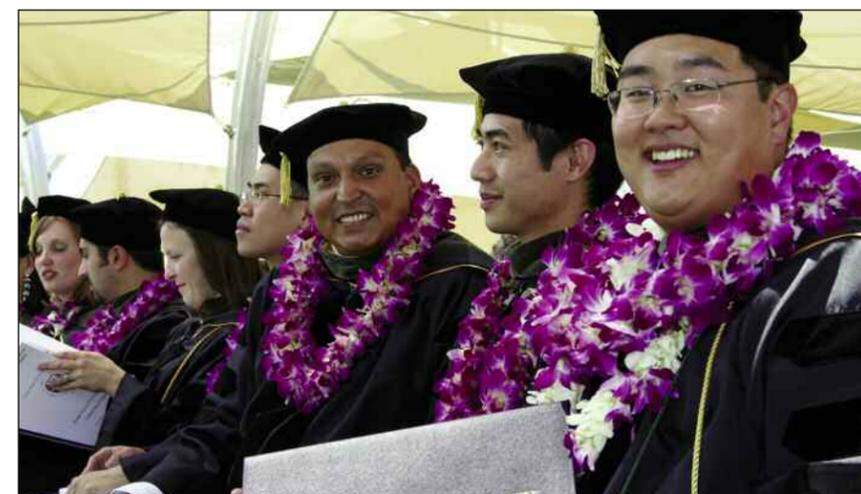
In addition to his many articles pub-

lished in scholarly and popular journals, Dr. Pollard is also a regular guest columnist in the *Adventist Review*. He recently authored and edited the groundbreaking work on leadership and diversity published by the Review and Herald Publishing Association titled *Embracing Diversity: How to Reach People of All Cultures*—now translated into Spanish, French, and German.

Dr. Pollard is the recipient of numerous awards recognizing his professional contributions. In addition, he has been honored for his academic accomplishments and model of personal excellence. He serves as adjunct professor of religion for both Andrews University and Loma Linda University.

School of Dentistry

Loma Linda University School of Dentistry graduated 112 students with



Edward Yoo, PharmD (right), was last to receive his diploma only because the graduates lined up alphabetically by last name. However, his spirits were not dampened by the wait and he proudly displays his diploma.

the doctor of dental surgery degree, 41 with the bachelor of science in dental hygiene degree, 10 with post-doctoral specialty degrees, and 28 with professional specialty certificates. Dentistry's commencement services were held on Sunday, May 27, on the campus mall.

Speaking to the 191 graduates was Leslie N. Pollard, PhD, DMin, vice president for diversity, Loma Linda University Adventist Health Sciences Center (see biography under School of Pharmacy).

School of Science and Technology School of Religion

A total of 124 graduates received degrees from the School of Science and Technology and the School of Religion during joint commencement services held Sunday, June 10, at Drayson Center.

Speaking to the graduates was Emory Joel Tolbert, PhD, professor of history at Howard University in Washington, D.C.

A professor and author, Dr. Tolbert teaches courses in United States history, the African diaspora, and oral history at Howard University. His primary areas of research interest are the African diaspora, the Garvey Movement, and African Americans in the American West.

Dr. Tolbert was senior editor of the *Marcus Garvey and Universal Negro Improvement Association Papers*, volumes



Brandon Brown, DDS, who received a professional certificate in oral and maxillofacial surgery, poses with daughters (from left) April, Autumn, and Andie.

one through four, published by the University of California Press. This monumental survey of 30,000 archival documents and original manuscripts from widely separated sources provides a compelling picture of the Universal Negro Improvement Association.

Graduating cum laude with a degree in history from Atlantic Union College, South Lancaster, Massachusetts, in 1968, Dr. Tolbert has taught at Loma Linda University, California State University at San Bernardino, University of Southern California, University of California at San Diego, and Cali-

fornia State University at Fullerton.

His expertise has been sought internationally as lecturer, presenter, facilitator, committee chair or member, and session commentator.

School of Nursing

The School of Nursing selected Marie Cowan, PhD, dean, School of Nursing, University of California at Los Angeles, to speak to the 168 graduates receiving diplomas at School of Nursing commencement ceremonies held June 10 at Drayson Center.

Dr. Cowan, a nationally renowned nursing educator and cardiovascular researcher, is professor of nursing at the UCLA School of Nursing in addition to her responsibilities as dean.

As a researcher, Dr. Cowan has always been interested in cardiovascular sciences—initially in basic science and currently in multisite clinical trials. The National Institutes of Health (NIH) has continuously funded her research since 1977. More than 100 of her data-based publications have appeared in refereed journals.

She has served on research peer-review committees for NIH and the American Heart Association. She has also served as a member of the Nursing Council of the National Institute of



From left, Ricardo Escobar, Daniel Gonzalez, and Bryant Reynolds are all smiles after receiving their master of science degrees in biology.



The School of Nursing celebrated its 100th conferring-of-degrees ceremony with the graduation of its first doctoral students. Myrna Dial, PhD (left), and Ahlam Jadalla, PhD, pose for a photo at the ceremony.

Nursing Research. She holds membership in numerous professional organizations, and serves as an officer or member of various professional committees and panels.

Dr. Cowan's extensive publications, service to professional organizations, papers, addresses presented at scientific sessions across the United States, and ground-breaking research have made hers an authoritative and appreciated voice in the field of nursing.

School of Allied Health Professions

Speaking to the 128 graduates in the School of Allied Health Professions

department of physical therapy, and later to the 169 graduates from the School's other departments, was Terry Lyndon Johnson, associate senior pastor for youth and young adults, Sligo Seventh-day Adventist Church, Takoma Park, Maryland.

Pastor Johnson joined the United States Air Force in the summer of 1985 with the intent of becoming a chaplain's assistant. However, through a computer mix-up he was assigned to the police academy. While at the academy, he was one of seven individuals selected from among 850 air personnel to become a member of the Presidential Honor Guard—a prestigious military assignment. As a ceremonial guard, he had the privilege of representing the United States Air Force at public and official ceremonies—including presidential inaugurations, heads-of-state funerals, events involving senior Department of Defense and Air Force leaders, and military honors at Arlington National Cemetery. Because of his dyslexia, he is considered to be the first handicapped person to serve as a ceremonial guardsman.

His assignment as a Presidential Honor Guard included portions of the administrations of Ronald W. Reagan and George H. W. Bush. In 1990, he resigned from his full-time duties in order to continue his education, but remained a

member of the military reserve until 1994. He personally witnessed the inaugurations of three presidents—George H. W. Bush, William Jefferson Clinton, and George W. Bush—and the state funerals of Ronald W. Reagan and Richard M. Nixon.

After earning degrees in communication and religion from Oakwood College, Huntsville, Alabama, he accepted a call to full-time pastoral ministry. He is currently in the process of completing a doctor of philosophy degree in family education and counseling.

He is the author of *For His Honor* and *Aim High*, and hosts a weekly radio program, "Teen Talk," which reaches a listening audience of 300,000 in the Washington, D.C., area.

School of Public Health

Sarah B. Kotchian, PhD, associate director for planning, University of New Mexico Institute for Public Health, spoke to the 192 graduates from the School of Public Health at Drayson Center on Sunday, June 10.

Prior to joining the University of New Mexico faculty, Dr. Kotchian served for more than 14 years as director of the Albuquerque Environmental Health Department. In this capacity, she provided leadership during five mayoral administrations.

Dr. Kotchian holds a master's degree from Harvard University, a master of public health degree from the University of Washington, and a doctor of philosophy degree in American studies from the University of New Mexico.

Recognized and highly respected for her many national activities in environmental health, Dr. Kotchian currently serves on a number of state and national committees related to the environment and public health. She is a past president of the New Mexico Public Health Association, and a past member of the executive board of the American Public Health Association, for which she chaired the subcommittee on environment and health.



Members of the speech pathology graduating class sign to the sounds of Malotte's "The Lord's Prayer" as a benediction to the ceremony.



Graduating with his MBA, Linton Leach, MPH, poses with one of his fans following the ceremony.

Dr. Kotchian's service and research interests focus on improving public health policy, practice, and infrastructure; developing leadership; enhancing environmental health capacity; and strengthening environmental health practice. Her education interests include identifying the institutional and structural barriers to sound environmental public policy.

Honorees

Eight individuals were honored by Loma Linda University during the institution's 100th commencement services held on May 27 and June 10, 2007.

John W. Mace, MD

Dr. Mace earned the bachelor of arts degree with honors from Columbia Union College in 1960 and was awarded the doctor of medicine degree from Loma Linda University in 1964.

Dr. Mace was a key force behind the establishment of the Loma Linda University Children's Hospital, and he played a major role in initiating the Foundation that has provided much of the needed support for this facility. His tireless efforts on behalf of children extend beyond the borders of this academic community and include his continued support of a summer camp for diabetic children and his role in the creation and support of a team that serves as the sole pediatric agency for abused chil-

dren in the Inland Empire.

In recognition of his long and distinguished service to this academic community, the University named Dr. John W. Mace University Alumnus of the Year at the conferring of degrees for the School of Medicine.

W. Augustus Cheatham, MSW

Mr. Cheatham completed the bachelor of arts degree in 1965 at Columbia Union College in Takoma Park, Maryland. He continued his education at Howard University, Washington, D.C., where he earned the master of social work degree.

In 1985, Mr. Cheatham joined Loma Linda University as vice president for public relations and development. During his 22-year career, which marks the longest vice presidential tenure in this institution's history, he has played a significant role in communicating with and developing unique relationships with the University's broad diversity of internal and external constituencies. He has also helped create greater understanding of and appreciation for this health-sciences community.

In recognition of his contributions, Loma Linda University honored him with the Distinguished University Service Award during the conferring of degrees for the School of Medicine.

Louis Page

Sir Run Run Shaw Hospital (SRRSH) opened its doors on May 2, 1994, in Hangzhou, China. This Western-style, state-of-the-art health care facility—operated in affiliation with Loma Linda University—stands as the culmination of the dream of the philanthropist Sir Run Run Shaw and fulfills in a special way his desire to benefit the people of his beloved native Zhejiang Province. Mr. Page played a key role in this monumental project from inception to completion, and Loma Linda University honors and recognizes his contribution to SRRSH.

Under his leadership, the hospital

expanded from 400 to 800 beds, helping to develop SRRSH into a position of health care leadership in China.

In recognition of his noteworthy professional contributions—including visionary leadership and stewardship—Loma Linda University named Mr. Page the recipient of the Distinguished Service Award during the conferring of degrees for the School of Medicine.

Patrick Chen

After immigrating from Vietnam to the United States with his family in 1965, Patrick Chen completed elementary school, high school, and college in California. In 1979, equipped with the bachelor of science degree he had earned in business education from California State University at Los Angeles, Mr. Chen responded to the entrepreneurial spirit that has run deep in his family for several generations and began his own investment company in Dallas, Texas. Today he is a successful businessman in his own right.

Mr. Chen has contributed meaningful financial support to the Loma Linda Chinese Adventist Church, the Loma Linda Vietnamese Seventh-day Adventist Church, the Los Angeles Chinese Adventist Church, and the Adventist Church in Vietnam.

In recognition of his personal modeling of stewardship excellence, Loma Linda University is pleased to present to Mr. Chen the doctor of humanitarian service degree. This degree was bestowed upon him at the conferring of degrees for the School of Medicine.

Alan Collins

Mr. Collins was born in Beddington, a village in Surrey County, England. A classically trained artist and internationally renowned sculptor and carver, he has made a career out of capturing images in stone.

He dedicated himself to restoring many historical buildings in England, as well as taking on commissions for sculptural pieces for new high-rise centers.

In 1968, Mr. Collins accepted an offer to teach at Atlantic Union College in South Lancaster, Massachusetts, where he and his family remained for three years before he accepted a teaching position at Andrews University in Berrien Springs, Michigan.

Seven years later the family relocated to the warmer climate of Southern California, where Mr. Collins served on the faculty of La Sierra University for 11 years until his retirement from teaching.

During School of Pharmacy conferring of degrees ceremonies, Alan Collins was presented with the University doctor of humane letters degree.

Norman J. Woods, PhD

Dr. Woods is an alumnus of Union College (BA 1945), Central Washington University (MEd 1966), and the University of Oregon (PhD 1969). He began his professional career in the state of Washington as assistant dean of men at Auburn Academy and later as associate dean, then dean of men at Walla Walla College.

Continuing his work in education administration, Dr. Woods moved to California to become dean of students at Loma Linda University in 1966, the beginning of nearly two and a half decades of service to this institution. During his tenure at Loma Linda University he served as assistant dean for admissions and student services, School of Dentistry; associate dean for admissions and student services, School of Medicine; interim dean of the Graduate School; vice president for academic administration; and president of the University from 1984 to 1990.

In addition to providing leadership in a variety of roles at this University, Dr. Woods' most significant contribution, having a lasting and positive impact on this institution, was the recommendation accepted by the Board of Trustees in 1990 to end the 23-year consolidation of the Riverside and Loma Linda campuses—which enabled Loma Linda University to refocus on fulfilling the vision of its founders and to emerge as a health-

sciences university and medical center internationally known for excellence in Christ-centered education and service-oriented medical care, as well as advanced technology.

In recognition of his contributions, Loma Linda University presented the Distinguished University Service Award to Dr. Woods at the conferring of degrees for the School of Dentistry.

In addition, the walkway stretching from Prince Hall to Mortensen Hall was named the Norman J. Woods Walkway in honor of his service to the institution.

Albert C. Koppel, DDS Elizabeth Adams-Koppel, MD

Dr. Albert Koppel was born in New York City in 1918 of German parentage. His maternal roots were in Alsace Lorraine. His Hungarian-born German father immigrated to the United States via Ellis Island in 1910. His parents became members of the Seventh-day Adventist Church before they married.

After graduating from Shenandoah Valley Academy, Albert continued his education at Columbia Union College in Takoma Park, Maryland. One day during chapel he was struck by a talk given by John R. Mitchell, DDS, a Seventh-day Adventist dentist from Atlanta, Georgia, who also served on the faculty of Atlanta Southern Dental College (ASDC). That

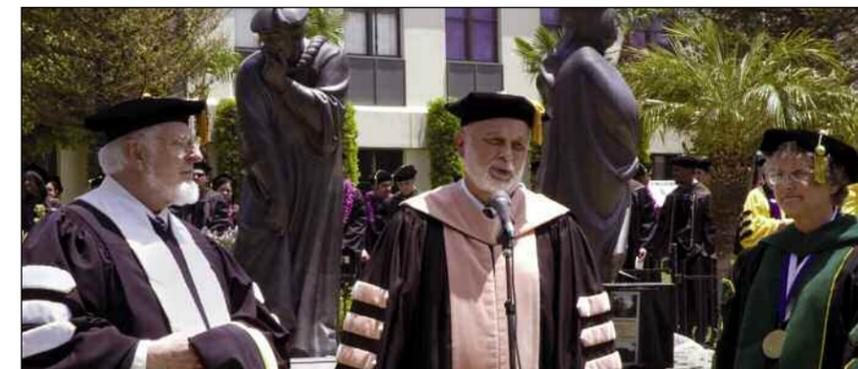
talk planted a seed in Albert's mind and eventually led him to attend ASDC, where he was able to complete his academic program in 1944 without having compromised his convictions as a Seventh-day Adventist Christian.

Completion of the DDS degree was followed by an oral surgery internship at Garfield Memorial Hospital in Washington, D.C., as well as studies in oral surgery at the University of Pennsylvania. From 1951 to 1952, he served as a captain in the U.S. Army Dental Corps in the European Command in Wurzburg, Germany.

Dr. Koppel's practice of dentistry in Washington, D.C., spanned four decades. He was not only the first dentist in the nation's capital to be awarded a fellowship in the Academy of General Dentistry but was also the first in that city to be honored with a mastership in the academy.

Dr. Koppel's career in dentistry was paralleled by the career of his wife (Elizabeth Adams-Koppel, MD) in medicine. After earning her degree, she accepted an internship at Atlanta's Piedmont Hospital and served on the staff of the anesthesia department.

Loma Linda University presented the Distinguished Humanitarian Award to the Drs. Koppel during School of Dentistry services. *SCOPE*



Alan Collins (left), who received University's doctor of humane letters degree during the School of Pharmacy ceremony, listens as Richard Hart, MD, DrPH, University chancellor, says a few words in front of the Good Samaritan sculpture, which Mr. Collins sculpted, while Lyn Behrens, MBBS (right), president of Loma Linda University Adventist Health Sciences Center, looks on.

Leveling the playing field

'Independence in the Park' celebrates the grand opening of The Park at East Campus, a place for individuals of all ages and abilities

BY LARRY KIDDER, MA

Independence in the Park. One might mistake the name for an event related to the American Revolution of the late 1700s. Actually, it does have something to do with a revolution of sorts—one which suggests that disabled individuals should have access to a special place with gardens and playgrounds, with places to play, heal, socialize, or just reflect—to regain one's independence.

On Wednesday, June 27, East Campus Hospital opened The Park at East Campus, a place with space for all those things and more.

Attending the grand opening party were hospital staff, patients, family members, and the community. Already, at its opening, the park was bringing people together, minimizing differences and personal challenges, and encouraging human interaction.

A park without boundaries

Most parks are created for able-bodied individuals. Those who are missing limbs or physically incapacitated in other ways are often spectators on the perimeter of the action. An invisible boundary keeps them from taking part because most parks are not designed with them in mind.

The Park at East Campus is different. It invites those with disabilities to join in the fun and activity. In fact, staff are already using the park as a place for therapy, taking their patients outdoors and into the sunshine.

The Park at East Campus has a number of unique features that are worth talking about. The winding sidewalks

are texturized and sloped to imitate real-life situations for patients who are learning to walk—either for the first time or after a life-changing injury or illness.

Those who are confined to a wheelchair can navigate the entire park. In addition to areas for reflection and socialization, a stage invites special performances and events.

A centerpiece for the garden-like grounds, which are fully accessible to individuals at various points of rehabilitation, is a playground full of equipment similar to other playgrounds except for one important aspect: virtually everything is wheelchair accessible.

The entire play area is designed to entice children into activities that are not only fun but therapeutic, building strength, increasing mobility, and honing a variety of motor skills.

Able-bodied children are able to play side by side with physically challenged children.

Grand opening ceremonies

Wednesday, June 27, dawned as most days in Southern California—sunny and warm.

As lunchtime approached, staff, patients, family members, and the community began to gather. A jazz band played in the background. A large tent protected a dining area featuring picnic cuisine—veggie hot dogs, corn on the cob, veggieburgers, coleslaw, and more.

Other tents shaded staff members and volunteers passing out popcorn and snow cones, as well as face painting and balloon sculpting. Children of all ages, sizes, shapes, and abilities waited eagerly

in line for their turn.

Willie Stewart, coordinator for the PossAbilities program, served as master of ceremonies for the day's events, announcing upcoming events and making introductions.

PossAbilities is a program headquartered at East Campus Hospital which organizes and sponsors a variety of activities designed to coax individuals who are suffering from disabilities brought about by an accident or illness back into the mainstream of society.

Mr. Stewart, a world-class athlete among the able-bodied, lost an arm in a construction accident and knows all about the personal despair that can overtake someone in such a situation.



A balloon hat, snow cone, and arm painting are enough to bring a smile to any child's face.



A special group of volunteers awaits the signal to release balloons, marking the grand opening of The Park at East Campus.

Michael Jackson, MPH, senior vice president, Loma Linda University Adventist Health Sciences Center, and administrator of Loma Linda University Medical Center—East Campus Hospital, led the dedication ceremony, held just after lunch.

Following a few words of welcome by Ruthita Fike, MA, CEO and administrator of Loma Linda University Medical Center, Gerald Winslow, PhD, vice president for spiritual life, LLUAHSC, offered a dedicatory prayer for The Park at East Campus.

Then it was time for Mr. Jackson to give the signal for balloons to be released by a special group of wheelchair-bound individuals, marking the official opening.

A healing environment

The Park at East Campus is one part of a long-term plan to create "a healing environment."

For the past several years, Mr. Jackson and his administrative team have been studying the connections between the health care environment and the recovery of patients, looking at research

studies and opinions on this topic.

As the research process unfolded, they began to formulate a collection of qualities that characterize a healing environment, in comparison to most health care facilities.

Operational considerations

The traditional hospital setting is characterized by inflexible schedules and regulations, dietary restrictions, maze-like corridors where it is easy to become lost, emphasis on the provider's convenience, "one size fits all" philosophy of care, centralized services, and a constant parade of health care providers from many departments.

In the healing environment, patients are empowered with control, options, and choices. They are given the opportunity to make choices regarding their care, diet, and personal "space." Facilities are designed to be intuitive and easy to navigate. Systems are organized around the comfort and convenience of patients. Respect is shown toward patients and family members. Services are decentralized. Caregivers are cross-trained to meet

more of the needs of their patients to reduce the traffic flow through patient rooms. Work is organized by programs rather than by departments.

Architectural considerations

Many health care facilities are based on an institutional grid with a lack of architectural variety. Walls and floors are shiny and sterile, with glaring fluorescent light fixtures, aggressive amounts of wall and corner protection, excessive but ineffective signage, lack of artwork, and anemic "institutional" color palettes.

Nursing units are cluttered and noisy, with carts parked in corridors. Nursing stations are intimidating command posts, providing a natural barrier to communication. Access to the outdoors is restricted. Natural light is limited to lobbies and exterior areas. Deep inside the facility, there is little or no reference to daylight. Long corridors are uniform with patient rooms on the same plane. The environment is numbing to the senses.

Architectural variety characterizes the healing environment, with varied shapes, textures, and scale. Robust colors



Michael Jackson, MPH, senior vice president for LLUAHSC and administrator of East Campus Hospital, welcomes guests to the grand opening of The Park at East Campus.

and hues are employed, as well as noise-reducing carpet, semi-concealed wall protection, indirect lighting, low-sheen paint, and artwork selected for its appropriateness to each patient or family area.

Supplies and equipment are properly stored to minimize clutter. No carts are parked in corridors. Environmental stressors, such as noise, glare, and poor air quality are reduced or eliminated.

Open nurses' stations invite patients and their families to communicate needs and requests. Access to gardens and water elements is provided. Patient areas are naturally lit.

Corridors vary in width, and patient room entries are recessed. The environment appeals to the senses.

Social considerations

Typical to many health care facilities is inadequate provision for families. Space is limited and no place outside the patient room is available.

Families feel isolated from the action, with no sense of community.

The healing environment accommo-



Huan Nguyen, MS, a member of the PossAbilities program staff, watches the dedication ceremony from a spot next to the poster showing the architectural drawing for one of the new buildings, as well as a layout of the new campus.

dates families and their needs with lounges, resource libraries, kitchens, and destinations to draw patients and families outside of their rooms. Family, friends, and volunteers feel a sense of security and involvement.

Clinical considerations

In many health facilities, traditional health care providers tend to the various needs of the patient, collecting specimens, running tests, and providing treatment. Symptoms are the focus. Patients are passive recipients of health care.

The healing environment integrates traditional health care with complementary therapies, utilizing a holistic approach. Patients and their families are involved in the treatment process and are provided with education and options.

Philosophical considerations

Traditional health care views the physician as an authority figure, with the focus on illness and a mechanistic "body parts" approach.

The healing environment asks the physician to serve as a teacher whose focus is patient wellness and education.

A vision for East Campus Hospital

In an earlier presentation of his vision for East Campus Hospital, headquarters for Loma Linda University's Rehabilitation, Orthopaedic, and Neurosciences Institute, Mr. Jackson shared the following ideas:

"Healing is a personal journey for each individual. And healing begins in the brain with the will to live. But how do we reach that sacred place in each person's soul to stimulate the desire to heal ... to become whole?"

"Is there a way to touch the soul of each patient we treat while bringing each the highest level of technology? Instead of the typical hospital setting, can we create a nurturing environment that may, for some patients, stimulate the immune system and for others, reaffirm their spirituality in the face of a devastating illness?"

"Approaching the new Loma Linda University Rehabilitation Institute, we drive through an arcade of trees and we notice a cascade of water that draws our eye to a one-story building nestled at the top of a knoll.

"All along our path, we see an exu-



The playground, pictured above, will provide hours of therapeutic fun for children of all abilities—even those who are confined to wheelchairs.

berance of color from flowers, shrubs, and fruit trees. Even the entry's signage tells us that this is no ordinary place.

"As we approach the building, we see mountains in the background against a beautiful clear sky, and note the lush landscaping, wooden trellises, and arbors connecting the buildings, and the California mission-style embellishments.

"Connection to nature, a cornerstone of Seventh-day Adventist theology, underpins the design of the facility. Research shows that humans have a deep need to be connected to nature and, indeed, even a brief exposure to gardens, flowers, and water elements can have a dramatic physiological effect in reducing stress. ... Fortunately, the East Campus Hospital site offers wonderful opportunities to weave nature into the building in the form of courtyards, and even access directly from patient rooms to protected gardens. It offers a unique setting for rehabilitation to occur in exterior gardens and pathways that change in elevation and texture, offering a variety of experiences designed to support and challenge each patient.

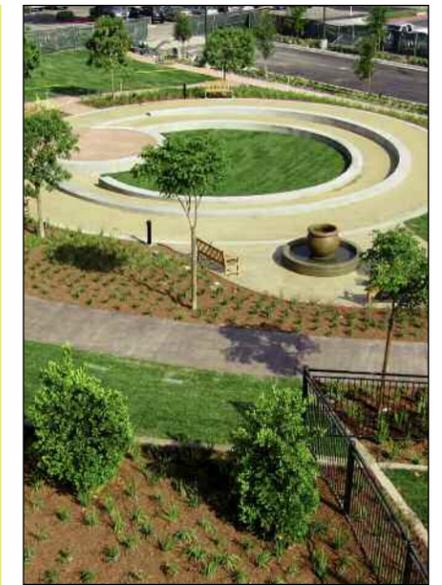
"Restoring harmony and balance to individuals who may never again func-

tion as they once did requires the best therapists, the best clinical care, family support, and education—all delivered in a treatment environment that is designed to be psychologically supportive. The setting in which care is given—the built environment—is one component of the dynamic process of balance.

"Because relieving stress is the ultimate goal of all healing environments, research-informed design should be the goal for Loma Linda. ..."

East Campus Hospital administrators are applying the concepts of the healing environment in an effort to create a facility that promotes healing—where patients are able to receive therapy outdoors in a garden-like setting, where family members and friends are encouraged to stay and be a part of the recovery process, where there are positive artistic and humorous distractions, where patients and their families are given options and choices, and where stressors are minimized or eliminated.

They feel strongly that their efforts fit well within the scope of the mission of Loma Linda, "to participate with Jesus Christ in His ministry 'to make man whole' by bringing health, healing,



The outdoor amphitheater will provide a venue for many future events.



Children try out the various equipment at the new playground in The Park at East Campus.

wholeness, and hope to humanity through education, health care, and research as we serve local, national, and international communities." *SCOPE*

Loma Linda 360°

'Loma Linda 360°' video magazine debuts

Loma Linda University Adventist Health Sciences Center launches a new broadcast to share stories of outreach, adventure, and service for the global community

By PATRICIA THIO

“Loma Linda 360°” is a new broadcast show that takes viewers straight to the action of Loma Linda University and LLU Medical Center. Join Chancellor Richard Hart and the “Loma Linda 360°” correspondents as they guide you through stories of challenge and hope, reflecting the institution’s mission to make man whole.

“Loma Linda is so full of incredible stories that it is time we share them with the world,” says Richard Hart, MD, DrPH, chancellor of LLU. “Our University relations staff have created ‘Loma Linda 360°’ for that very purpose. This news magazine will tell the experiences and activities of our faculty, staff, students, and patients from around the world. Join with us as we celebrate these fascinating individuals who are making

such a difference in the world.”

The show takes viewers from the Loma Linda campus to across the globe. Watch how physicians are providing health care in Malawi, how the Loma Linda security dogs are crime fighters and kid pleasers, how robots now perform surgery, and the list goes on.

The monthly show, which had its premiere in July of 2007, airs on Loma Linda Broadcasting Network (LLBN). A new show will premiere the first Monday of every month and repeat three times that same week:

Monday 4:00 p.m. PST

Tuesday 5:00 a.m. PST

Wednesday 10:00 p.m. PST

Friday 10:00 a.m. PST

It will also air the second Saturday of every month at 2:00 p.m. PST.

To watch the show on your television, visit <www.llbn.tv> to learn how to get a satellite featuring LLBN and other Christian channels. LLBN has satellite coverage on every inhabited continent on the globe, reaching millions of people. Loma Linda residents can simply turn to channel 17 on their television.

To watch the show on the Internet, visit the website of “Loma Linda 360°” at <www.llu.edu/360>. Or, watch it on LLBN’s website during the show’s scheduled air times at <www.llbn.tv>.

A complimentary DVD of the first two monthly shows is included with your copy of *SCOPE* magazine. Contact “Loma Linda 360°” by e-mailing <360@llu.edu> or by calling (909) 558-9732.

For more information, visit <www.llu.edu/360>. *SCOPE*



Patients benefit from robotic surgery

Loma Linda University Medical Center surgeons use robotic surgery equipment to reduce the negative impact of surgery and help patients recover more quickly

BY PRESTON CLARKE SMITH

There is no question that cancer is a scary word. That's no surprise considering the American Cancer Society estimates that 151,000 Californians will be diagnosed with some form of cancer this year alone.

But more and more, cancer is no longer a death sentence. The key to cancer survival remains early detection and treatment, even as advances in cancer treatment continue to be made, offering more options than ever before.

One such option available at Loma Linda University Medical Center is the daVinci Surgical System, a robot that assists surgeons with minimally invasive surgeries to remove cancer—a robot that helps transform lives after cancer invades.

Ronald Conrad was one of the more than 22,000 Californians diagnosed with prostate cancer in 2005. Prostate cancer is a disease in which malignant cells form in the tissues of the prostate.

Located just below the bladder and in front of the rectum, the prostate is a gland in the male reproductive system. Each year in the Inland Empire, approximately 1,800 men are diagnosed with prostate cancer, and roughly 16 percent of American men will be diagnosed with this disease sometime in their life.

Treatment options and prognosis depend on the stage of the cancer (based on the Gleason score) and the patient's age and general health.

With greater public awareness, early detection is on the rise and mortality

rates are declining. Additionally, advances in medical technology are enabling cancer victims to live active and productive lives following treatment.

One of the more common treatments for prostate cancer involves the surgical removal of the prostate gland, known as radical prostatectomy. Traditional radical prostatectomy requires a large, 8- to 10-inch incision.

This open surgery commonly results in substantial blood loss, a lengthy and uncomfortable recovery, and the risk of impotence and/or incontinence.

An area sales manager for Wells Fargo, Mr. Conrad lives in Corona and remembers when he was first told by his doctor he had cancer.

"I asked for a biopsy," recalls Mr. Conrad. "Our family had an experience with our mother, who suffered from an aneurysm, which could have been detected if she had gone to the doctor regularly for check-ups. That reinforced my own philosophy to go to the doctor myself." He adds, "The biopsy returned positive. I had prostate cancer."

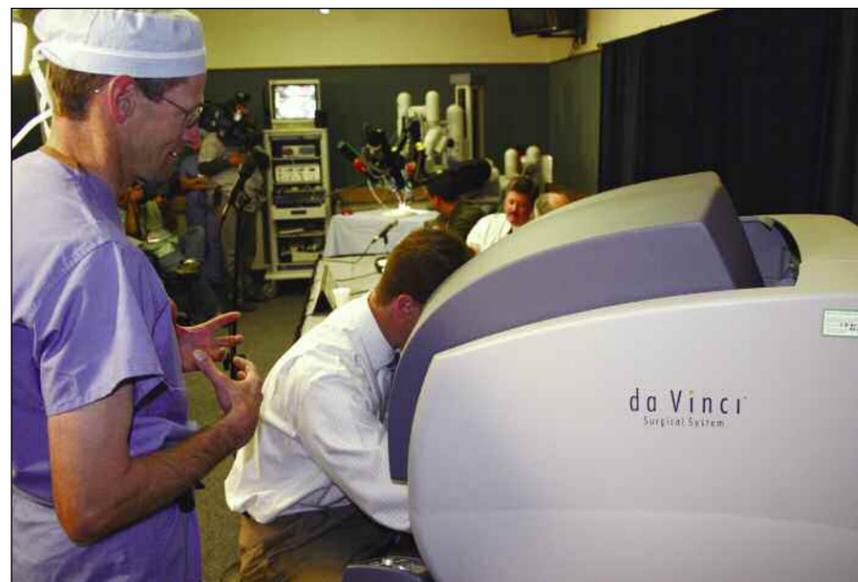
That was April 2005.

"When my doctor told me, I was devastated," he relates. "The very next day I was up and reading on it."

After researching his options, he decided he wanted his prostate removed completely.

"To me, I wanted to get it removed yesterday," comments Mr. Conrad. "If one particle gets out in your system, you're toast."

Originally Mr. Conrad was scheduled to receive open surgery, the "gold standard" for prostatectomy, to remove



During a recent press conference, Herbert Ruckle, MD, chief of LLUMC's urology division, gives an attendee the chance to test drive the daVinci console.

his prostate at a hospital in Orange County, California. Due to red tape and scheduling conflicts, his surgery was postponed or cancelled four times in the span of two months.

Mr. Conrad went back to his doctor and asked for a referral.

"In the beginning of 2005, I read an article in the newspaper on Dr. Herbert Ruckle and the daVinci Surgical System," recounts Mr. Conrad.

In fact, Loma Linda University Medical Center had just held a press conference March 28, 2005, announcing the Inland Empire's first prostate removal surgery using the daVinci Surgical System.

"Recovery is just plain better," says Herbert Ruckle, MD, chief of the urology division at Loma Linda University Medical Center. "I expect a patient back to normal activity in three weeks, with only a one-day stay in the hospital."

"The daVinci surgery is a very good cancer surgery," he points out. "It is equivalent to open radical prostatectomy. It has the same clinical outcomes, while providing better preservation of quality of life for patients."

Says Mr. Conrad, "I've known about Loma Linda for about 40 years." Even so, he had never been to the Medical Center for any medical care. His physician gave him a referral to Dr. Ruckle at Loma Linda.

"If I'd known I had this place as a choice," he remarks, "I would have asked to come here to begin with."

Mr. Conrad met with Dr. Ruckle's office in August 2005. That's when he received much of the information on the daVinci Surgical System.

The actual robot consists of four main parts: an ergonomically designed surgeon's console, a patient-side cart with four interactive robotic arms, a high-performance vision system, and proprietary EndoWrist instruments.

The surgeon's hand movements are scaled, filtered, and smoothly translated into precise movements of the EndoWrist instruments through state-of-



A team of surgeons operates the daVinci system to complete a prostatectomy, working with greater precision and less negative impact on the patient. The result is a shorter recovery, allowing patients to resume their normal lives more quickly.

the-art robotic technology.

The intuitive interface offers surgeons dexterity, precision, and control beyond the capabilities of the human hand. Each of the four robotic arms is equipped with an EndoWrist instrument that offers seven degrees of freedom and 90 degrees of articulation. The console provides surgeons with a three-channel vision system that produces a three-dimensional high-resolution image and a panoramic view of the surgical field.

"Basically, it is a cancer cure with a minimal impact on quality of life," says Dr. Ruckle.

After hearing about the minimally invasive radical prostatectomy, Mr. Conrad knew the robot and Dr. Ruckle were the treatment option for him.

"Why do I want to have a 12-inch incision for open surgery when the robot surgery can be done with four small holes?" he asks. "The recovery is so much faster for the robotic surgery."

So Mr. Conrad scheduled a September surgery with Dr. Ruckle.

"I got in at 5:00 a.m. on a Friday,"

he remembers. "I thought I'd be able to see the robot when they rolled me into the operating room, but I was out by then from the anesthesia. And that's fine by me. The results are what counted."

Here is what Mr. Conrad wouldn't be able to see happening...

In preparation for the surgery, the abdominal cavity is expanded using carbon dioxide gas, creating space for the robotic arms to maneuver within. Four small incisions are made around the stomach. In the first small hole above the navel, a camera is placed. The other three holes are the entry points for the robotic arms.

The same operating room bed is used for all daVinci surgeries to ensure that measurement parameters are consistent from patient to patient. Once the patient is prepped, a surgical technician "drives" the robot side-cart with the four arms into position by pushing and steering it next to the foot of the patient's bed.

Use of the robot does not translate into Dr. Ruckle and the patient being

isolated in an operating room. Dr. Ruckle works with a team to perform the surgery. With the support of the Medical Center's administration, Dr. Ruckle and his team are committed to providing the safest surgical procedure possible, and so daVinci prostatectomies are performed with a team of eight, including a second attending physician at the bedside. The surgical team works just as any other successful team does—with communication.

"This is very much a team effort," says Dr. Ruckle. "The assistants are huge in this procedure."

Every action performed by the robot is directly linked to Dr. Ruckle's movements. The simulated wrist flexibility of the robotic arms translates the surgeons' movements precisely and accurately in tiny, confined spaces within the patient.

Once the arms are placed inside, Dr. Ruckle begins separating the abdominal wall from the bladder by utilizing an arm with a scalpel and an arm with a cauterizing element to burn through the tissue, which minimizes blood loss.

Besides the small size of the incisions in the robotic prostatectomy, one of the reasons for the quick recovery time from the procedure is the small blood loss that occurs. A typical amount of blood lost in the procedure is 140 cubic centimeters, or just over half an 8-ounce can of juice.

The camera, just inches away from the surgical action, gives Dr. Ruckle a full, magnified three-dimensional view.

Dr. Ruckle continues to clean tissue out of the way around the prostate. The closer he comes to the prostate, the less he cauterizes in order to spare nerves, which to the untrained eye look scarily similar to the connective tissue being cut.

The precision of the robotic arms allows surgeons like Dr. Ruckle to preserve functionality for the patient after surgery. He stays in constant communication with the table team before any actions are taken.

Another benefit of the robotic surgery is that the surgeon is able to see

more beneath the prostate, a view not available in open surgery.

The surgeon must strike a balance between staying far enough away from the diseased prostate to prevent cancer cells from being released into the body's system and staying far enough away from the rest of the surrounding, healthy tissue trying to be saved for functionality after surgery.

After two hours of operating the robotic arms, the prostate is completely separated. Dr. Ruckle then sutures the urethra to the bladder neck, filling the gap of where the prostate once was.

The suturing is where the robotic arms truly shine, exactly mimicking the wrist movements of Dr. Ruckle within the space no hand could ever fit. All the operating action takes place inside the patient. Outside, the robot's body stands eerily motionless, like a sentinel standing dutiful guard over its charge.

Once the bladder has been reconnected, the robotic surgery is over after 2 hours and 56 minutes.

The prostate is then bagged and removed through a small incision, the remaining incisions are sutured up, and the surgery is complete.

"They wanted to discharge me on that Saturday," says Mr. Conrad. He asked to stay one more day in the hospital, and instead went home on Sunday.

Mr. Conrad had follow-up physician visits with Dr. Ruckle every three months for the first year, and now comes in every four months.

"I'll tell you, the treatment was awesome," beams Mr. Conrad, who celebrated his 20th wedding anniversary on June 13, 2007. "I don't think about the prostate cancer now, whereas before the surgery I was consumed by thoughts of it. How do I get rid of it? What if a piece of the cancer gets into my system and spreads? Now I don't have to worry about prostate cancer at all."

Not only does Mr. Conrad feel his experience was providential, but he believes his life was transformed, and has a message for his fellow man.

"I believe there was a reason everything transpired, from the original surgery cancellations to the referral to Loma Linda," admits Mr. Conrad. "Everybody here I've met at Loma Linda University Medical Center is so friendly."

He continues, "From their friendly spirit, I've taken the initiative to start talking about prostate cancer to every man 45 and older I meet and tell them to get tested.

"It's a very curable disease if you catch it early enough," says Mr. Conrad. "I tend to believe I'm a lucky patient to have had Dr. Ruckle do my surgery. Naturally I'm touting Loma Linda and Dr. Ruckle, but if you can't get in here, get in somewhere to be tested.

"Prostate cancer is a big killer of men," warns Mr. Conrad. "But it's something that can be treated. I think men feel it's a violation to get checked. Men are supposed to be the macho ones who brush off everything. But if you don't take care of your health, you won't be around to breathe in and out tomorrow, let alone take care of your family.

"You can tell Loma Linda and Dr. Ruckle have a very special place in my life," says Mr. Conrad. "He's given me the possibility of longevity and a message to tell."

Patients opting for surgical treatment may be candidates for the new, less-invasive daVinci prostatectomy. This procedure incorporates a state-of-the-art surgical system that helps the surgeon see vital anatomical structures more clearly and perform a more precise surgical procedure.

For most patients, the daVinci prostatectomy offers numerous benefits over open prostatectomy including a shorter hospital stay, less pain, less risk of infection, reduced blood loss and need for transfusion, less scarring, smaller incisions, faster recovery, and a quicker return to normal activity.

As with any surgical procedure, the benefits cannot be guaranteed, since surgery is both patient and procedure specific. *SCOPE*

Patients benefit from robotic surgery

A bold plan, a bright future

Ruthita Fike, MA, CEO and administrator, shares the long-term vision and goals for Loma Linda University Medical Center

By RUTHITA J. FIKE, MA

Loma Linda University Medical Center has launched a bold new five-year strategic plan. To fund the plan in its entirety will require an investment of about \$1.5 billion.

The result will be a health care center on par with the finest in the nation, ready to meet the needs of our rapidly growing population.

Developed in cooperation with members of the community, patients, and physicians, the plan is based on four key pillars: clinical leadership, service excellence, regional outreach, and world-class resources.

Clinical leadership

In our efforts to strengthen clinical leadership, we are focusing resources in seven areas.

Our board has approved plans to build a new 125,000-square-foot facility



Ruthita J. Fike, MA

A bold plan, a bright future

adjacent to Schuman Pavilion to house our renowned heart program, along with pulmonary and gastrointestinal services.

These acute outpatient services will be adjacent to our inpatient facility for quick transfer if needed. But they will have a separate entrance, be easier to navigate, and will combine services for one-stop care.

With the Inland Empire having one of the highest rates of cardiac disease in the nation, our expansion of service in this area is vital.

Loma Linda University Cancer Institute will also benefit from additional resources. Plans have been approved to renovate two floors of Schuman Pavilion. This will make it possible for us to offer all of our cancer programs in one easily accessible location.

To improve access and coordinate services for women's health, we have recruited a director of women's services. Our goal is for patients to be able to make one phone call and have a whole range of services, such as obstetrics and gynecology, radiology, and cardiac care connected for them. The director will also work with physicians to support growth of our perinatal program.

The transformation of our East Campus Hospital into a state-of-the-art healing facility will continue, with construction of a new rehabilitation pavilion due to open in 2009.

East Campus specializes in rehabilitation, orthopaedic, and neuroscience care in an environment of natural beauty. A park and the area's first playground designed for the needs of children with disabilities have been added to the

campus, increasing access to nature for patients and families.

Our transplant program, which pioneered infant heart transplants, continues to grow. In fact, we do virtually every transplant that is possible today. We have now added both an adult and a pediatric stem cell program as part of our commitment to cutting-edge research.

Loma Linda University Behavioral Medicine Center, another focus of the strategic plan, is one of the few facilities of its type providing mental health services for this community.

Inpatient services available there benefit adults as well as children as young as 3 years of age who have suffered abuse or who exhibit severe behavioral dysfunction. Outpatient programs help meet needs in areas such as eating disorders, chemical dependency, and mental health.

To be honest, mental health care is not a profitable service for us. We continue to provide it because we believe it is vital for the community and important in the training of young physicians.

Plans to grow our pediatrics program are indeed breathtaking. With the addition of 12 beds in the summer of 2006, our neonatal intensive care unit is one of the largest in the nation. Loma Linda University Children's Hospital is the tertiary care provider for one-quarter of the area of the state of California.

Our team clinics provide multidisciplinary care for children that no other hospital in our region of Southern California is able to offer. With our rapidly expanding population, we must have pediatric facilities to match the need.

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Loma Linda University Medical Center has become one of the region's premier health care providers, as well as the flagship health care institution for the Seventh-day Adventist Church.

Our board of trustees is determining whether to expand by building a new Children's Hospital tower or, preferably, constructing a freestanding new facility.

Service excellence

Our commitment to service excellence means we will provide friendly, sensitive care that is easy to under-

stand and easy to use.

One of the strengths of Loma Linda is the quality of our care providers. We have absolutely remarkable physicians in a huge range of subspecialties, supported by nurses, therapists, radiologists, and other staff.

I'm amazed at how many people are able to articulate the mission, who really

understand what it means to extend the healing ministry of Jesus Christ in remarkable ways.

I hear stories from patients all the time about how staff extended themselves in ways you would not anticipate, doing incredibly sensitive things.

We are moving into an era of transparency in health care quality outcomes. As part of our effort to continually improve our care, we appointed in 2005 a physician as vice president for quality—an appropriate step for an academic medical center.

We are beginning to post quality outcomes on the Internet. Already dozens of Six Sigma improvement projects are underway or have been completed to make life better for our patients. This, too, is an important part of service excellence.

Regional outreach

With unprecedented growth in the Inland Empire, we recognize the need to have a broader presence, and we are responding to many requests from surrounding areas.

We have identified a site where we intend to create an outpatient center, in partnership with another health care provider. No doubt this is a model that will be replicated as the area's population continues to explode.

We also aim to serve a wider community through telehealth. Nationally, there is a shortage of intensivists—those physicians whose specialty is patients in intensive care.

Using the latest technology, we're pilot-testing a program in which intensivists monitor intensive care patients electronically and interact with patients and caregivers by video screen. This could allow intensivists to serve hospitals that are unable to afford to hire these highly trained specialists or to attract them to their facilities, especially in rural communities.

We now have a mobile telemedicine vehicle for emergencies and trauma. We will be testing its use in remote disasters,

connecting first responders to specialists in Loma Linda.

Electronic medicine is in its infancy, and issues of reimbursement and of malpractice must still be worked out. But with the acute shortage of physicians today, especially in rural areas, it's crucial that we find ways to make expertise available in cost-effective ways.

World-class resources

All around the world you will find Loma Linda graduates, from the far reaches of Tchad to the huge cities of China. We're proud of our world impact.

But the fact is that we are a major provider of physicians for Southern California as well. When we visit hospitals in this area, their leaders frequently tell us, "A third of our staff are Loma Linda-trained."

As an academic medical center, we have a responsibility to provide not only leading edge, but also cutting edge resources. It is vital that we invest in our facilities to ensure that we offer the best for our patients and for the students who learn the art and science of medicine here.

We have purchased the daVinci Surgical System, which made possible the first robot-assisted surgery in the Inland Empire in March 2005.

The system offers surgeons dexterity, precision, and control beyond the capabilities of the human hand.

Development of additional treatment protocols for the use of proton therapy also continues.

Proton therapy, pioneered at Loma Linda, is only available at a handful of facilities across the country. Early access to advances in medicine such as these are an advantage of care at an academic medical center like Loma Linda and important to the training of physicians who will care for us tomorrow, here in the Inland Empire and around the world.

Our ability to provide world-class resources is a key reason why philanthropic support is so important. Right now we are running one of the most effi-

cient academic medical centers in the country. We're in the top five percent.

But even with that admirable record of efficient operation, there is not sufficient income to fund the \$1.5 billion plan for growth that this community needs. It can only happen as the current generation of philanthropists follows the example of their parents and grandparents—people who had the vision to plant a major academic medical center in the midst of orange groves—and builds the future for themselves, their children, and their grandchildren.

Good to great

There is no question that we are a good organization. We want to be a great one. Our strategic plan is designed to get us there, and I believe we're already on the way. But ultimately, what sets us apart is our people.

I think people who go into health care are generally people with compassionate hearts, so in no way would I suggest that Loma Linda is the only institution offering compassionate health care.

But I do think that the emphasis on whole-person care here is unique. Our

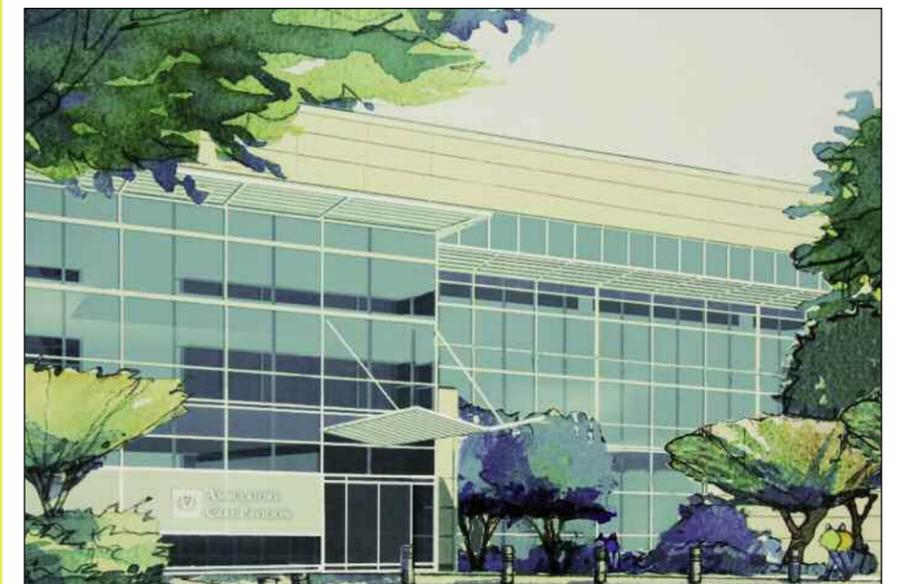
people are thoughtful about patients' emotional and spiritual journeys as well as their physical health.

Patients tell us that their lives are changed here as they connect to something that impacts them at a spiritual level. I personally have never worked in a place where there were so many people who aspire to be good human beings, who want to make a difference in the world, and who come to work every day with that in their hearts.

Late one night I encountered one of these people. She's an elderly woman who volunteers here. It was about 11:00 p.m., and I was walking out the pediatric hall toward the parking lot when I heard her. She was pulling one of the Children's Hospital wagons and singing "Amazing Grace" in a beautiful soprano voice.

There was no one else, just the two of us in the hall, and I thought, "This is what Loma Linda is all about—people here at crazy hours who have amazing grace in their hearts."

My hope is that you, too, will experience "amazing grace" as we continue to partner together in the days and years ahead. *SCOPE*



The new Ambulatory Pavilion/Outpatient Facility, which will be built east of Schuman Pavilion, is scheduled to open in April of 2009.

The Centennial Complex project moves forward

The vision of a facility at the technological forefront of professional education begins to take tangible shape and form

BY LARRY KIDDER, MA

The ground was recently shaking on the Loma Linda campus. No, there weren't any major earthquakes. Instead, giant earthmovers were rearranging the landscape on the north end of the campus.

The foundation has been laid. Massive steel beams are now being erected that will provide the skeleton for the new Centennial Complex facility.

A vision is beginning to take tangible shape and form.

The Centennial Complex project, as Loma Linda University's latest expansion initiative has become known, is progressing in a major part because of the generosity of many individuals and

organizations. Its success will be a lasting testimony to their support.

Three important aspects of the project

The Centennial Complex project will enhance the Loma Linda campus in numerous ways. From its high-tech classrooms and amphitheaters, where students will be able to follow the lecture on the overhead screen with their laptop computers through wireless connections, to its resource centers where students can instantly access the latest research and commentaries on a variety of health and scientific topics, the Complex will forever change the educational experience of Loma Linda students from all of

the health science disciplines.

However, three aspects of the complex project are especially worth highlighting.

The Centennial Pathway

Central to the north campus mall will be the Centennial Pathway, to be completed by early 2009. The pathway will connect Magan Hall and the new Centennial Complex. Granite pavers—each representing a day of Loma Linda University's first century—will create the pathway. Those who wish to support the project through a donation may have a granite paver engraved with their names, or to honor or remember a loved one.



Steel beams—the skeleton of the new Centennial Complex structure—give hint of the presence the new building will have.

The pathway portion of the project has been delayed from its original date of completion, due to the unexpected need to replace utility tunnels and water lines running beneath the north campus mall.

Surrounded by some of the more historic buildings on campus, the north campus mall is the location of the original Loma Linda Hospital, while the Sanitarium was situated on the hill.

A focal point of the Centennial Pathway will be a plaza dominated by the "mission globe," symbolizing Loma Linda's century-old commitment to worldwide service in health, healing, and education.

The Centennial Complex

With 150,000 square feet of space for classroom instruction, laboratories, and resource areas, the Centennial Complex will take its place as the largest educational facility on the Loma Linda University campus.

The Centennial Complex will serve all eight Schools of the University, utilizing the latest in technology to enhance the learning experiences of a growing student population.

At the current rate of growth, an estimated 5,000 students will attend Loma Linda University within a few years. The Centennial Complex will help to ease the crowded classrooms of the University's



The Medical Simulation Center, which is currently located in Risley Hall, will move to the fourth floor of the east tower of the new Centennial Complex. The center will provide practical training experiences for students to prepare them for real-life situations where lives may be in their hands.

existing educational facilities.

Supporting beams for the new Centennial Complex are being assembled, giving a hint of the visual impact the building will have. Plans are to open the complex in time for fall quarter of 2009.

Medical Simulation Center

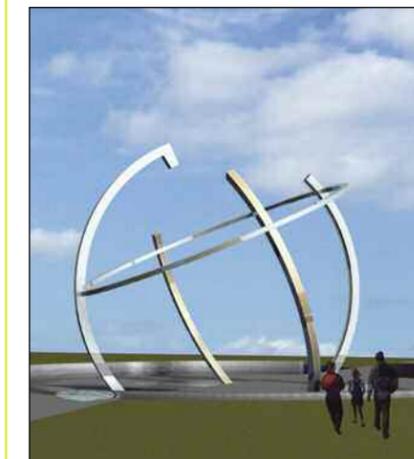
Currently located in Risley Hall, one of the historic buildings flanking the north campus mall, the Medical Simulation Center will move to the Centennial Complex and will be located on the

fourth floor of the east tower.

This center provides tomorrow's health care professionals with a wealth of hands-on experiences that are as close to real life as possible. Mannequins, controlled by computers, are programmed to react similarly to various health interventions as real human beings, with a full array of results and complications to test students' abilities to react appropriately. Students have the opportunity to familiarize themselves with lifesaving equipment and techniques. *SCOPE*



The Centennial Complex will enhance the north campus, providing a center for academic learning that will incorporate the latest learning technologies.



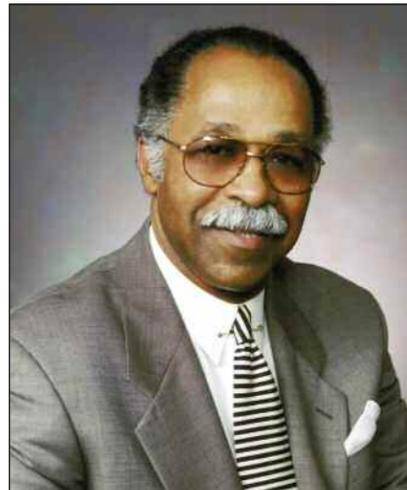
The "mission globe" will be the focus of the Centennial Pathway, representing Loma Linda's global efforts.

Longtime public affairs vice president retires

On April 16, 2007, W. Augustus Cheatham, MSW, announced his intention to step down from his LLUAHSC positions as vice president for public affairs, University vice chancellor for public affairs, and Medical Center vice president for public affairs and marketing, effective July 8, 2007. Loma Linda University honored him with the Distinguished University Service Award during the conferring of degrees for the School of Medicine.

Mr. Cheatham completed the bachelor of arts degree in 1965 at Columbia Union College in Takoma Park, Maryland. He continued his education at Howard University, Washington, D.C., where he earned the master of social work degree.

In 1966, Mr. Cheatham was appointed coordinator of community services for the Prince George's County public schools of Maryland. Four years later, he began 16 years of government service, which included appointments as chief of western operations in the Department of Health, Education, and Welfare; deputy assistant secretary in the Department of Education; and deputy director in the office of civil rights—the position for which he was recommended by Secretary of Health, Education, and Welfare Joseph Califano and approved by President Jimmy Carter. Having the oath of office administered by associate Supreme Court Justice Thurgood Mar-



W. Augustus Cheatham, MSW

shall was one of Mr. Cheatham's most memorable experiences.

Transitioning in 1982 from work in the government sector to the church arena, Mr. Cheatham accepted an appointment as principal of Pine Forge Academy in Pine Forge, Pennsylvania. Under his leadership, within three years the academy experienced a 170 percent increase in enrollment and a 600 percent increase in development activities. Major renovations and the construction of three new buildings—a gymnasium, an academy church, and an industrial arts building—were completed. Also the academy choir became an award-winning, nationally renowned choral organization.

In 1985, Mr. Cheatham joined

Loma Linda University as vice president for public relations and development. During his 22-year career, which marks the longest vice presidential tenure in this institution's history, he has played a significant role in communicating to and developing unique relationships with the University's broad diversity of internal and external constituencies. He has also helped create greater understanding of and appreciation for this health-sciences community.

His professional legacy includes an institutional brand identity that applies to all forms of University communication—print and electronic; and a notable model of University special-events planning and execution, as exemplified in the 2006 University centennial celebration.

Mr. Cheatham has been the recipient of a variety of honors, including the Flashes of Brilliance Award from the Academy of Health Services Marketing, the Distinguished Achievement Award from the Educational Press Association of America, and the Gold Medal Award for alumni publications from the Council for Advancement and Support of Education; and he was named Pine Forge Academy and Columbia Union College Alumnus of the Year.

Mr. Cheatham is married to Ida Anderson Cheatham. They have three adult children—William Lee III, Marta, and Nicole—and seven grandchildren.



The Kids Triathlon gets off to a fast and furious start as the 9- and 10-year-olds race away from the starting line.

5th annual PossAbilities triathlon draws 2,000

On Sunday morning, April 29, 851 athletes gathered to take part in the 5th annual PossAbilities Triathlon at the Loma Linda University Drayson Center. This group consisted of elite, world-class athletes, wheelchair athletes, weekend warriors, and youngsters on big wheels.

Open to the public, the event drew more than 2,000 people between athletes, spectators, and children participating in the Kids Triathlon. This is the fifth year the PossAbilities program at Loma Linda University Medical Center has held a triathlon. The event draws attention to the potential in each individual, including those with disabilities.

Willie Stewart, PossAbilities coordinator and an Ironman athlete himself, says that this event is for everyone.

"There's something everyone can do. The purpose is to get people active and to bring the community together through sport," says Mr. Stewart. "It's a

fast and furious sprint triathlon," he adds.

A total of \$5,500 in prize money was shared among the top male and female finishers for the various events.

Scout Bassett, a challenged athlete with an above-the-knee amputation, lost her leg in a liquid fire when she was an infant. But that didn't stop her from finishing first in the female challenged athlete division.

"This is the first time I've done this triathlon, and it's a great, great triathlon," says Ms. Bassett.

This year continued the tradition of the team division, introduced for the first time in the 2006 race. Four Southern California triathlon clubs participated, including Team PossAbilities, which Mr. Stewart describes as "a cycling, running, jogging, walking club for everyone, with or without disabilities, to get them going in life."

"I'm doing the 5K race, my partner

is going to do the bike, and then we'll tag and I'll do the swim," said challenged athlete Daniel Palacios as he prepared for the race to begin. Mr. Palacios has been a member of PossAbilities for three years.

In addition to post-race exhibits, bounces for the kids, and popcorn, each participant received a goody bag with an event T-shirt and a medal.

Sponsored by San Manuel Band of Mission Indians, the triathlon is a celebration of life, skill, and physical ability.

"PossAbilities integrates people in life after traumatic injury or born with a disability," says Mr. Stewart. "It lets everyone know that we're as strong as our community. PossAbilities represents the whole-person care: physical, social, intellectual, psychological, and spiritual. When one piece is broken, the whole person is broken. PossAbilities helps address the needs of the whole person."

First BS nursing students graduate from Japan program

Nine nurses from Saniku Gakuin College (SGC), Chiba prefecture, Japan, visited Loma Linda University School of Nursing in February to complete their bachelor's degree program in nursing.

Five of the nurses completed all requirements for their BS in nursing and graduated this June. The last four nurses will be finishing up required general education courses and graduating in June 2008.

"When finished, three students will be working at Tokyo Adventist Hospital, two at Kobe Adventist Hospital, and two will be working as clinical instructors for Saniku Gakuin College," says Jan Nick, PhD, RNC, associate professor of nursing, LLUSN.

The students were accompanied by their program coordinator, Reiko Konno, MS, RN. Dr. Nick serves as the program coordinator for LLU.

Saniku Gakuin College currently offers an associate's degree in nursing as well as other programs. It is the only Adventist college in Japan, and more than two-thirds of the student body are nursing students.

Due to changing health care needs, and support from the Japan Nurse's Association, SGC decided to upgrade its nursing program from associate's to bachelor's degree.

"That is why they began conversations with LLUSN several years ago, asking if we would offer our RN to BS program over in Japan, until such time as they could offer the BS in nursing degree," says Dr. Nick.

In 2003 and 2004, SGC president Yoshihumi Takahashi began discussions with LLUSN. With support from the LLU nursing faculty, the two schools signed a contract in October 2004.

In April 2006, faculty teaching



Graduates of LLUSN's RN to BS program in Japan pose for a picture in front of LLUMC with Jan Nick, PhD, RNC (right), associate professor of nursing, LLUSN, coordinator of the program.

senior level nursing courses began offering a two to three week intensive course at SGC.

The SGC faculty worked closely with LLU faculty to interpret verbal instruction, grade written assignments, and translate teaching materials. For courses having a clinical component, students would then complete clinical assignments once the LLU faculty left. This rotation was repeated approximately every two months.

In February, the students arrived at LLU to take their last two classes.

Saniku Gakuin College plans to submit the proposal and application for the BS degree to the Japanese Ministry of Education by this spring.

Included in the proposal are plans for hiring additional faculty to teach the senior level courses, finding additional clinical sites, and constructing additional buildings at the main campus in Chiba, as well as at Tokyo Adventist Hospital.

Notification of approval should come by this December, and April 2008 would be the first class of students admitted to the BS degree offered by SGC.

School of Pharmacy takes part in \$3.7 million Amgen Foundation grant

The School of Pharmacy at Loma Linda University recently received the first installment of a portion of a \$3.7 million grant made by Amgen Foundation to the University of California at San Francisco (UCSF).

Funds coming to Loma Linda University will total \$125,000 and will be dispersed over three years.

School of Pharmacy faculty and students will take part in a program titled "Partners in D," developed by UCSF faculty and students.

The program is designed to help senior citizens become familiar with—and fully benefit from—Medicare Part D, the U.S. government's first comprehensive prescription drug benefit program for seniors. Six other California schools of pharmacy are taking part as well.

Leading out in LLU's program is Rashid Mosavin, PhD, MBA, associate professor of pharmacotherapy and outcomes science.

Assisting Dr. Mosavin with the project are Nathan Painter, PharmD, assistant professor of pharmacotherapy and outcomes science, and Joycelyn Mallari, PharmD, assistant professor of pharmacotherapy and outcomes science.

The "Partners in D" program is focused on educating and involving phar-



From left, Drs. Mosavin, Painter, and Mallari will spearhead efforts at LLU to develop an educational program for teaching non-native English speaking and financially disadvantaged senior citizens about Medicare Part D.

macy students to assist underserved senior citizens through educational meetings conducted in pharmacy and community settings.

These seniors are typically non-native speakers of English, and/or are of lower income.

In addition, the grant requires that the School of Pharmacy create an elective course to familiarize pharmacy students with Medicare Part D.

Once the pharmacy students com-

plete their training, they will in turn educate medical, dental, and nursing students in Medicare Part D so that these other future health care providers will be able to educate the senior patients they see.

Drs. Mosavin, Painter, and Mallari will primarily work with the medically underserved populations served by SAC Health System, headquartered in San Bernardino and operated by Loma Linda University.

LLUMC critical care team named best team in 2007

Loma Linda University Medical Center's critical care specialty team and intracampus transport was named the 2007 best nursing team in the Southern California area.

Pictured on the cover of the April 30, 2007, issue of *Advance for Nurses*, the team was noted by the editor of the publication as "not just a team that personifies what it means to be a cohesive, progressive, forward-thinking group providing outstanding patient-centered care. It's also a team that's challenging the very definition of continuity of care and re-setting the bar on patient safety."

Loma Linda's team has 29 registered nurses, two emergency medical technicians, and one physician. The cardinal rule of the team is "know what you don't know."

Team leader Donna Kotlar, RN, noted that "as a team, we've become so instinctual that we've learned to use whatever is at our disposal to get the job done."

The Loma Linda University critical care specialty team and intracampus transport is featured in the April 30, 2007, issue of *Advance for Nurses*.



Healthy People conference workshop spreads knowledge of GIS

The annual Healthy People conference is a long-standing School of Public Health tradition. Now, there is a new tradition accompanying Healthy People. This marks the second year that a GIS (geographic information systems) workshop has been offered in conjunction with the Healthy People conference.

The two-day workshop convened March 4, with 20 people in attendance—mostly public health executives and senior managers who deal with public health emergency preparedness and response.

GIS technology has many valuable applications to the health care and public health fields, such as epidemiology and emergency preparedness and response. However, it is not used as widely as it could be due to several factors such as privacy issues with health-related data, perceived disconnection between informatics and public health practice, cost associated with implementing and maintaining GIS in health organizations, and an inadequate health workforce training,



ESRI's Chris LeSueur demonstrates a TouchTable to workshop guests. The tabletop is an interactive, computerized map controlled by touch.

"I anticipate that there will be greater implementation of GIS applications and programs in public health practice as a result of the workshop," says workshop organizer Seth Wiafe, MPH, academic director of health geographics

programs in the School of Public Health.

Because the theme of Healthy People 2007 was pandemic disease prevention and preparedness, the workshop focused on the ways geotechnologies can boost public health emergency preparedness and response.

About half of the workshop's participants were international guests from countries in Europe and Asia.

In Japan, GIS technology is not used in the health care industry, according to Tamie Sugawara, PhD. She believes policy makers need to learn about this useful tool.

Two months ago in Japan, Dr. Sugawara studied GIS through Environmental Systems Research Institute (ESRI), which is a GIS and mapping software company that often works closely with LLU.

"The GIS workshop is a prime example of our School's workforce capacity building efforts," say David Dyjack, DrPH, dean of SPH.

"In this case, we provided training in surveillance, ultimately leading to health agencies that are better equipped to predict and monitor emerging diseases such as West Nile virus and influenza."



7-year-old donates treasured toys to help other kids

Cameron Evans, 7, is surrounded by his Beanie Baby™ collection just prior to donating all seven bags of them to the LLU office of international affairs to be distributed to less fortunate children in other countries. Cameron says he wants to bring happiness to other children. He was inspired to help when he and his mother, Kelsie Evans, saw television coverage of poverty in other countries.

Surgery Center named Koppel Special Care Dentistry Center

On May 25, 2007, the School of Dentistry held an event to commemorate the renaming of the Surgery Center as the Koppel Special Care Dentistry Center.

This was done in honor of the generous philanthropic support Drs. Albert and Elizabeth Koppel have provided to the School.

Participating in the ceremony were B. Lyn Behrens, MBBS, president, LLU; Richard Hart, MD, DrPH, chancellor; Charles J. Goodacre, DDS, MSD, dean; and John Leyman, DDS, director, postdoctoral program in dental anesthesiology.

After remarks by Drs. Behrens, Hart, and Leyman, Dr. Goodacre thanked Dr. Koppel for the generous gift. Then Dr. Albert Koppel spoke to



Participating in the event honoring Dr. Koppel are (from left): Dr. Hart, Dr. Koppel; Dr. Goodacre; and Dr. Behrens. The event was held May 25, 2007.

the group, outlining lessons learned about being a careful steward and donor.

The speeches were followed by a tour of the facility, and Dr. Koppel signed copies of his book, *Truth Decay*, the story of his life including his journey to dentistry, and his experi-

ences as a donor.

Dr. Koppel was also honored during the commencement ceremony for the School of Dentistry. He was given a commemorative copy of the Good Samaritan Sculpture, one of the highest honors given by LLU.

Professors from Zhejiang University observe LLU School of Medicine

Two professors from Zhejiang University School of Medicine in Hangzhou, People's Republic of China, recently completed an observation term at LLU. The professors were Pan "Jared" Jianping, PhD, associate professor of immunology at Zhejiang University, and Zhang "Mary" Ling, PhD, lecturer at Zhejiang University's Institute of Cell Biology.

Both professors were interested in learning about LLU School of Medicine's administrative board and its responsibilities, the syllabus, prerequisites, teaching objectives, contents, instructional methods, assessment methods, textbook and reference books, and teaching facilities.

Both visiting professors took back new teaching methods they saw being used. They found humor interjected into lectures an effective communication between teacher and students.



From left, Penny Duerksen-Hughes, PhD, associate professor of biochemistry and microbiology at LLU; Pan "Jared" Jianping, PhD, associate professor in immunology at Zhejiang University; Zhang "Mary" Ling, PhD, a lecturer at Zhejiang University's Institute of Cell Biology; and Resa Chase, MD, assistant to the associate dean for education at LLUSM, celebrate the learning process shared between the two universities.

SRRSH becomes first China hospital to be JCI accredited

Sir Run Run Shaw Hospital has become one of the first hospitals in mainland China to be awarded the Joint Commission International (JCI) certificate for quality health care.

Established in 1997 by Joint Commission Resources Inc., the JCI aims to improve the safety and quality of health care around the world. It has worked with international health care organizations, public health agencies, health ministries, and other associated bodies in more than 80 countries.

A special ceremony was held at Sir Run Run Shaw Hospital on Thursday, May 17, 2007, in Zhejiang People's Great Hall in Hangzhou, the People's Republic of China. The event was attended by more than 300 governors, international and domestic hospital administrators,



Jan Zumwalt, MS, MBA, RN, presents a plaque from Loma Linda University Medical Center to Sir Run Run Shaw Hospital president He Chao, MD, commemorating the Joint Commission International accreditation.

clients, and media.

Participating in the ceremony from LLUMC was Jan Zumwalt, MS, MBA, RN, executive director of nursing and liaison with Sir Run Run Shaw Hospital.

Also joining Ms. Zumwalt at the cer-

emonies were Carolyn Thompson, RN, an alumna of the School of Nursing, and Patricia Jones, PhD, RN, professor of nursing in the School of Nursing.

Prior to the official event in Hangzhou, LLUMC CEO and administrator Ruthita Fike, MA, hosted an event in Loma Linda commemorating the milestone event for Sir Run Run Shaw Hospital, attended by many representatives from China.

Since its inauguration more than 10 years ago, the hospital has developed rapidly and has earned a high reputation throughout China for its advanced management and high standards of medical technology, as well as its whole-hearted sincerity, positive spirit, and love for the patients.

He Chao, MD, Sir Run Run Shaw Hospital's president, said the award was evidence of the high-quality health care the hospital provides and that it would aid future development.

Loma Linda University Medical Center and the Adventist Church have long been involved in the development and administration of Sir Run Run Shaw Hospital.

The hospital has in excess of 800 beds and is considered the most advanced hospital in all of China.



SAHP dean and his wife travel to Czech Republic and Slovakia to speak on social issues

Craig Jackson, JD, MSW, dean of the LLU School of Allied Health Professions, recently traveled throughout the Czech Republic and Slovakia with his wife, Victoria Jackson, MSW, assistant professor of social work and social ecology, LLU School of Science and Technology. The Jacksons spoke on a number of relevant social issues at a number of health clubs operated by the Adventist Church in the two countries. In the photo above, the Jacksons address a health club audience.

Walter's Children's Charity Classic raises \$240,000 for LLU Children's Hospital

On Thursday, March 22, Walter's Children's Charity Classic presented a check for \$240,000 to LLU Children's Hospital representatives.

Throughout the past 11 years, the Walter's Children's Charity Classic (WCCC) has successfully raised more than \$1.9 million for LLU Children's Hospital. This year alone, WCCC raised \$240,000 at its 11th year celebration on October 16, 2006, at Victoria Country Club in Riverside. Guests enjoyed a fun day of golf and a Monte Carlo night during the evening.

This year's proceeds will go to the Child Protection Center/Child Abuse Prevention Program at Loma Linda University Children's Hospital. The Child Protection Center/Child Abuse Prevention Program is a hospital-based program that is shaped by the real-life tragedies



Steve and Cathy Kienle (fifth and sixth from left) present a check representing the proceeds from the Walter's Children's Charity Classic golf tournament. Present at the occasion of the check presentation on March 22, 2007, were Kelly Jackson, Melissa King, Joanna DeLeon, Tiffany Hoekstra, Steve and Cathy Kienle, Clare Sheridan-Matney, MD, Rachel Gosnell, Patti Pettis, and Zareh Sarrafian, MBA.

that clinicians encounter. The program has also been significantly inspired and influenced by successful prevention programs operating in other states, which have seen a 50 percent decrease in abusive head trauma.

While the current program focuses primarily on infant abusive head trauma, the goal is to reduce the incidence of all types of child abuse, first in the Inland Empire, and eventually

spreading to other regions throughout Southern California as well. Several states in the nation have legislated that similar programs are mandated, but California has of yet no organized primary prevention effort.

With the support of Walter's Children's Charity Classic, it is hoped to bridge this gap and inspire and empower others to join. This effort would initially involve other hospitals but will eventu-

Loma Linda University commencements broadcast live on LLBN



Patricia Thio, office of University relations, interviews School of Nursing graduate Alisha Houser following the School's commencement ceremony.

For the first time in Loma Linda University's history, graduation services were broadcast live for the 2007 commencement.

Loma Linda Broadcasting Network graciously suspended their regularly scheduled programs for Sunday, June 10, and broadcast all five graduations live.

Viewers could watch the graduations in one of three ways: through LLBN's cable station, via satellite, and streaming over the Internet at <www.llbn.tv>.

Following each of the commencement ceremonies, graduates, faculty, and staff were interviewed live by the office of University relations.

SAC Health System program receives \$300,000 grant

First 5 San Bernardino, established through the California Children and Families Act 1998 (Proposition 10), recently announced that it will fund a three-year program at the Social Action Community Health System (SACHS) headquarters, SACHS-Norton clinic, titled “Good 2 Grow: Total Toddler Check-Up.”

The program, which targets families with young children in the Inland Empire area who might not otherwise seek basic non-emergency medical services for their children, follows a four-step process, which begins with a physical exam, immunizations, vision and hearing checks, a visit with a SACHS family health consultant, “passport” stamp, and a gift. The Good 2 Grow (G2G) passports are given to each child who comes through the program, and a page is stamped each time a step is completed.

Step 2 includes a review of meals, education on nutrition and diet, another passport stamp, and a bus pass or gas gift card. Step 3 begins with a visit by a SACHS family health consultant, provision of a list of resources available to San Bernardino County residents, an appointment for a free cooking class and home visit, a G2G passport stamp, and another gift. Step 4 involves a dental/oral screening, development of a treatment plan, a G2G passport stamp, and a Stater Bros. gift card.

“We want to help children start out well,” explains Nancy Young, SACHS executive director, “and the G2G program will help establish a baseline of health for them.”

Says Richard H. Hart, MD, DrPH, chancellor of LLU and president of SACHS, “We established SACHS as a way to reach out to and serve local communities within a short drive of our campus who are suffering from a lack of health care services.” He continues, “The Good 2 Grow program provides an excellent opportunity to further our mission and impact the lives of children in



Posing for a picture at SACHS-Norton are (from left) Mary Jaquish, First 5 San Bernardino engagement specialist; Cynthia Rollins, fund development manager, SACHS; Nancy Young, SACHS executive director; and Richard H. Hart, MD, DrPH, chancellor of LLU and president of SACHS.

our county as they grow and develop.”

“The goal of the First 5 initiative,” elaborates Mary Jaquish, First 5 San Bernardino community engagement specialist, “is to impact the health of children ages 0 to 5 in relation to their physical and mental development.” First 5 San Bernardino, which serves San Bernardino County, receives funding based on the current annual birthrate of approximately 28,000 births, totaling about \$25 million.

These funds are used to engage community-focused agencies in a partnership to serve young children and their families.

SACHS, headquartered in the SACHS-Norton clinic in San Bernardino, was established by Loma Linda University to reach the medically underserved and uninsured in the area—the “working poor” who cannot afford private health insurance or who do not receive employer-provided health care benefits.

Newsletter from chancellor now available

A special electronic communication from Richard Hart, MD, DrPH, chancellor of Loma Linda University, is now available for anyone that would like to receive it. The e-mail newsletter, titled “Notes from the chancellor” is sent on a quarterly basis and features news and special updates from Dr. Hart as he travels around the world.

The most recent issue covers graduation, the new Woods Walkway, and the Centennial Pathway.

If you or someone you know would like to receive “Notes from the chancellor,” send an e-mail to <chancellor@llu.edu> with “subscribe” in the subject line.



LLU & LLUMC personnel provide training at Nigerian nurse conference

Two faculty members from Loma Linda University and one employee from LLUMC were on hand to present lectures at the Adventist Health International Adventist Nurses Conference, held February 12 through 15 at Ile-Ife, Nigeria.

The conference, titled “Compassionate Nursing—Quality Care,” was held on the campus of Ile-Ife Seventh-day Adventist Hospital.

Nelia A. Caan, MLS, associate professor, School of Nursing, and chair, department of technical services, LLU; Dorothy E. Forde, MSNc, RNC, clinical educator, neonatal ICU, LLU Children’s Hospital; and Lorna Kendrick, PhD, RN, associate professor, Loma Linda University School of Nursing, represented LLU and LLUMC.

“It was both an honor and a privilege to be part of the delegation from Loma Linda University and the International Nursing Council,” says Ms. Forde. “The conference was such a huge success and the Nigerian nurses



Attendees and presenters at the Adventist Nurses Conference pose for a picture following the close of the conference.

were very warm and welcoming to us.

“We left Nigeria feeling both spiritually and professionally empowered. It was humbling yet special to be part of the international emphasis of sharing God’s love and our advanced nursing care in collaboration with the nurses in Africa.”

Loma Linda University School of Nursing and Loma Linda University Medical Center collaborated with

Adventist Health International–Nigeria for the program.

“Thank you for exposing the nurses to international nursing standards,” says Adenike Olaogun, PhD, RN, post-graduate program coordinator, department of nursing science, Obafemi Awolowo University. “I wish and hope there will be continuity in this type of continuing education embedded with spiritual touch.”

Medical Alumni Association director pens new book on Loma

School of Medicine Alumni Association executive director Dennis E. Park recently authored a 336-page book titled *The Mound City Chronicles: A Pictorial History of Loma Linda University, a Health Sciences Institution*.

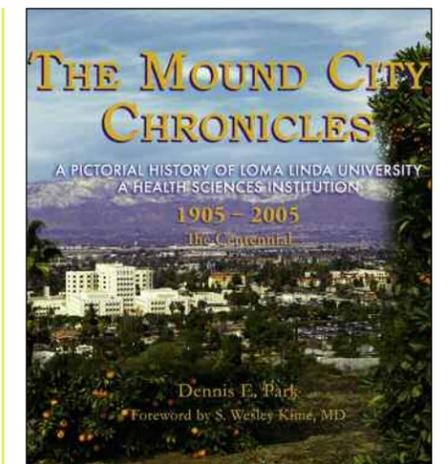
The book, published by the Alumni Association of the School of Medicine of Loma Linda University, includes more than 1,000 photographs, maps, and illustrations.

Henry K. Yeo, MD, editor of the *Alumni JOURNAL*, says of this book: “Publications come and go. But once in a while a publication comes to stay. Part

geography, part archival photography, part history, and a lot of meaningful nostalgia, this book will be repeatedly poured over for a long time to come.”

Loma Linda’s first mayor, Douglas F. Welebir, wrote, “Dennis Park, editor, writer, photographer, and chronicler, has historically and artistically captured the essence of Loma Linda as it was, as it has changed, as it is, and as it will become.”

The book is available through the Loma Linda University Campus Store and the Loma Linda Adventist Book Center.



Alumni notes

Colonel Loree K. Sutton (SM'85) was nominated by President George W. Bush for appointment to the grade of brigadier general in the United States Army in May. Col. Sutton has served as commander of Carl R. Darnall Army Medical Center, Fort Hood, Texas, since 2005. With the new appointment, she will become one of the highest ranking Seventh-day Adventist women ever to serve in the United States military. She has won numerous awards, including the Legion of Merit, the Bronze Star Medal, the Order of Military Merit, and the Defense Meritorious Service Medal. In addition, she has served in a variety of operational positions both in the U.S. and abroad, including Desert Storm.

Four alumni members of Loma Linda University were named to Southwestern Adventist University's (SWAU)



Earline Westphal Miller (SN'60) and Raymond G. "Dick" Hall Jr. (GS'68) pose for a picture with their hall of fame awards.



Richard "Dick" Pierce (GS'84) and his wife, Joan, pose for a picture at the Bono Family Creating Hope Award Gala in November.

alumni hall of fame during their alumni weekend in April. **Raymond G. "Dick" Hall Jr. (GS'68); Helton R. Fisher (SPH'64); Marilyn Bennett Justesen (SN'67, SPH'75, SN'82); and Earline Westphal Miller (SN'60)** were all named to the hall of fame. Dr. Hall graduated from SWAU in 1957 and currently teaches full-time in the School of Medicine, School of Dentistry, and the Faculty of Graduate Studies. Mr. Fisher graduated from SWAU in 1957 and currently works at New Start Children's Home in Zimbabwe. Ms. Justesen, a 1964 SWAU graduate, currently teaches for the University of North Carolina system at the University of North Carolina, Wilmington, and East Carolina University in Greenville. Dr. Miller completed her program at SWAU in 1957 and currently is caring for her father, who is 101 of age.

Richard "Dick" Pierce (GS'84)

and his wife, Joan, were honored in November with the Creating Hope Award by Prevent Child Abuse Riverside County—San Geronio Committee (PCARC).

Mr. Pierce worked for Riverside County Child Protective Services for 33 years. He has counseled sexual abuse perpetrators and their non-offending spouses through the Parent's United program for 21 years and was instrumental in starting the Son's United program in 1984 to counsel boys who have been victims of sexual abuse. He has been a licensed marriage and family therapist since 1986, continues to counsel individuals and families in his private practice, and recently retired from Riverside County.

Mr. Pierce has been actively involved in PCARC since its inception 23 years ago.

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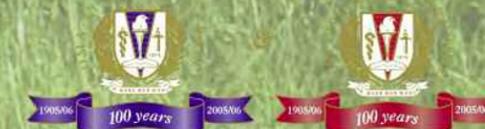
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