

LLU DENTISTRY

The melding of compassion and competence in dental education



LOMA LINDA
UNIVERSITY
School of Dentistry

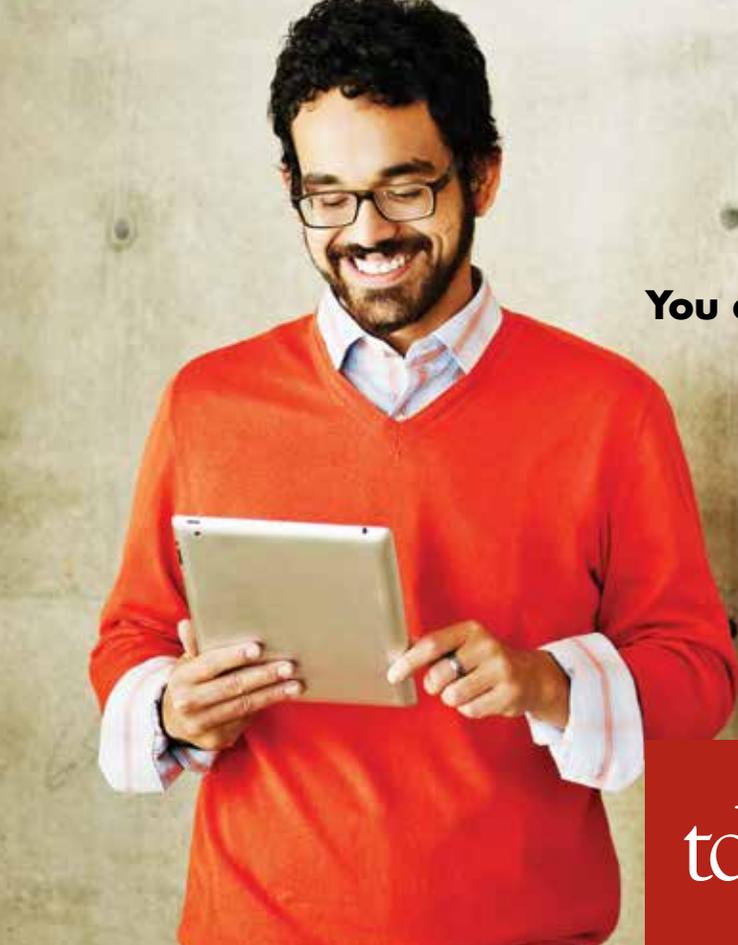
**Transitions in
administration
& philanthropy**

**Division
of General
Dentistry
established**

**Alumni Student
Convention # 55**

**CDR celebrates
major expansion**





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"My gift will help establish an endowed chair for the orthodontics program."

— J. Milford Anholm



LOMA LINDA UNIVERSITY
HEALTH

LLU DENTISTRY

The melding of competence and compassion in dental education.

VOLUME 26, NUMBER 1 WINTER/SPRING 2015

DENTISTRY celebrates with alumni and friends the School of Dentistry's efforts to combine compassion and competence in the education of oral healthcare professionals. LLUSD alumni represent the strength of that amalgam. The journal is published twice each year by the Loma Linda University School of Dentistry Office of Marketing.

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LLUSD Mission

Loma Linda University School of Dentistry seeks to further the healing and teaching ministry of Jesus Christ by providing an environment wherein:

Students learn to provide high quality oral healthcare based on sound scientific principles

Patients receive competent care, which is preventive in purpose, comprehensive in scope, and provided with compassion and respect

Faculty, students, and staff value the patient relationship, respect diversity, and share responsibility by working together toward academic, professional, spiritual, and personal growth

Scholarly activity and research provide a foundation for evidence-based learning and enhance whole person care

The workplace environment attracts and retains a superior and diverse faculty and staff who motivate, educate, and serve

Our communities (local, global, and professional) benefit from our service, stewardship, and commitment to life-long learning.



The first-floor east wing of the Chan Shun Pavilion houses the new addition to the School's Center for Dental Research.

Editor's note: *LLU Dentistry* readers may notice some adjustments to the look and feel of this issue of the School's alumni journal.

"[D]esigned to inform alumni, faculty, students, and other interested individuals regarding current School programs, events, and activities and accomplishments of faculty, students and alumni," the alumni journal was launched in very early 1988 as *Dentistry*, under the editorship of Leif K. Bakland, DDS, professor emeritus, Department of Endodontics.

But there's sort of a problem.

The name *Dentistry* had the benefit of being discipline relevant, direct, and difficult to confuse. But most likely due to its generic obviousness, it is also the name used by three other American dental school alumni journals. The font and positioning of one of those other *Dentistry* journals leaves it perfectly confusable with our alumni journal.

And so early in April the LLUSD Office of Marketing presented faculty, students, and staff with a week-long contest to submit alternate name suggestions for the possible renaming of the alumni journal.

Contestants were advised to make their suggestions one or two words that comfortably follow LLU—such as, LLU AMALGAM. If it weren't for the fact that a small subset of dentists (and a substantial percent of the general population) have a problem with the mercury component of amalgams, the word would have been a prime candidate, given its connotation of diversity, strength, cohesion, and longevity.

Here are some names that already have been rejected by the School's administrative council:

Alembic, Amalgam, Apex, Arch, Bite, Canker, Composite, Eruption, Maxdible, Margins, Mouth, Nerve, Nitrous, Occlusion, Pontic, Profusion, Restore, Root, Retain, Transitions, Vanguard, Vision . . .

We received 163 name suggestions from 51 contestants. From among those contestant submissions the School's Administrative Council will choose a name . . . or not. The administrators appear quite open to a new name, but until they are able to agree on one, we will continue as we have since 1988.

I just wanted our readers to know what we are up to, and I hope that you will adapt easily to (if not welcome) the changes we've made and a few that are yet to come.

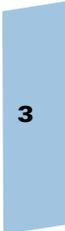
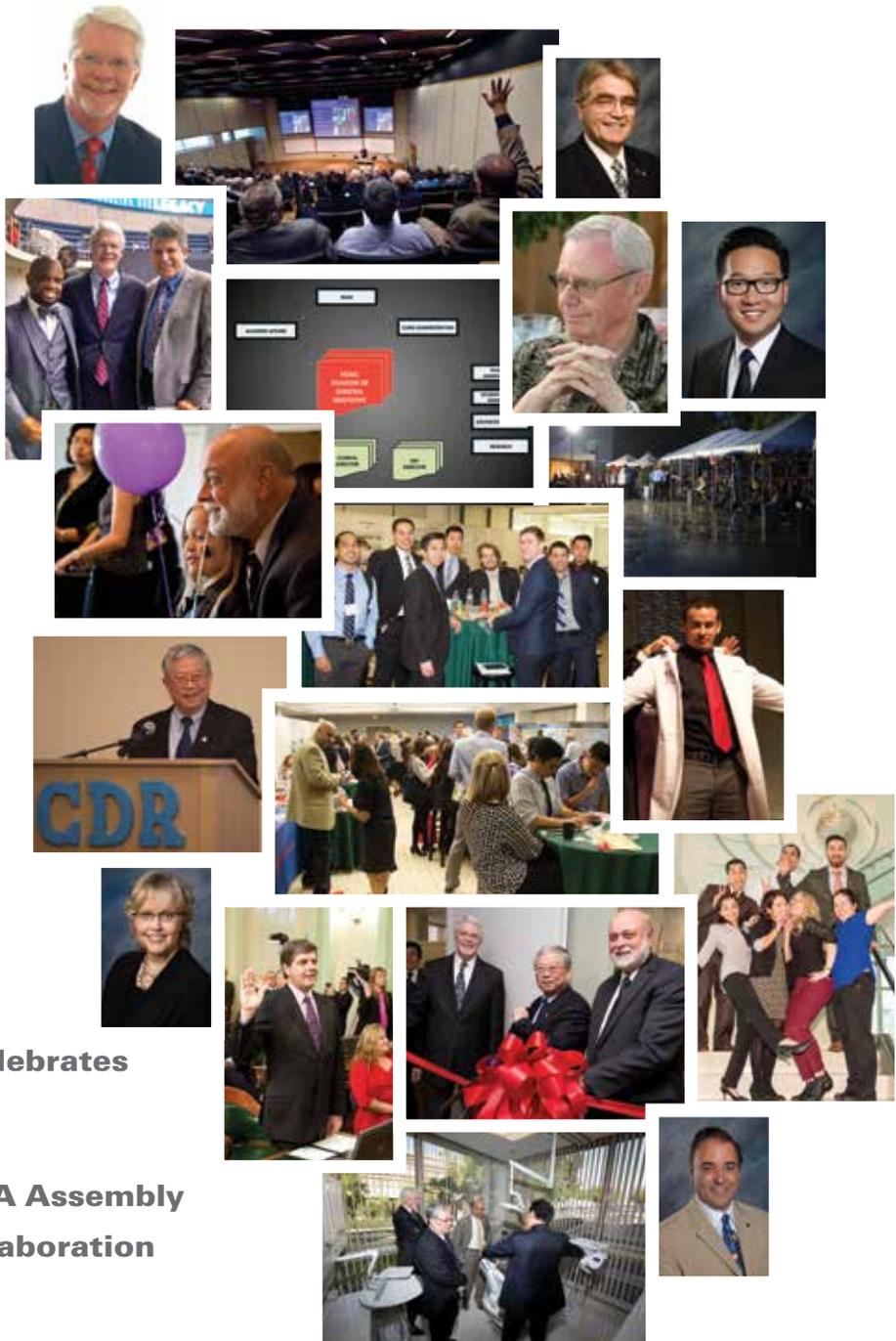
In the meanwhile, we appreciate your readership and welcome your submission of news about your victories (or those of modest colleagues), as well as queries about stories you might want to submit for the possible enjoyment of fellow alumni.

Appreciatively yours,

Doug Hackleman, MA
Editor

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DEAN'S MESSAGE

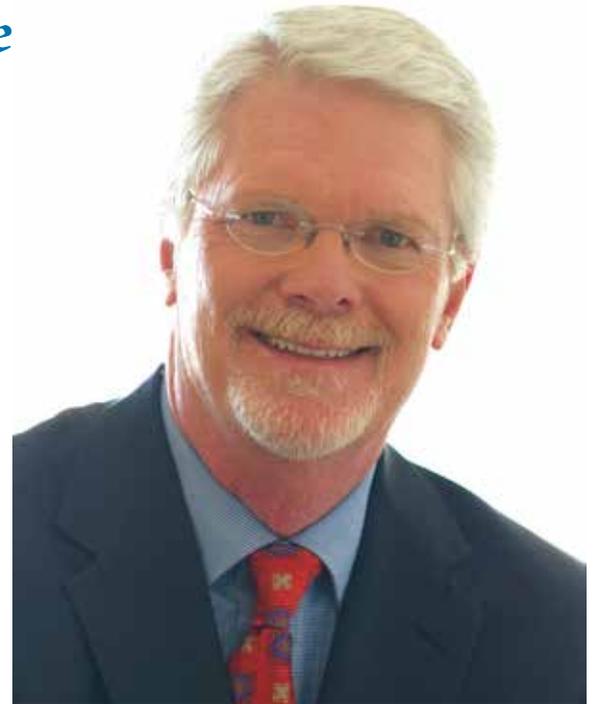
Opportunity and Anxiety: the byproducts of Change

If you want things to stay as they are, things will have to change. — Giuseppe di Lampedusa

As many of you are aware, there are significant changes occurring in healthcare, healthcare education, and (of particular interest to us), dental education. At the Loma Linda University School of Dentistry, we are carefully tracking the trends and are future focused to ensure we continue to effectively prepare our students for the uncertain terrain before them. This means there are changes occurring in our curriculum!

Over the years, I have heard many comments about how difficult change is in the highly structured and tradition-bound world of dental education. However, I am finding at our School a good measure of excitement about and anticipation for the opportunities that lie ahead, equaled only by the measure of anxiety over how the changes “may effect me.”

Both responses are predictable and understandable. I have learned in the past few months at the School of Dentistry how good we are at dealing with change. Part of this stems from our collegial environment that fosters a willingness to listen to one another about new ideas and novel ways to meet our mission and achieve our goals. Now more than ever, this attribute becomes pivotal, as we accept the mantle of “next-generation” leaders in academic dentistry.



Dr. Ronald Dailey

I have talked about our need to evolve on many occasions and in a variety of settings. It is important that we continue this conversation to ensure that the tremendous opportunity change provides is never missed due to our concerns and fears. Our task is to take charge, do our homework, and chart the course.

For years, leaders throughout academic dentistry have been calling for fundamental changes in dental school pedagogy—the application of critical thinking, comprehensive care, inter-professional instruction, curriculum reconstruction, evidence-based practice, and etc. Academic dentistry is uniquely positioned to meet many of the pressing needs of our communities by teaching evidence-based practice, encouraging translational research, and producing competent and compassionate oral healthcare professionals.

It is essential that we approach and shape our future in ways that support, encourage, and enable faculty and student success.

It is essential that we adapt to and shape our future in ways that encourage and enable faculty and student success. Supporting that success also requires that we ensure our long-term financial stability. In this fast-changing external environment in which there are many unknowns, we must be deliberate, strategic, and flexible in our planning for the future. Indeed, to paraphrase di Lamedusa, if we want to sustain our traditions as a spiritually-focused community in which our graduates are trained to be excellent clinicians who deliver compassionate care to their patients, we must change.

At your alma mater, we are in the process of implementing significant changes that include administrative reorganization (see pages 10 and 11), strategies to more effectively integrate our clinics, and the identification of top new talent that is eager to explore new strategies to achieve our mission. In the near future, we will redesign our educational curriculum to address the non-negotiable imperatives that include new accreditation standards and a new Integrated National Dental Board Examination. We will continue to pursue ever more rigorous streamlining of administrative processes to enable continued investments in faculty professional development and

ensure that faculty compensation is benchmarked to remuneration at other schools of dentistry.

As we move forward, I welcome your continued candid and collegial communication about both the opportunities and the concerns inherent in change. With courage and perseverance, the School of Dentistry will maintain and expand its tradition of melding compassion and competence—of heart and best practices—in the delivery of oral healthcare education that honors our Christian heritage.

Thank you for everything you do for LLU School of Dentistry.



Ronald J. Dailey, PhD
Dean, School of Dentistry

Vision 2020 and the School of Dentistry

The country-crisscrossing alumni visitations of Dean Ron Dailey, PhD, and senior development officer Tim Sherwin, MS, over the past few months have been rewarding. For Dean Dailey, especially, these travels have meant an opportunity to renew acquaintances and see the accomplishments of so many former students who earned their degrees at LLUSD during his service that dates to 1975.

Fortunately for the School, and especially for incoming students, many alumni are proactively concerned about the success of the place that helped them acquire the skills with which they have been able simultaneously to make a living and do so much good.

Recently, School of Medicine alumnus, Halford Price, MD'56, and his School of Dentistry alumnus daughter, Virginia Price, DDS'83, together gifted LLUSD \$500,000 to upgrade and expand the School's overtaxed Radiology Clinic. The Price Family Oral and Maxillofacial Imaging Clinic will have increased patient capacity with updated imaging units and sensors, and it will better centralize imaging facilities within the School.



The Vision 2020 rollout drew a very large crowd.

Early this year, Clyde Roggenkamp, DDS'70, MSD, associate professor, Restorative Dentistry, pledged to the School six apartment rental units, half of their value designated as a cash contribution toward advanced dental equipment.

The family of teaching alumnus Philip J. Boyne, DMD, MS, DSc, director of the Advanced Education Program in Oral and Maxillofacial Surgery from 1978 to 1995, donated a substantial block of securities from a charitable remainder trust. The expectation is that this gift, through a matching fund arrangement, will help support a remodel of the Department of Oral and Maxillofacial Surgery.

Charles W. Beckett, Jr., DDS'57, and his wife Barbara, contributed \$170,000 worth of Southern California Edison stock, some of which is committed to an operatory in the Center for Dental Research.

Since December 2014, Dean Dailey and Tim Sherwin, have traveled the country to meet donors who are alumni and friends of LLUSD in such far-flung venues as Washington, DC; Huntsville, Alabama; Angwin, CA; Berrien Springs, Michigan; San Francisco, California; San Antonio, Texas; Boston, Massachusetts; Portland, Oregon; and Walla Walla, Washington.

The School's most pressing need is for scholarship endowment funds to help offset the annual growth in tuition that peaked in 2010-2011 at nearly 10 percent. The tuition increase for the past two years has slowed to 3.5 percent per year.

In another positive trend, the first quarter philanthropic acquisitions for 2015 exceed the total for all of last year. The

“[G]ifts [to LLUSD] will always be applied to the purpose for which they are given.”

—Richard Hart, MD, DrPH

School's new development team, Tim Sherwin and recently hired development officer Kristi Herrmann, expect to exceed the \$2 million goal set for this year and to surpass their target of \$19 million in major gifts over the next five years.

Double impact giving

The unusually positive side of giving to the School of Dentistry, its people, or its projects during the next four years is that the contributions do double duty.

Gifts toward the \$19 million goal that LLUSD has set for the next four years become an indirect contribution to Vision 2020:

The Campaign for a Whole Tomorrow, which represents the largest philanthropic endeavor in the history of Loma Linda University Health.

As many readers will know, last July a historic \$100 million commitment from a local community family launched this campaign. Though the gift was designated for the expansion of the hospitals, the Vision 2020 project includes a robust upgrade of the University's educational programs. The exciting part of giving to the School of Dentistry during the campaign is that the gifts received will do double duty.

"Vision 2020 begins with education, the foundation of Loma Linda University Health," says LLUH president, Richard H. Hart, MD, DrPH. "All schools, like the School of Dentistry, have set priorities within the School for their portion of the Vision 2020 Campaign, and gifts will always be applied to the purpose for which they are given. Vision 2020 is an opportunity to look to the future of the School of Dentistry and celebrate the support that generous alumni will provide."

Though the State of California's stringent new seismic standards require LLUH to build a new adult hospital, along with a needed expansion of the Children's Hospital, each LLU school's priorities and research is a major component of the effort.

Altogether, LLUH Vision 2020 is monumental, and the School of Dentistry's initiatives are an important and consequential component. Gifts from LLUSD's alumni and friends to the School will—

- significantly increase scholarship programs and lower the debt load of students,
- make needed capital improvements, and
- expand faculty development programs.

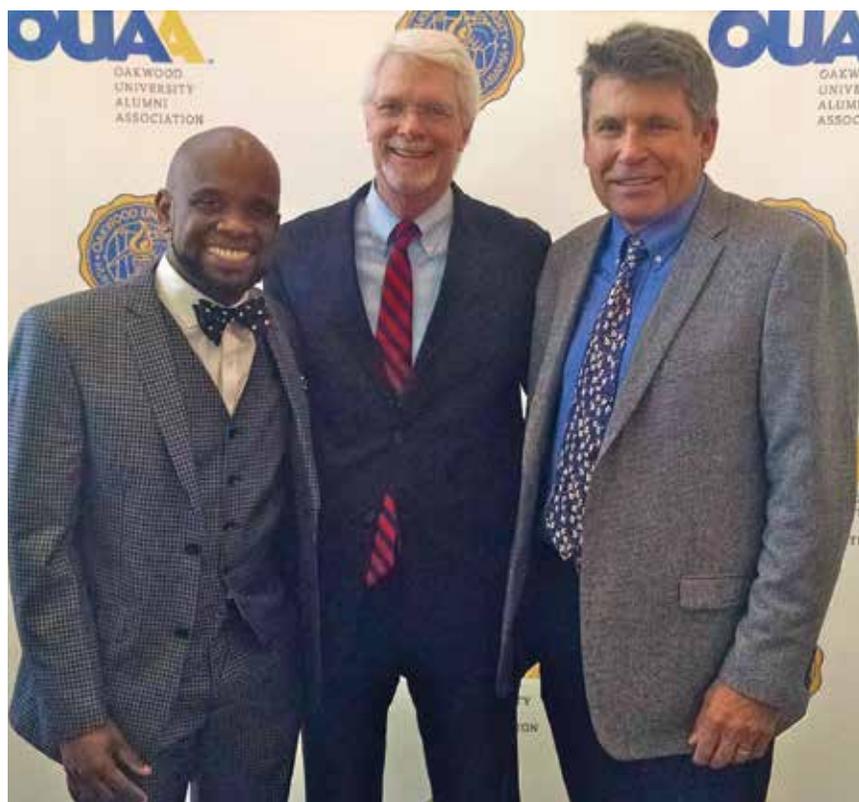
As the required expansions and replacements take form, more prime space—such as the 5,631 square feet of research space in Chan Shun Pavilion, which the School of Medicine, in a collegial collaboration, recently shared with the Center for Dental Research—will become available. The Vision 2020 campus plan will include additional space for particular LLUSD programs and cross-school collaborations, especially as the needs of an inter-professional teaching environment grow.

The time is ideal, over the next several years, to make a living trust, or tangible asset gift, to the School of Dentistry that will simultaneously support an enhancement to the campus that sustains the School in so many ways.



Dean Dailey poses with Ginger Price in her Scottsdale, Arizona, office.

As you consider a significant investment in your alma mater, remember that your gift—whether cash, assets, or a planned legacy gift—also will help LLUH succeed in an historic effort, even as your generosity applies directly to the School of Dentistry priority of your choosing. Your gift has a double impact.



Dean Dailey at Oakwood University with Alan Woodson, DDS'87, and Tim Sherwin.

Upcoming Continuing Dental Education Courses

Master Esthetic Dentistry Continuum (NEW)

September 2015 - June 2016

Orthodontic Assisting Permit Program (NEW)

September 2015 – November 2015

Microbes, Infections and Antibiotics

September 13, 2015

Paul Eleazer, DDS, MS

Hot Topics in Infection Control and the California Dental Practice Act

September 20, 2015

Nancy (Andrews) Dewhirst, RDH, BS & Bette Robin, DDS, JD

Occlusion: A Down-to-Earth Practical Course

September 27, 2015

Steven Morgano, DMD

Management of Dental Conditions

October 11, 2015

M. Anthony Pogrel, DDS, MD

Oral/IV Sedation in Dentistry: “How-to” Applications, Clinical Pharmacology and Controversies

October 25, 2015

Mel Hawkins, DDS

Dental Materials and Techniques

November 15, 2015

Gerard Kugel, DMD, MS, PhD

Clinical Dental Pharmacology

December 6, 2015

Harold Crossley, DDS, MS, PhD

56th Annual Alumni Student Convention

February 25-28, 2016

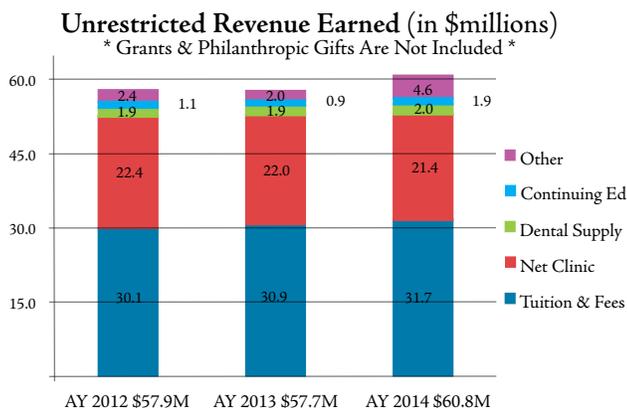
**To register and for more information call LLUSD Continuing Dental Education at
(909) 558-4685 or
visit www.dentistry.llu.edu**

BY THE NUMBERS

Since 1957, LLUSD has graduated—

- 220** – dental assistants
- 1,852** – dental hygienists
- 4,643** – dentists (including 530 IDP graduates)
- 857** – advanced specialty education residents

\$60.8 Unrestricted Revenue Earned in 2014



600 -1,000 patients treated each weekday in student clinics

\$618,879 in services to the LLUSD community through annual Clinic With A Heart

That means 3,306 grateful patients were treated free on 25 Sundays since 1990, by LLUSD and student nurse volunteers.

84 infants and toddlers with cleft lip and/or palate treated with PNAM-augmented surgeries since 2009.

Pre-surgical Nasal Alveolar Molding (PNAM) means a greatly reduced number of surgeries and improved esthetic and functional outcomes.

510 current LLUSD faculty (by rank/status)

- 2** – Professor Emeritus
- 38** – Professor
- 71** – Associate Professor
- 349** – Assistant Professor
- 41** – Instructors
- 8** – Lecturers
- 123** – Full-time
- 237** – Part-time
- 150** – Voluntary

\$3.2 million in social media exposure

- 1,672** – LLUSD Twitter followers
- 18,843** – Facebook total reach; 7,547 likes
- 163** – YouTube Channel subscribers

5,631 square feet of newly equipped research space added to the Center for Dental Research

119,377 patient visits at LLUSD clinics over the past calendar year

139 students participated in international service learning trips (June 2013 – May 2014)

- 30** – faculty members supervised on these trips
- 3,786** – patients served
- 6,631** – procedures completed
- 12** – countries in which dental services were provided: Belize, Dominican Republic, Ethiopia, Guyana, Honduras (x3), Jamaica, Kenya (Maasai), Nicaragua, Palau, Sri Lanka, St. Vincent, Zimbabwe

2,891 student trips for local community service (June 2013 – May 2014)

- 384** – trips
- 251** – faculty/trip supervision
- 3,797** – patients served
- 7,451** – procedures completed

630 students in all programs demonstrate profound diversity at LLUSD:

- 222** – Asian
- 197** – Caucasian
- 50** – Middle Eastern
- 27** – African American
- 45** – Other

93 Advanced Specialty Education Program residents:

- 13** – Dental Anesthesiology
- 7** – Endodontics
- 7** – Implant Dentistry
- 17** – Oral Maxillofacial Surgery (9 MD, 8 MS)
- 12** – Orthodontics
- 8** – Pediatric Dentistry
- 9** – Periodontics
- 15** – Prosthodontics

1,678 applicants for DDS class of 2018

- 45** – Female
- 55** – Male
- 7** – African American
- 42** – Asian
- 35** – Caucasian
- 13** – Hispanic
- 3** – Multiple

TRANSITIONS

Division of General Dentistry revitalizes clinical training

Predocutorial program restructuring begins

A task force comprised of four general dentists and three dental specialists was formed in late September 2014 to assess and strengthen clinical education structure and processes for the School of Dentistry’s doctor of dental surgery program. The task force was charged with ensuring that LLUSD clinics deliver patient-centered care that facilitates effective learning, and is evidence based, efficient and productive.

The task force addressed pertinent issues: What structures will most effectively and efficiently prepare students for peak clinical performance, considering the fact that the overwhelming majority of the graduates will go into general dentistry practice? How can the consultation and diagnostic procedures be designed to provide treatment comparable to that of a quality general practice? What adjustments might reduce the number of consults in diagnosis and treatment plans that come from several sources? Additionally, the integration of clinical and academic programs came under scrutiny to determine ways of improving communication between specialties and general pre-doctoral clinical care providers.

What worked when the School processed its first 39 dental graduates in the spring of 1957 has required adjustments as its professional programs have expanded. Now at least 200 graduates march each year to receive degrees through programs in dentistry (including IDP), dental hygiene, and advanced specialty education.

The recommendations of the task force have led to a new administrative structure—a Division of General Dentistry; and the person appointed to lead the new framework is John Won, DDS’05, MS’12, assistant professor of restorative dentistry, a dual-trained implant prosthodontist, now with the designation, “head,” Division of General Dentistry.

For the new Division of General Dentistry, the task force recommended a clinic instruction model referred to as a “general practice” model. The new clinical structure and procedure will be built around instructors who are described

by Dr. Won as “Everybody Everyday.” This indicates the fact that each instructor on the clinic floor is available to oversee whatever involvement any student is having with a patient at any given time—from screening, to treatment plans, to referral decisions, to restorative procedures, to extractions—within the scope of what general practitioners in the real world would be providing for their patients. “In the general practice model, the general practitioners become the drivers of the patient’s treatment and the specialists remain critical sources of expert opinion and providers of advanced care, as it should be in private practice.” Dr. Won explains.

Along with the new Division come department, administrative, and instruction reassignments. The Division answers to Paul Richardson, DDS’72, MSED, associate dean for Clinic Administration and Robert Handysides, DDS’93, associate dean for Academic Affairs. Meanwhile, three directors—academic, clinical, and International Dentist Program—will report to the Division head.

Academic director, Heidi Christensen, DDS, MS, associate professor, oral diagnosis, radiology, and pathology (ODRP), has chaired the department from 2011 to the present. As director she will examine

and implement integration of classroom instruction with what clinicians are expected to be able to do in a general practice setting. Dr. Christensen’s guiding principle will be the cultivation of a culture of active, life-long learning for faculty and students that applies scientific evidence for sound biological principles that enhance whole person care.

Clinical director, L. Parnell Taylor, DDS, associate professor, restorative dentistry, since 2006, along with the Division head and fellow directors, will monitor the accountability of students and faculty. The clinical guiding principles provide for the well-being of patients while balancing their health, their comfort, their financial responsibilities, the prognosis of the proposed treatment, and the efficiency of the process.

Newly appointed International Dentist Program director (IDP), Mark Estey, DDS’98, associate professor, restorative dentistry and a prosthodontist, has taught



Dr. John Won

Task Force on Clinical Education Structure and Process

- Joe Caruso, DDS, MS, MPH
- Mike Fitzpatrick, DDS,
- Rob Handysides, DDS
- Zina Johnston, DDS
- Greg Mitchell, DDS
- Paul Richardson, DDS, MSED
- Parnell Taylor, DDS



Dr. Heidi Christensen



Dr. Parnell Taylor



Dr. Mark Estey

at LLUSD since 2002 in both the clinical and classroom settings and was the 2014 LLUSD “Teacher of the Year.”

As the task force wrestled with its mandate, through several Faculty Advance Seminars, Faculty Council meetings, and open “brown bag” lunches with Dean Ron Dailey, PhD, faculty, students, and staff were kept apprised

on; and produce a regularly revised clinical handbook that outlines LLUSD approved protocol.

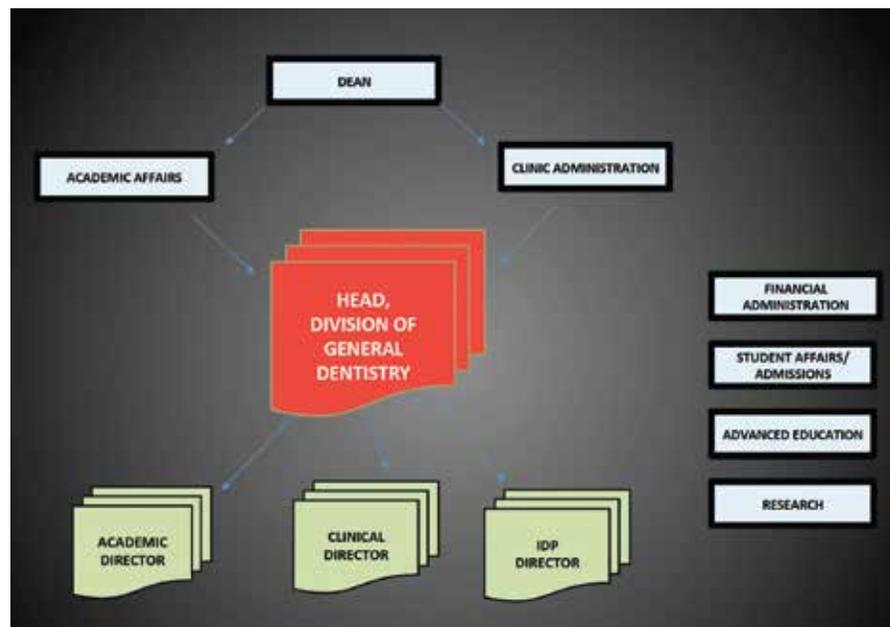
Dr. Won emphasizes how important to him, his directors, and the taskforce faculty feedback has been in the restructuring effort. “The involvement of our faculty, students and staff has been an invaluable part of the data collection and decision-making process as we continually strive to grow the Division in a grassroots type of movement.”

Beginning in April of 2015, Dr. Estey, with the help of Drs. Michael Fitzpatrick, DDS’87, professor, Department of Restorative Dentistry, and Jessica Kim, DDS’05, outgoing director of the International Dentist Program, began to implement a pilot project in IDP to test the new approach with four supervising dentists, each of whom oversees six students. These supervisors, fitting the “Everybody Everyday” model, consult regularly to assess the curriculum and establish consistent, informed positions on diagnosis and treatment procedures. This ambitious undertaking will be followed carefully and modified where necessary before its implementation into the School’s main clinic.

A new clinic manual will be introduced in July 2015 with the launch of the new clinical instruction model in the main student clinic.

“Like any new undertaking,” says Dr. Won, “creating success will be challenging.

We know it will be a continuous process of implementing new ideas, assessing the outcomes, re-evaluating the protocols, and recreating based on the desire constantly to improve the education provided our students and the care provided our patients. Success will not happen over night, and once we find it, we know the world is ever changing, presenting new challenges on a daily basis. But it is our hope and prayer that God will guide us to find success, in His plan for His school.”



Organizational structure for new Division of General Dentistry

of the emerging results of the reassessment. At a follow up Faculty Development Retreat on the new “general dentistry” clinic organization (March 23 and 24), faculty members addressed their concerns: identify current protocol for diagnosis and treatment plans; identify items for which there is protocol conflict; examine evidence-based literature to guide selection of diagnosis and treatment plans; arrive at standardization of processes that are currently disagreed

TRANSITIONS

Steven Morrow appointed assistant dean, Advanced Education

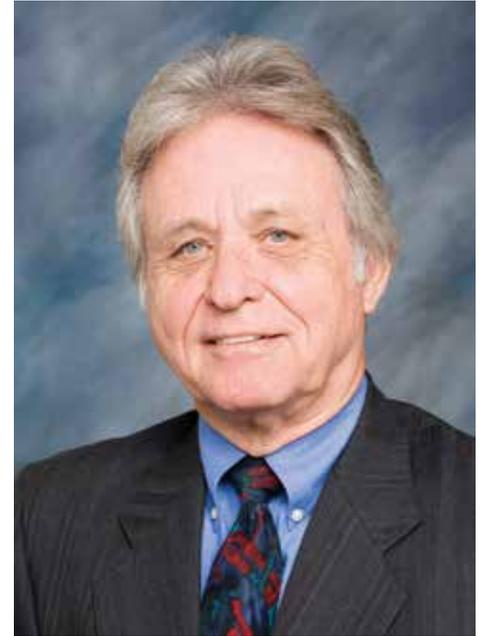
Ronald Dailey, PhD, Dean, LLU School of Dentistry, is pleased to announce the appointment of Steven Morrow, DDS'60, MS'85, as assistant dean for Advanced Dental Education.

Having taught future oral healthcare professionals at LLUSD since 1965, Dr. Morrow is currently a professor in the Department of Endodontics that he chaired from 1987 to 1990. He maintains responsibilities he accepted in 2000 as director of Patient Care Services and Clinical Quality Assurance.

A leader in the field of endodontics, Dr. Morrow was director, District VI, of the American Association of Endodontists from 1990 to 1993. He has also served as president of the Southern California Academy of Endodontics and as president of the California State Association of Endodontists. In 1997, he earned diplomate status from the American Board of Endodontics. Since 1998, he has been a fellow of the American College of Dentists; and since 2003, he has served on the editorial review board of the Journal of Endodontics.

A life member of the American Dental Association, the American Association of Endodontists, and the California State Association of Endodontists, he is currently serving his second term as a member of the Dental Board of California.

Dr. Morrow was presented the Distinguished Faculty Service Award from Loma Linda University School of Dentistry in 2009 and the Distinguished Alumnus Award from LLUSD Alumni Association in 2013.



Dr. Steven Morrow



Dr. Erin Stephens

Familiar face, new arena

Erin Stephens, DDS'10, has been a full time faculty member in the Department of Oral Diagnosis, Radiology and Pathology since 2010, serving in both didactic and clinical capacities. Currently she is course director for patient assessment, assists in other ODRP didactic courses and is an ODRP instructor on the main clinic floor.

As the landscape of healthcare continues to change rapidly, the core competencies of inter-professional education (IPE) have been identified as the most effective tools to prepare LLUSD students for that changing educational landscape, and implementing IPE in a more intentional way at the School of Dentistry in an ongoing initiative that will be acquiring increasing attention.

Dr. Stephens has accepted an assignment to coordinate all the IPE activities within the School. During the past year she assumed leadership roles in the Inter-Professional Laboratory (IPL) at the Medical Simulation Center, as well as served on the IPL steering committee for Loma Linda University. She has participated in the School of Dentistry's IPE task force and currently manages the IPE collaboration with the School of Pharmacy in the Urgent Care Clinic. In her new role advancing IPE at the School of Dentistry, Dr. Stephens will devote one day a week to the Department of Dental Education Services which currently manages IPE. She is passionate about IPE, believes in the value of IPE, and has the experience and skills to implement it into the curriculum in a meaningful way.

Fred Kasischke migrates

Fred Kasischke, DMin, associate dean, Admissions and Service Learning, concluded on November 14, 2014, a sixteen-year relationship with the LLU School of Dentistry that began almost as a migration.

During the 1990s, while concluding 23 years as assistant pastor just across the green at the LLU Church and part-time member of the University's School of Religion faculty, Dr. Kasischke was teaching D-1 and D-4 students and had sat for several years on the School's admissions committee. A survey he had given his first- and fourth-year students revealed significantly different attitudes that caught the eye of then LLUSD Dean Charles Goodacre, DDS, MSD. Dr. Goodacre recruited Dr. Kasischke to administer Admissions, expand the School's Service Learning program, and provide spiritual nurture.

In four years, along with a leadership team in the University Church, Dr. Kasischke had grown the young adult Sabbath School class from about 50 regulars to over 300, most of whom were LLU students. "It was a nice tie-in with School of Dentistry students," he says.

While at LLUSD, Dr. Kasischke served as assistant dean, associate dean, assistant professor, Dental Education Services, and assistant professor, LLU School of Religion—the last concurrently.

When discussing with Dr. Kasischke his time at the School, it seems clear that the most meaningful part of his employment was the growth, vitality, and impact of the Service Learning program. He notes with satisfaction that no other school of dentistry requires of its dental students 120 hours of service learning. His office initiated a service-learning publication of a rough dozen venues that regularly benefit from the services and oversight of School of Dentistry students and faculty.

The youngest of five children, Dr. Kasischke was born and reared on a small dairy farm in southwestern Michigan, 90 miles from Chicago. He met Diane Raystes, at Broadview Academy in Illinois; they married in 1967, and now have three sons: Douglas, a second-year PhD student in early American church history at Vanderbilt University in Nashville; David, a business major graduate of La Sierra University, now the operations manager for Hospitality Dental in San Bernardino; and Dustin, a dental hygienist. Mrs. Kasischke is a registered nurse and recently retired as director of LLU's pediatric residency program.

Dr. Kasischke finished his undergraduate studies at Andrews University in 1968. He earned his master of divinity in 1970

from Andrews University, and his doctor of ministry at Fuller Theological Seminary in Pasadena in 1988.

"I've been a pastor since 1970, in Illinois, in the Southern California Conference, the Southeastern California Conference, and the University Church," says Dr. Kasischke. "I was a youth pastor for years, and I've done a lot of work with family ministries, both for the local church and the conference."

He chaired the family ministry committee of the Southeastern California Conference for several years. And after joining the School of Dentistry, he continued to serve in a leadership role with the University Church's young adult (18-35) Sabbath School in the chapel.

Dr. Kasischke has served on a California state committee for child abuse prevention, contributing his expertise toward building stronger, healthier families.

During his 39 years as part of the Loma Linda community, Dr. Kasischke was the owner/builder of

two homes in Redlands. Regarding the second home, he says, "We used an architect to alter some plans, and we subbed it all out, but painted and landscaped on our own; because I enjoy working in the yard and gardening." Outside, the triple driveway sports a basketball court, and red roses grace the fence rails.

Dr. Kasischke likes "to fool around in the kitchen." For him it's a hobby. "I make a pretty mean apple pie, and persimmon cookies. I like Northern Italian food, wonderful pastas and their good sauces: heart-attack-on-a-plate kind of stuff. That's why I walk a couple of miles a day."

He is also "kind of a sports junkie. Most sports I really enjoy: golf, racquetball, basketball, tennis." For many years he has been "a Bulls fan, a Cubs fan, a Bears fan." It does not sound as if his looming retirement will be spent in a rocking chair.

Two years ago, Fred and Diane purchased property and built a new home in Rockwall, Texas, about twenty miles northeast of Dallas, where they moved to be near their youngest son, Dustin Kasischke, DH '07, and his wife, Elizabeth Williamson, DDS '07.

Dr. Kasischke is looking forward to resuming (his words) "the frustrating game of golf."

Dean Ron Dailey, PhD, said in announcing Dr. Kasischke's intentions to retire, "Fred has been a stabilizing influence in the admissions process during a time of changing demographics and priorities in the current generation of applicants. In addition, he has taken one of the School of Dentistry's traditional strengths, our service learning (both local and overseas mission outreach trips) and grown it to a level far beyond what the School had achieved prior to his arrival."



Dr. Kasischke at his southwest corner, fifth floor Prince Hall office.

TRANSITIONS

Graham Stacey assumes expanded role

The administrative duties of Graham Stacey, PhD, have been expanded to match his new title, associate dean, Office of Admissions and Student Affairs, LLU School of Dentistry.

Not long after the December 2014 retirement of Fred Kasischke, PhD, then associate dean for Admissions and Service Learning, Dean Ron Dailey, PhD, asked Dr. Stacey, associate dean for Student Affairs, to accept an appointment to administer admissions and service learning as well.

After some weeks of settling in, Dr. Stacey outlined a modified structure for the combined position and reorganized the responsibilities of the personnel under his purview.

With his goal “to improve efficiencies and reduce budget impact,” Dr. Stacey issued a January 28, 2015, memo to the School family that introduced his “integrated, collaborative, and cross-trained team” and their mandate “to facilitate our

Admissions and Recruitment

The admissions and recruitment team—comprised of Esther Valenzuela, director; Marlise Perry, assistant director; Cynthia Cassem, administrative assistant; and Roberta Lair, records analyst—will continue to handle all recruitment, admissions interviews, committees, consultations, feeder school visitation, and any other processes associated with the identification and matriculation of quality students.

Student Services

Irmgart Mitchell, formerly administrative assistant, office of Student Affairs, has been appointed director of Student Services. In that position she will facilitate all matters associated with student life—student finance, class leadership, registration, ‘hold’ clearance issues, housing,



Admissions and Student Affairs team (Front row L-R): Graham Stacey, Roberta Lair, Anne Nicholas, Tania Kurunathan, Debbie Friesen, Esther Valenzuela; (back row L-R): Laurel Reddoch, Gary Kerstetter, Scott Smith, Marlise Perry, Irmgart Mitchell

students’ admissions into and journey through their dental school experience.”

Administration

Tania Kurunathan, administrative assistant to Dr. Stacey, will assist with administration of the team in general and particularly the student professional standards process. Ms. Kurunathan will maintain Dr. Stacey’s schedule and support him with his committee memberships, record keeping, teaching responsibilities, and database management.

chapel attendance, student awards, student events, and liaison with LLU-ASDA.

Counseling & Support

Debbie Friesen, MS, assistant professor, Department of Dental Hygiene, has been appointed director of Student Support. Added to her faculty responsibilities, Ms. Friesen will triage student assistance, counseling referrals, accommodation assessment, Academic Review Committee follow-up, and continuing student support.

Service Learning

Gary Kerstetter, DDS'82, assistant professor, Dental Education Services, has been appointed director of Service Learning. Along with his faculty responsibilities, Dr. Kerstetter will be responsible for all Service Learning appointments, preparation, logistics, supervision, and operations, including staffing and Memoranda of Understanding. He will share with the director of Spiritual Life the administrative assistance of Anne Nicolas.

Spiritual Life

Scott Smith, DDS'09, assistant professor, Oral Diagnosis Radiology and Pathology, has been appointed director for

Spiritual Life. As a part of his larger responsibilities as a clinical faculty member, Dr. Smith will oversee the spiritual life of the School in general and of the students in particular. He will share with Dr. Kerstetter the administrative assistance of Anne Nicolas.

"This is an exciting opportunity for our team to collaborate in the coordination of care for our students from their admission right through their journey at LLUSD," says Dr. Stacey. "Having the different sections of this team understanding each other's roles and duties as we work together will improve our standard of service. This adjustment will be good for the students and good for the School of Dentistry."

Gary Kerstetter appointed director of Service Learning

Gary Kerstetter, DDS'82, assistant professor, Dental Education Services, was appointed director, Service Learning, on January 12, 2015. Since joining the LLUSD faculty in September of 2012, he has been involved increasingly with Service Learning activities, especially the School's mobile clinic.

Working closely with Graham, Stacey, PhD, associate dean for Admissions and Student Affairs, Dr. Kerstetter is responsible for all Service Learning appointments, preparation, supervision, and operations—including staffing and Memoranda of Understanding.

Before joining the School of Dentistry faculty, Dr. Kerstetter spent 25 years working as a correctional staff dentist at the California Rehabilitation Center in Norco, California, the last seven years as a correctional chief dental officer/supervising dentist. His duties included implementation and training of policies and procedures, hiring and discipline, the maintenance of quality assurance and clinical compliance with the Dental Practice Act, OSHA and CDC regulations and implementation of dental operations budget at the California Rehabilitation Center at Norco, California.

Since his graduation from the LLU School of Dentistry in 1982, Dr. Kerstetter says he has always looked forward to any publication from the School, especially its alumni journal, which he always read from cover to cover. And he thought that if he ever had the opportunity to give back to the School, the students, and the community he would jump at the chance. He says he hopes to remain at LLUSD as long as he can be an encouragement to the students and contribute to the School's mission of compassionate, professional service.

In his spare time, Dr. Kerstetter indulges a passion for southern gospel quartet music. He also serves as the scheduling coordinator for His Voice, a Christian men's chorus directed by Michael Naluai and comprised of Christian men from the Inland Empire in Southern California.

Dr. Kerstetter has been teaching at LLUSD faculty for two years, but to hear him talk, it sounds as if he never left.



Dr. Kerstetter in the mentoring role he enjoys most.

Dr. Kerstetter has been married for 37 years to Barbara, a retired registered nurse. The couple has three adult children, graduates (one each) of the Loma Linda University School of Medicine, School of Nursing, and School of Allied Health. Their physician son has provided them three grandchildren.

TRANSITIONS

Jayini Thakker, program director

Jayini Thakker, DDS, MD, assistant professor, Department of Oral and Maxillofacial Surgery, recently passed her certifying board examination for Oral and Maxillofacial Surgery.

Dr. Thakker has been appointed program director for the Advanced Specialty Education Program in Oral and Maxillofacial Surgery by Dr. Alan Herford, director, OMFS.

Some of her responsibilities include candidate interviews and selection, curriculum development, scheduling of resident rotations, lectures and academic activities, resident evaluations, and participation in the LLU Medical Center OR Committee, as well as the Committee for Quality Improvement.

Dr. Thakker earned her DDS at UC San Francisco in 2007 and her MD at the University of Florida College of Medicine in 2011. She completed her residency in OMFS at the University of Florida Health Sciences Center and Shands Hospital June 2013.

Dr. Thakker completed her undergraduate studies in Psychobiology at UCLA. She then went on to dental school at UCSF, where she became interested in oral and maxillofacial surgery.

In her free time, Dr. Thakker enjoys tennis, hiking, rock climbing, and travel.



Dr. Jayini Thakker

Kristi Herrmann, development officer

The LLU School of Dentistry acquired the services of Kristi Herrmann, beginning November 2014, to fill the School's need for a second development officer.

Ms. Herrmann joins Tim Sherwin, MS, in the effort to advance the School's strategic plan and forward-looking mission by securing major gifts from alumni, grateful patients, and friends of the School. Ms. Herrmann will report to Dean Ronald Dailey, PhD, and Lisa Wright, LLU executive director for philanthropy.

"On behalf of the School of Dentistry, I am excited to have Kristi Herrmann here with her contagious enthusiasm and experience with students, alumni, and many healthcare professionals," says Dean Dailey. "Kristi and her husband were already part of the School's community, and she shares the commitment of potential contributors to our mission of graduating the highest quality, service-oriented oral healthcare professionals."

A native of Oregon, Ms. Herrmann studied at La Sierra University and the Centre Universitaire et Pedagogique du Saleve, Collonges, France, and graduated from Andrews University in 2000 with a double major Bachelor of Arts degree in International Management and French.

Before joining the School of Dentistry, Ms. Herrmann worked for nearly seven years as a physician recruiter for Loma Linda University Health. She spent the previous four years as director of Student Activities & Leadership at La Sierra University, following two years as assistant director of alumni at La

Sierra Academy during which she also taught personal finance.

Ms. Herrmann is a certified medical staff recruiter (CMSR), fellow in the association of Staff Physician Recruiters (FASPR), and has extensive experience planning and coordinating large events such as resident job fairs, fundraisers, and alumni programs.

No stranger to travel and recruiting, Ms. Herrmann's father was a teacher and principal at academies in Oregon, Texas, Simi Valley, and Riverside, California; and since 1992, he has directed enrollment for La Sierra University, Andrews University, and (since 2002) Allied Health Professions at Loma Linda University.

Kristi is married to Loma Linda Academy history and economics teacher, Brandon Herrmann. The couple has a 19-month-old son, Micah.

Asked about hobbies, Kristi specifies wedding planner.



Kristi Herrmann

William Loveless, 1928-2014

The loss of Pastor **William Loveless**, PhD, to the School of Dentistry's extended family was a wrenching transition that seemed almost to finalize the passing of an era, given his significance as a pastor, counselor, and educator to the lives of so many members of the Loma Linda community—its University Church, its Medical Center, and schools—from 1970 off and on to his passing on September 15, 2014.

He was called "to comfort the afflicted and afflict the comfortable," Dr. Loveless concluded early in his career as a Seventh-day Adventist minister, educator, and marriage and family therapist.

Edna Maye Loveless, his wife and partner of 62 years, *Dentistry* contributing editor, and good friend, retraced his life steps:

"William Loveless was born on January 17, 1928, in Oshawa, Ontario, Canada, where his parents were on the faculty of Kingsway College.

"His pre-professional job record portrays his varied interests. In grade school he established a carrot juice business, delivering juice by bicycle in Hinsdale, Illinois. As a teen in Glendale, he sold Sunday morning papers on Colorado Avenue in Pasadena and oversaw watering on the Glendale Adventist Hospital grounds. At La Sierra University he claimed himself 'a sweeping success' as a janitor in the gymnasium, and conducted a shoe polishing business Friday afternoons in his dormitory room.

Accepting occasional appointments to play his saxophone at high school dance events, he testified that he never 'drank, smoked, cussed, spit, chewed or chased women'; he was there strictly for his love of music—and the \$30 he couldn't hope to make at other jobs in the 40s; however, his musical pursuits weren't endorsed at La Sierra, so at the end of his sophomore year he was invited to matriculate elsewhere. At Walla Walla College he did Friday afternoon barbering in his dormitory room and also served with fellow student Bud Dopp as the 'music department' at a nearby high school. During two college summer vacations he became third cook at Porter Adventist Hospital in Denver, retreating to the phone on occasion to ask his mother such questions as 'How do you make gravy?' He continued his interest in cooking by conducting cooking schools throughout his career, as well as turning out successful meals at home.

"His early interest in bird-watching brought twelve-year-old Bill an honorary membership in the LaGrange, Illinois, Audubon Society after he led members of the society on a tour of over 150 bird nests he had observed in Salt Creek woods, setting a record as the youngest member of the Audubon Society. When the fourteen-year-old surprised his parents by acquiring a pair of homing pigeons, they helped him build a loft where he housed a flock of racing pigeons. He later wrote *Beating Wings*, a book describing his adventures with the racing birds.



Dr. William Loveless

"He completed a theology major at Walla Walla College, College Place, Washington, in 1949, and a religion master's at The Seventh-day Adventist Theological Seminary in Washington, D.C., in 1953. Because of his pastoral calling, Bill's major professor at the University of Maryland actually arranged what she called a boutique doctor's degree for Bill, including philosophy, sociology, anthropology, psychology, and educational administration; the degree was awarded in 1964.

"Becoming the pastor of Spokane, Washington's Central Church in 1957, Bill took his first steps into television with a Sunday morning *Living in Balance* show. During a pastorate at Sligo SDA Church (1957-1970), Takoma Park, Maryland, Bill joined a team that climbed Mt. Ararat; co-hosted with Dr. Winton Beaven a television show, *Concept*, for six years on WMAL, the local ABC channel; conducted the Takoma Academy band, and initiated a student missionary program [in 1959 from Columbia Union College] that became a seminal experience for hundreds of students. The program spread to other Seventh-day Adventist college campuses, in spite of initial resistance from church headquarters.

"Subsequently Bill became the senior pastor of Loma Linda University Church twice (1970-1976 and 1990-2000), president of the Pennsylvania Conference of Seventh-day Adventists (1976-1978), president of Columbia Union College, Takoma Park, Maryland (1978-1990), and also served as an adjunct professor at the University of Maryland (1964-1966), at Columbia Union College (1959-1963), at La Sierra University (1990-1994), at the University of California Riverside (1999-2001), at the Loma Linda University Faculty of Religion (1990-2000), and he also served the Department of Educational Services and Behavioral Science Section for Loma Linda University's School of Dentistry from August 13, 2000-September 20, 2013. In addition, until September 2013 he was also active in Pathways, a Riverside marriage and family therapy practice."

Dean Ron Dailey, PhD, wrote, "It was mostly from my then office as academic dean that I was honored to appreciate Bill Loveless as a colleague and friend for thirteen years. Whether it was his wisdom and wit in a conference room, an office, or an elevator, he was a constant source of educational insights, creative solutions, and personal affirmation. He will be mourned by thousands of the School's alumni, faculty, and staff who knew him as a stimulating pastor, forward looking educator, counselor and friend. Bill Loveless cannot be replaced."

At his death, September 15, 2014, Dr. Loveless left to mourn, his wife, Edna Maye; two daughters—Martie (husband Eric) Olson of Redlands, California; and Marilyn (husband Frank) Howard of Redlands, California; one granddaughter, Laura Olson of Oakland, California; and his sister, Joan Harding.

Dr. Edna Maye Loveless suggests that donations in Bill's memory be made to LLUSD at the Office of Development: 909-558-4754; LLBN, PO Box 550, Loma Linda, CA 92354; or to Calxico Mission School.

ALUMNI STUDENT CONVENTION #55

Student Dedication service

As is the School of Dentistry's practice, on the Friday afternoon of each annual Alumni Student Convention, there is a Student Dedication service.

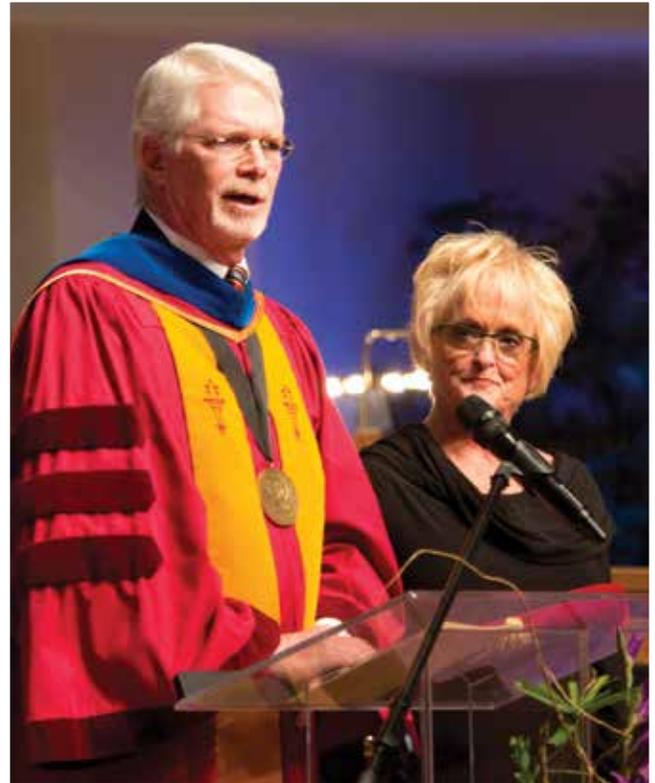
At the February 6, 2015, Dedication Service, there was a prelude (Felix Mendelssohn), a processional (music by Stacey Piontek), a welcome (Provost Ronald Carter, PhD), a prayer (Dean Ronald Dailey, PhD), and "Blessed Assurance" as musical praise (instrumental ensemble: Jed de la Paz, D4, piano; Amy Loreda, DH2 (BS), violin; Steven Debulgado, D1, cello)—all before the address by Pastor Timothy Gillespie, DMin: "Teeth, Time, and the Body of Christ."

Mary Hartwell, manager, Dental Clinics was honored for her 25 years of organizing and directing the annual Clinic With a Heart following its 25th (Silver Anniversary) year.

Pastor Gillespie's brief remarks were consistent with the School of Dentistry's faith, its motto, and the Scripture he cited (1 Corinthians 12) from the Apostle Paul regarding the parts of the body and how each component is essential. He leaned on the Greek word *splagchnizomai* (to be moved with compassion), as he asked the question of the School of Dentistry students, "Did you go into dentistry to be challenged by the oral healthcare disparity you see all around you?"

"Time with your patients is sacred," Gillespie insisted, "because it is the opportunity to make your patients whole."

In closing, Pastor Gillespie indicated his confidence in the student audience by saying, "I want to thank you now for what you will do for your patients."



Dean Ron Dailey, PhD, fetes clinics manager Mary Hartwell.

Either an embossed Bible or a monogrammed white coat was given to 292 students from 26 countries as one by one they crossed the University Church platform.

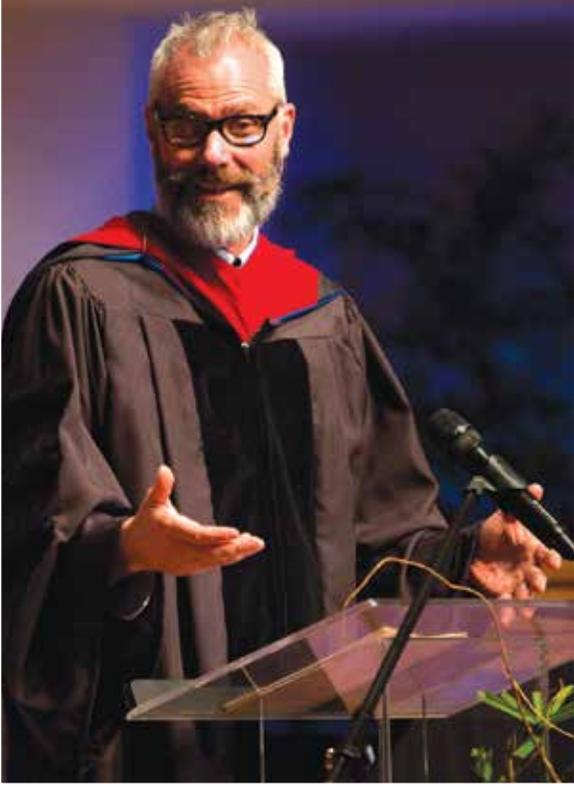
With all students returned to their seats, Gregory Mitchell, DDS'84, assistant professor, Restorative Dentistry, offered a prayer of dedication and Iris Choi, DDS'10, assistant professor, Restorative Dentistry and Alumni Association president, led the students and faculty in a recitation of the dental pledge.

A Steven Debulgado, D1, arrangement of Per Magnusson and David Krueger's "Footprints in the Sand" was rendered by a vocal ensemble comprised of Elaine Bersaba, D1; David Chen, D4; Steven Debulgado, D1; Yonghee Lee, D4; Amy Loreda, DH2; Kayla Perez, D1; Ozzie Rodas, D1; and Brandie Vargas, DH2.

D. Graham Stacey, PhD, associate dean for Student Affairs and Admissions, offered the benediction.



Graham Stacey paces the platform with its white coats and bibles, "checkin' it twice."



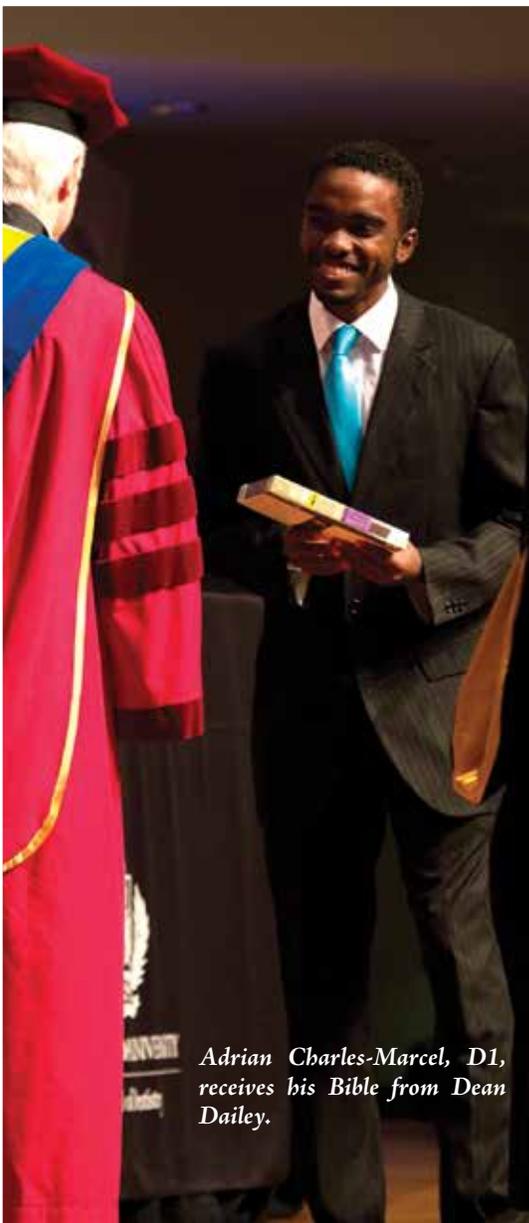
Pastor Tim Gillespie channels St. Paul.



Anthony Marin, D4, dons a white coat.



Amy Loreda, DH2 (BS), receives a white coat from Dr. Greg Mitchell.



Adrian Charles-Marcel, D1, receives his Bible from Dean Dailey.



Meagan Miller, D4, revels in her white coat.



Roxana Salem, IDP1, carries her Bible.



No end of talent from School of Dentistry students as this mixed ensemble demonstrated.

ALUMNI STUDENT CONVENTION #55

The 2015 Alumni Student Convention—a pictorial

The 55th Alumni Student Convention was marked by a significant increase in the degree of dental student participation and involvement with their predecessors.

Fostering the mingling of the almost with the already was the return of a tradition that saw student research posters located on the convention floor accompanied by their authors, the young researchers who enjoyed discussing their projects with alumni.

Furthering this engagement was the attendance of alumni—for continuing education credit—at the oral research presentations of dental and dental hygiene students.

And then there was the first-time institution of a Practice Opportunity Session that provided alumni and students an

occasion to interact face to face—future dentists with alumni practitioners, some of whom have practices for sale or lease, or are merely looking for an associate.

Also new at this Alumni Student Convention was Dean Ronald Dailey's "state of the school" address—a comprehensive presentation that reviewed the condition of the School and previewed his five-year plan of goals and initiatives intended not only to maintain but strengthen its programs and enhance its standing in the dental education community.

Scenes from the enjoyable weekend follow, with so many fun photos left on the cutting room floor (or, rather, in folders on the editor's computer hard drive).



The fourth floor of the Centennial Center presented opportunities for vendors (below), and for conversation and collaboration across generations.





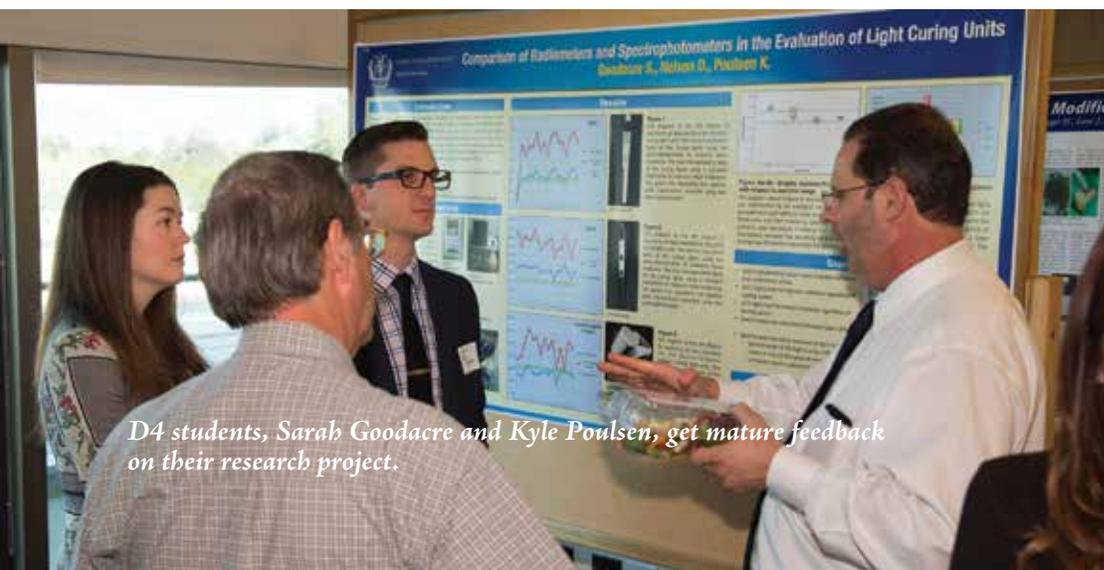
Dean Dailey gives his "State of the School" address on Thursday morning in the Damazo Amphitheater.



Dentistry class of 2016 classmates (L-R) Andrew Correces, Derek Ng, Michael Cervantes, Jonathan Kim, Wesley Arnold, James Fedusenko, Carlos Poni, and Jimmy Tran



Serious minded professionals from the pediatric dentistry residency program were on site to keep things sedate (top to bottom, L-R): Minh-Ky Young, DDS; Ryan Baker, DMD, MPH; Pooyan Nasibi, DDS; Adriana Cuellar, DDS; Amanda Zenthoefler, DDS; Ava Chung, DDS; and Xuan Lam, DMD.



D4 students, Sarah Goodacre and Kyle Poulsen, get mature feedback on their research project.



Dental students discuss real world dental practice possibilities with alumni practitioners during the Practice Opportunity Session on the Centennial Complex fourth floor.



Janet Press, BS, RDH, fellow, Academy of Laser Dentistry present, "The Future Is Now--Let's Talk Lasers," one of 46 scientific sessions offered in various pedagogical spaces in the LLU Centennial Complex.



The class of 1975 reconvened at the home of Merv and Karen Ellstrom in nearby Moreno Valley. Back row: Roger Clawson, Greg Dent, Bob Fritz, Ken Sjoren. Next row: Rick Wells(in light shirt), Bob Hessong, Fred Smith, Ron Chalker. Next row: Rodger Sohn, Bill Wager, Larry Rusk, Merv Ellstrom, Marvin Gee, Kyle Sather. Front row: Richard Jennings, Alvin Dunn, Mike Boyko, Bob Hillock, Dan Tan



Ambiance always graces the Dental Hygiene/Dental Assisting Alumni Luncheon—this time at Riverside's Mission Inn.



Dentistry honor class of 1965 (back row L-R): Eugene Rathbun, Delmer Bond, Merle Hickok, Robert Breckenridge, Thomas Connors, Ted McDow, Ralph Roberts, Ed Roube (DDS'66); front row (L to R): Robert Meckstroth, Alonzo Proctor, James Smith, Marlene Schultz, Howard Munson, Herman Lee, Lane Thomsen



LLUSD medals were presented to each member in attendance from the honor class of 1965. Dean Dailey presents Eloise Neufeld (widow of Robert Neufeld, DDS'65) with the LLUSD medallion as LLUH President Dick Hart, DDS, DrPH, observes. Those waiting in the background are (L-R): Herman Lee, Delmer Bond, Robert Breckenridge, Merle Hickok, Thomas Connors, and Howard Munson.

DENTAL SCIENCE



CDR nearly doubles its research space

Grand opening celebrates the future of scientific research at the Center for Dental Research

There was an enormous red bow on the ground floor, north-facing windows of the east wing of LLU's Chan Shun Pavilion with a poster-sized tag that read, "To the Center for Dental Research team."

The School of Dentistry's 5,631 square foot expansion of dedicated research space in the Pavilion represents the School's largest capital project since the 2011 opening of its dental hygiene Associate of Science degree program for Dental Hygiene in Palm Desert, and nearly doubles the space devoted to its Center for Dental Research.

On the ribbon detail with Yiming Li, PhD, DDS, MSD, associate dean for Research, and director, Center for Dental Research, as he prepares to perform an incision are (L-R) Sean Lee, DDS, professor, Restorative Dentistry, and associate director, Center for Dental Research; Ronald Dailey, PhD, dean, School of Dentistry; and Richard Hart, MD, DrPH, president, LLUH.



The grand opening was celebrated at noon, Tuesday, February 24, in Loma Linda University Health's Wong Kerlee International Conference Center. Many guests arrived from great distances (as far as China) and high station (university and church administrators as well as captains of professions and industries) to witness the future of scientific progress in oral healthcare.

As they dined on what Ronald Dailey, PhD, dean, LLU School of Dentistry, called "good Loma Linda food," he spoke of the "incredible support from the University administration, the School of Medicine, and many other players" that made possible this "very proud day for us."

Dean Dailey recognized a number of VIPs in attendance—including the LLUH Board; General Conference President Ted N.C. Wilson, PhD, MA, MS; and Larry Wu, DDS, director, Center for Dentistry at Sir Run Run Shaw Hospital in Hans Lo, China—before introducing four individuals who addressed the assembled guests: Richard Hart, MD, DrPH, president, LLUH; David R. Williams, PhD, MPH, the Florence Sprague Norman and Laura Smart Norman professor of Public Health, Harvard School of Public Health, professor of African and African American Studies and of Sociology at Harvard University, and chair, Research Affairs Committee of the LLU Board of Trustees; Dan Fisher, DDS'74, founder and president of Ultradent; and the man of the moment, Yiming Li, PhD, DDS, MSD, associate dean

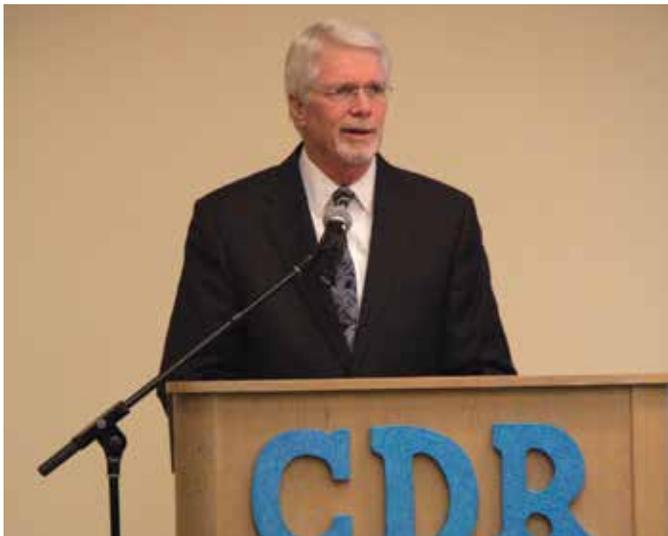
for Research, and director, Center for Dental Research.

"Making changes on a university campus is something like moving a cemetery," President Hart began. "It is accompanied by a lot of discussion and various pressure points that arise. . . . This discussion began with how best to use—what was the highest purpose of—" the east wing of Chan Shun Pavilion's first floor. "It is prime space on campus, as you'll see in a few minutes when we walk through [the new facility]. Its proximity to the School of Dentistry," Dr. Hart said, influenced the decision to expand "Dr. Li's Center for Dental Research [and] give it proper space."

He recalled that the Center for Dental Research had been relegated for nearly 20 years to the old, two-story Loma Linda



The CDR's friends and well-wishers enjoy the food and presentations.



Dean Dailey performed host duties for the CDR grand opening.

Motel. "The floors are uneven, the walls sag," he noted, "and so we appreciate the cooperation of the School of Medicine as we've looked to collaborate on the interface between the two schools."

Dr. Hart gave "special credit to Rod Neal [MBA, senior vice president, Financial Affairs] and Ken Breyer [MA, assistant vice president for construction at LLUS] . . . as they worked through all the dynamics of this" project. But "the one who is really responsible for this," he said, "is Dr. Yiming Li," who has been "for 18 years on this campus and director of the Center for Research since 2002. And if you look at the chart of its growth, you will see a steady climb in the amount of research dollars he has attracted to Loma Linda. Yiming has patiently, steadily built the research enterprise at the School of Dentistry to become truly one of our centers for research excellence on this campus," said Dr. Hart. "So I'm particularly pleased today that we can recognize" his diligence "with the space that we're moving into."



President Dick Hart talked about "prime space on campus."



(L-R): Ronald Dailey, PhD, dean, School of Dentistry; Yiming Li, PhD, DDS, MSD, associate dean for Research, and director, Center for Dental Research; Anthony Zuccarelli, PhD, associate vice president, Research Affairs, and dean, Faculty of Graduate Studies; and Sean Lee, DDS, professor, Restorative Dentistry, and associate director, Center for Dental Research, enjoy a sunlit, new CDR dental operator.

Following a brief introduction by Dean Dailey, Dr. David Williams said the Center for Dental Research "has brought to the University external research funding of well over \$16 million and put Loma Linda University on the map through its national and international collaborations with institutions far and wide."

Dr. Williams elaborated briefly on "why research should be important at a Christian university" saying, when "you participate in the process of research discovery, it provides you with an opportunity to better understand . . . the laws that govern the natural world" and that "reflect the unseen hand and the mighty influence of God. . . . You don't really fully understand Scripture if you don't take the insight that science is in fact shedding on Scripture, and vice versa. . . . Rightly understood,"



Rachelle Bussell, senior vice president for Advancement, LLUH, examines a handout describing the new research Center with (left) Yun Po Zhang, PhD, worldwide director, Global Clinical Studies & Documentation, Colgate-Palmolive, and Jianfeng Ma, PhD, MA, dean, Wenzhou Medical College, Wenzhou, Zhejiang Province, China.



The new Center for Dental Research conference room is fully capable of broad band, international videoconferencing.

Dr. Williams referenced *Counsels to Teachers*, “each sheds light on the other.”

Noting that “our cultural beliefs, values, and assumptions affect the research process” through the “questions we ask” and “how we interpret scientific data,” Dr. Williams said that “a Christian university faces the challenge of a world where there is an explosion of knowledge, where there are gems of truth that lie in close association with error. And the challenge for the Christian researcher is to identify those gems and reset them within a broader framework of the Gospel and of all Christian beliefs.

“So we really have high expectations for the future of this research center,” Dr. Williams concluded.

In a press release announcing the Center’s grand opening, Dr. Li had written, “Research is a key component of our calling, as it enhances the prospect of wholeness.” But it was through remarks by his friend, Dr. Dan Fischer, that the audience learned



Dr. David Williams said, “You don’t really understand Scripture if you don’t take the insight that science is in fact shedding on Scripture, and vice versa.”



The provost and the president (L-R): Ronald J. Carter, PhD, provost, Loma Linda University, and Richard Hart, MD, DrPH, president, LLUH, appear to enjoy the occasion.

a little of Dr. Li’s impoverished background and “how as a young boy, in the ‘50s and ‘60s, he would row his rowboat up the [Yangtze] river to collect the garbage from the restaurants and the like, load it as full as he safely could, and take it back to the family farm for the family’s pigs. . . . But there was something Yiming got from that,” Dr. Fischer emphasized. “Yiming was endowed by his parents with a work ethic.”

The Ultradent founder reminded the audience of the conversation Henry Kissinger and President Richard Nixon began with China’s Chairman Mao Zedong during the early 1970s that resulted in student exchange programs. In the early 1980s, “After three months of extensive testing, Yiming was one of 80-some students chosen to come to America” for the purpose of becoming one of China’s top scientists, Dr. Fischer recalled. “He attended the University of Indiana and studied for his master’s in dental materials under the number one dental materials guru in the world at the time, Dr. Ralph Phillips, and



CDR bridges science and religion with a view of the LLU Church.



Ronald Dailey, PhD, dean, School of Dentistry, listened as Dan Fischer, DDS’74, founder and president of Ultradent said, “I’m honored to be able to speak on behalf of Yiming Li, his lovely bride, Wu, their [CDR] team and what they’ve accomplished.”

then earned a PhD in toxicology materials science.” Yiming came to the United States in 1982, but he could not bring his wife, Wu Zhang, MD, now LLUSD professor, Dental Education Services, with him, Dr. Fischer explained. “Wu was kept in China for three years,” because of the “fear that Yiming might not come home; and, boy, if anything would bring Yiming back home it would be Wu. He was able to travel back and see her in 1985, for the first time in three years. Then he was allowed to come back for another year, again without Wu.”

But their journey had a happy ending. “Thanks to extreme efforts by the University of Indiana, it was made possible for Yiming and Wu to become permanent residents,” said Dr. Fischer. “And then, somewhere in the middle to late nineteen nineties, they both obtained their [American] citizenship.”



Center for Dental Research laboratory staff and visiting scholars surround (fourth from left) Wu Zhang, MD, professor, Dental Education Services, and also Mrs. Yiming Li.



Ted N.C. Wilson, PhD, MDiv, MS, president, General Conference of SDA, tours the Center for Dental Research’s new facility, followed by Lowell C. Cooper, MDiv, MPH, general vice president GC of SDA, and chair, LLUH Board of Trustees, and other LLUH board members.

Dean Dailey added to Dr. Fischer’s personal remarks some details about Dr. Li’s professional life. “One of the noteworthy characteristics of Yiming that I’d like to point out (and accomplishments) is that he has not only been an exemplary colleague but he’s also been a mentor and friend to faculty and students in the School of Dentistry for the past 18 years. During his tenure at Loma Linda, he has involved numerous clinical faculty in research projects that have enabled them to apply successfully for a promotion in academic rank. In addition he has helped build the student and resident research programs to a level that has helped our students to garner many state and national awards.”

After listing, among other accomplishments, Dr. Li’s “110 articles and book chapters, [and] 169 abstracts dating back from 1981 to the present,” Dean Dailey said, “Dr. Li stands with us today marveling at the third millennium instruments in this strategically calculated laboratory, anticipating the



Hallway view of sunlit operator



Yiming Li, PhD, DDS, MSD, associate dean for Research, and director, Center for Dental Research, thanks Gyasi Haynes, project superintendent, Department of Construction and Architectural Services, for putting up “with numerous requests and some of them not that reasonable.”

breakthroughs in the oral healthcare professions that he and his colleagues are now even more likely to achieve.”

“Yiming, you are a good friend and a splendid colleague,” Dean Dailey concluded.

“We are celebrating the new dedicated research space designed to house cutting-edge, state-of-art equipment and technology that will help our School sustain its top-tier ranking in dental education, patient care and research,” Dr. Li began.

Touting LLUSD’s “remarkable legacy of research and



Ronald Dailey, PhD, dean, School of Dentistry, center, poses with (L-R) Jianfeng Ma, PhD, MA, dean, Wenzhou Medical College, Wenzhou, Zhejiang Province, China, and Larry Wu, DDS, director, Center for Dentistry, Sir Run Run Shaw Hospital, Hangzhou, China.

profession-advancing innovations,” the Center’s director referenced a number of stellar examples: Dr. Niels Jorgensen’s invention of the first intravenous sedation technique in dentistry; a refractory mold material, innovated by Drs. Lloyd Baum and Melvin Lund, that made possible accurate casting of gold crowns without the removal of a wax pattern from a die; Dr. Baum’s development of powdered gold to enhance the ease and cost-effectiveness of gold-foil fillings; Dr. Robert James’ groundbreaking technique that used radiographic data from a CT scan to create a 3-D replica of jawbones; Dr. Philip Boyne’s pioneering work on bone grafts and the use of inert materials to replace missing bone that achieved international recognition; his pioneering use of a cytokine (BMP-2) for bone grafting in



L-R: Dan E. Fischer, DDS, president/CEO, Ultradent Products, Inc.; Joseph Caruso, DDS, MS, MPH, associate dean, Strategic Initiative and Family Practices, LLUSD; Jaleena A. Fischer-Jessop, DDS’02, private practice, Sandy, Utah; Kitchai Rungcharassaeng, DDS, MS, professor, Advanced Specialty Education Program in Orthodontics and Dentofacial Orthopedics, LLUSD.



Yiming Li, PhD, DDS, MSD, associate dean for Research, and director, Center for Dental Research; Jianfeng Ma, PhD, MA, dean, Wenzhou Medical College, Wenzhou, Zhejiang Province, China; Yun Po Zhang, PhD, worldwide director, Global Clinical Studies & Documentation, Colgate-Palmolive; and Larry Wu, DDS, director, Center for Dentistry, Sir Run Run Shaw Hospital, Hangzhou, China.



Joseph Caruso, DDS, MS, MPH, associate dean, Strategic Initiative and Family Practices, LLUSD (fourth from left), congratulates Yiming Li, PhD, DDS, MSD, associate dean for Research, and director, Center for Dental Research (second from left), as (L-R) Jianfeng Ma, PhD, MA, dean, Wenzhou Medical College, Wenzhou, Zhejiang Province, China; Wu Zhang, MD, professor, Dental Education Services, LLUSD (also Mrs. Yiming Li); Yun Po Zhang, PhD, worldwide director, Global Clinical Studies & Documentation, Colgate-Palmolive; and Larry Wu, DDS, director, Center for Dentistry, Sir Run Run Shaw Hospital, Hangzhou, China, look on.

animal research, and then, with Dr. Alan Herford, its use in humans; Dr. Herford’s advancement of a special transport device for use with distraction osteogenesis that permits bone to be generated using the body’s own response to an injury; and the mineral trioxide aggregate (widely known as MTA) invented by Dr. Mahmoud Torabinejad, which helps save teeth that would otherwise be lost, as well as his development of BioPure, an endodontic disinfectant that enhances the success of root canal treatment.

Dr. Li said he “was fortunate to be part of the founding team that worked with Dr. Carlos Munõz, the first director of the Center,” and asked him to stand with his wife, Jenny. He noted that “the Center’s faculty and staff have conducted around 80 clinical trials and more than 400 laboratory projects sponsored by industry, foundations, and government that total more than \$16 million in external funding.”

Recognizing “that any space is a premium here,” Dr. Li said, “As we revel in the opportunities this new facility provides, we are mindful of the generosity of our benefactors and the leadership of the University and our School. . . . [And] we are thankful to our sponsors, for their continued partnership in supporting our research endeavors.

“We are also honored to have collaborators not only in the United States but also a number of other countries, including



Some of CDR’s ten scientific laboratory benches

several NIH-funded and industry-funded international studies in 11 countries and more than a dozen laboratories all over the world. Now we have just finished our first research project with Sir Run Run Shaw Hospital in Han Lo, China, that actually was supported by Ultradent.”

Dr. Li said he was “fortunate to have a capable and willing team at the Center who for all these years always make diligent efforts to ensure the highest quality and timely completion of projects,” and asked them to stand and be recognized.

He also expressed “appreciation for the support we have received from the University Research Affairs Offices, including the IRB for human study, IACUC for animal projects, Contracts and Agreements, Intellectual Properties, Grants Management, and Animal Facilities. Your assistance has been vital to our Center’s success.” And he acknowledged the “endurance and patience” of “Mr. Gyasi Haynes [project superintendent, Department of Construction and Architectural Services] who we would like to thank . . . for getting the work done so nicely.”

Dr. Li closed with a promise to those who had any part in bringing about the Center’s new facility: “We the faculty and staff who work in this Center will endeavor each day to honor the trust you have placed in our informed diligence and will continue to try our best to strive for excellence.”

With the dining and speaking done, Dr. Li provided guests with a tour of the pristine new Center, with its ten fully equipped scientific lab benches, five latest iteration dental operatories, eight instrumentation rooms, one hi-tech conference room, and six offices—all of that and a 300-yard view north to the Centennial Complex and beyond to the impenetrable San Bernardino Mountains.

2015 MASTER ESTHETIC DENTISTRY CONTINUUM

September 13, 2015 - June 6, 2016



Loma Linda University Division of Continuing Dental Education is pleased to present the Master Esthetic Dentistry Continuum (MEDC). The 2015 MEDC offers 250 hours of lectures, hands-on workshops, online sessions, case presentations, and literature reviews.

The 10-month program (1.5 on-site days per month) provides participants with the most up-to-date information, techniques, experience, and knowledge from some of the most sought after experts in the field of esthetic dentistry. The curriculum is designed to prepare the participants to take the International Academy for Dental Facial Esthetics/International Academy of Cosmetic and Esthetic Dentistry Fellow Membership Examination.

The unique program takes a systematic and interactive approach to esthetic and cosmetic dentistry through evidence-based case presentations.

This comprehensive Continuum covers contemporary esthetic and restorative dentistry—from the latest materials to photographic skills to digital patient presentations—and will provide an in-depth review of esthetic therapies and treatments for immediate application to your dental practice. It will familiarize participants with the latest equipment, materials, and techniques and provide in-depth, hands-on training in the latest treatment options and modalities. Participants who attend the June 6, 2016, session will participate in case presentations.

The fundamental objective is to have each participant leave the Continuum with the ability immediately to apply the esthetic, restorative, and operative skills acquired through the lectures and workshops. Participants will obtain confidence, knowledge, and techniques with which they can expand their patients' esthetic dentistry options.

COURSE DIRECTORS

SPEAKERS AND TOPICS



**Viviane S. Haber, DDS
FACD, FIADFE, FPFA**

Assistant Professor
Restorative Dentistry
Loma Linda University
School of Dentistry



**Peter S. Young, DDS
FAGD, FIADFE**

Assistant Professor
Restorative Dentistry
Loma Linda University
School of Dentistry

Credit: 250 hours of CDE credit
Tuition: \$13,950 per person
Deposit of \$7,000 required to confirm registration; remaining amount due by **September 1, 2015.**
Location: Loma Linda University School of Dentistry

For more information call **909-558-4685** or visit **www.dentistry.llu.edu**



LOMA LINDA UNIVERSITY
School of Dentistry

ON-SITE

(ALL DAY SUNDAY AND HALF DAY MONDAY)

**Nicholas C. Davis, DDS,
MAGD, FAACD, FIADFE**
September 13 and 14, 2015
Smile Design, Indirect Restorations

Stephen R. Snow, DDS, FAAED
October 4 and 5, 2015
*Mastering Digital Dental Photography:
Cameras, Computers, and Consultations*

**George Freedman, DDS,
FAACD, FACD, FIADFE**
November 1 and 2, 2015
*Dental Materials and Techniques:
New and Improved*

Fay Goldstep, DMD, FACD, FIADFE
November 1 and 2, 2015
*Diagnostics, Bioactive Materials and
Remineralization*

**Joyce L. Bassett, DDS, FAGD,
FAACD, FICDE**
December 13 and 14, 2015
*Aesthetics Built to Last: The Synergy
of Esthetics and Function in All
Ceramic and Composite Applications*

**Ziv Simon, DMD,
MSc, Dip.ABP**
January 24 and 25, 2016
*Soft Tissue Esthetics and Essential
Periodontal Procedures*

**David Hornbrook, DDS, FAACD,
FACE**
February 21 and 22, 2016
*Porcelain Veneers: Plan, Prep and
Provisional*

March 13 and 14, 2016
*Porcelain Veneers: Lab
Communication and Cementation*

Joseph Kan, DDS, MS
April 10 and 11, 2016
*Decoding Anterior Implant Esthetics:
The Ortho-Perio-Restorative
Connection*

**Corky Willhite, DDS,
FAGD, FACD, FAACD**
May 15 and 16, 2016
*Anterior Composites and Transitional
Bonding: Non-traditional Composite
Restorations for Major Occlusal and
Esthetic Changes*

Steve J. Anderson
June 5, 2016
*The Art and Science for Case
Presentation*

**Peter S. Young, DDS
FAGD, FIADFE**
June 5, 2016
Being a Dental Leader

ONLINE

(90 MINUTE EVENING SESSIONS)

Steve J. Anderson
*The Art and Science for Case
Presentation*

Mark Estey, DDS
*Removable Partial Dentures and
Esthetics*

**Viviane S. Haber, DDS, FACD,
FIADFE, FPFA**
Color Character

Jim McGuire, CDT
Shade Selection

Steven R. Snow, DDS, FAAED
Simulation as a Diagnostic Tool

Marilyn Ward, DDS, FAGD
Teeth Whitening

Gerald Denehy, DDS, MS
*Direct Realignment - A Conservative
Alternative to Orthodontics*

Dan E. Fischer, DDS
Adhesive Dentistry

John Kois, DMD, MSD
The Kois Dentofacial Analyzer

Nelson A. Rego, CDT
Which Ceramic When

**Richard Trushkowsky, DDS, FAGD,
FICD, FACD, FADM, FPFA**
*Pathways for Restorative Success:
Class II Composite Resins and
Cements*

Student research winners from 2015

Attendees of the 55th School of Dentistry Alumni Student Convention at the Loma Linda University Centennial Complex enjoyed the opportunity on February 5 of witnessing the annual research project presentations initiated months earlier under the guidance of faculty mentors by third-year dental students and senior dental hygiene students. Alumni had the opportunity not only to be reminded of their own table clinic experiences but also to acquire continuing education credits by viewing all the student research presentations and completing the table clinic questionnaire.

LLUSD Dean Ron Dailey, PhD, was “pleased to congratulate each of the student research teams that presented their findings at the Alumni Student Convention. Their hard work and the oversight of their faculty mentors was recognized by the alumni, faculty, and students who attended.”

Robert Handysides, DDS’93, associate dean for Academic Affairs, on behalf of the research course faculty, mentors, and student participants, expressed his appreciation for the various kinds of support that the students’ research efforts

received from Yiming Li, PhD, DDS, MSD, associate dean for Research, and the Center for Dental Research that he directs—oversight for IRB applications, project conduct protocols, laboratory facilities, and financial support for printing, catering, and nearly \$5,000 in prize money.

The 15 research presenting teams listed and pictured below were selected by a panel of judges to present their research projects at annual meetings in Boston for the American Dental Education Association (March 7-10) and the International Association for Dental Research (March 11-14), as well as to compete for awards at the California Dental Association and California Dental Hygiene Association student table clinic competitions on May 1 in Anaheim.

Student Research presentation judges

- Les Arnett, DDS, MS’68, professor, Department of Periodontics
- Heidi Christensen, DDS’83, MS, chair, Department of Oral Diagnosis, Radiology, and Pathology
- Mark Estey, DDS’98, associate professor, Department of Restorative Dentistry
- Wendy Gregorius, DDS’07, MSD’11, assistant professor, Department of Restorative Dentistry
- Dwight Rice, DDS’96, associate professor, Department of Oral Diagnosis, Radiology, and Pathology
- Erin Stephens, DDS’10, assistant professor, Department of Oral Diagnosis, Radiology, and Pathology
- Robert Walter, DDS’99, MSD, associate professor, Department of Restorative Dentistry
- John Won, DDS’05, assistant professor, Department of Restorative Dentistry
- Debra Zawistowski, BS’05 (RDH), assistant professor, Department of Dental Hygiene
- Scott Peterson, account manager, Johnson & Johnson Healthcare Products



A quartet of student researchers works the judges.



Student research presentation judges (L-R): Drs. Erin Stephens, Wendy Gregorius, Mark Estey, John Won, and Dwight Rice



Dentistry, Scientific Category, First Place

Students: Ga Yeun Lee, Alvina Chow, Daniel Choi

Difference in the Prevalence of the Second Mesio Buccal Canal Between Caucasian and Malaysian Maxillary First Molars

Mentor: Dr. Mahmoud Torabinejad



Dentistry, Scientific Category, Second Place

Students: Nicholas Oster, David Bowen, Sally Kim, Joseph Kim

The Efficacy of Pressure Cookers for Sterilization

Mentor: Dr. Doyle Nick



Dentistry, Scientific Category, Third Place

Students: Preston Stewart, Brett Jessen, Colby Haines

Third Molar Orientation and Periodontal Pathology

Mentor: Dr. Greg Mitchell



Dentistry, Clinical Category, First Place

Students: Kari Mann, Alexander Reimann

The Association of Oral Erosive Lichen Planus with the Occurrence of Thymomas

Mentor: Dr. Susan Richards



Dentistry, Clinical Category, Second Place

Students: Brian Park, Greg McEwen, Douglas Nyakundi

Current Trends in Direct and Indirect Restorations Placed at LLUSD

Mentors: Dr. Iris Choi and Dr. Wendy Gregorius



Dentistry, Clinical Category, Third Place

Students: Maria Hadi, Theresa Baldwin, Natalie Sayegh, Clara Mora

Patient Awareness of Oral Cancers and the Role of Dentists in Increasing Patient Knowledge

Mentor: Dr. Susan Richards



Dentistry, Community Category, First Place
Students: John Buie, Michael Cervantes, Paul Quinto, Michael Cooley
Factors Influencing Oral Health Disparities in the Inland Empire
Mentors: Dr. Iris Choi and Dr. Wendy Gregorius



Dentistry, Community Category, Second Place
Students: Mainer Flores, Martina Mikhail, Ashley Akins, Ellen Park
Particulate Matter, Air Pollution, and Oral Health
Mentor: Dr. Dezireh Sevanesian



Dentistry, Community Category, Third Place
Students: Steven Sohn, Andrew Correces, Gaetan Tchamba
Knowledge and Perception of Photofunctionalization of Titanium Dental Implants: A Cross-Sectional Study Among Dentists
Mentor: Dr. Erik Sabl



Dentistry, Community Category, Fourth Place
Students: Brandon Soelberg, Urie Lee, Carlos Poni, James Fedusenko
Is There a Correlation Between the Amount of Evidence Presented to Dental Students and the Quality of their Dental Work?
Mentor: Brian Nový



Dental Hygiene student research, First Place
Students: Emily Pool, Kelsey Johnson, Brittny Koepsell
Transference of Bacteria by Way of Periodontal Probing
Mentors: Associate Professor Marilyn Heyde and Dr. Eric Chen



Dental Hygiene student research, Second Place
Students: Stephanie Karn, Jaeok Kim, Susannah Diaz
The Abrasiveness of Novel Gel on Dentin and Composite Resins as Compared to Conventional Dentifrice
Mentor: Assistant Professor Shelley Hayton



Dental Hygiene student research, Third Place

Students: Audrey Alcantara and Kristen Schwieterman with their mentor (center)

Water Flosser vs Dental Floss and Its Efficacy on Plaque Removal

Mentor: Associate Professor Shirley Lee



Dental Hygiene student research, Alternate One

Students: Haley Mohn, Angelica Daksla, Kelsey Nanchy, Kira Merritt

Effectiveness of Wear Indicator Cards in Deciding When to Replace Ultrasonic Inserts

Mentor: Assistant Professor Shelly Withers



Dental Hygiene student research, Alternate Two

Students: Ani Alexander, Lala Dasardareh, Argineh Gherzian, and Carolin Gharabeki with their mentor (center)

Coffee and Oral pH

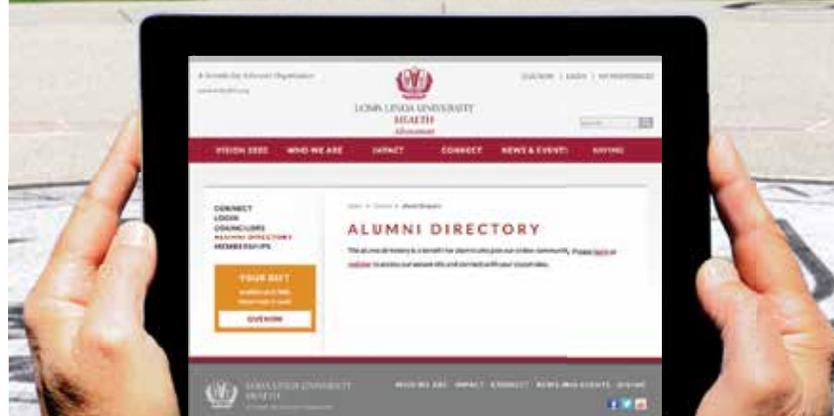
Mentor: Associate Professor Shirley Lee

VISIT US ONLINE!

lluhealth.org/alumni-directory

Log in to our new online directory and reconnect with your classmates!

- Gain access to our private, password-protected alumni community.
- Search our extensive, easy-to-use alumni database.
- Learn about Loma Linda University Health's latest updates and events.



LOMA LINDA UNIVERSITY HEALTH

LLUSD NEWS

LLUSD researchers take Boston

Just days after the grand opening of the large and pristine addition to LLU School of Dentistry's Center for Dental Research (CDR), a significant contingent of four student and twelve faculty researchers from the School and its CDR, led by Yiming Li, DDS, PhD, MS, associate dean for Research, assembled at the John B. Hynes Veterans Memorial Convention Center in the heart of Boston's historic Back Bay neighborhood (March 8-14) to

display posters and make oral presentations at the IADR/AADR/CADR annual meetings.

Fifteen posters and presentations made by LLUSD researchers at the annual research-oriented conclave in Boston are memorialized in the adjacent box. The name of the lead author for each poster or presentation is underlined.



Dean Ron Dailey, PhD, enjoys hanging out with members of the School of Dentistry's research team in Boston (L-R): D3 students Carlos Poni, Brandon Soelberg, and Urie Lee; Ronald Dailey; Yiming Li; and James Fedusenko.

LLUSD oral presentations and posters

Cone-Beam-Computed-Tomography and Conventional-Radiographs in Maxillary Impacted-Canine Localization and Root-Resorption Detection: Systematic-Review E. Eslami; Y. Parhizkar; J. Kim; H. Barkhordar

Effect of Surface Cleaning on Maxillary Anterior Tooth Shade Y. Li; A.R. Elias-Boneta; L.R. Mateo; Y. Zhang; E. Delgado; S. Miller; M. Morrison

United States Hospitalizations Associated With Oral Health Related Conditions and Mortality Rates Among Insured and Uninsured I. Choi; W. Gregorius; U. Oyoyo

Mandibular Fracture Complication Rates Between Acute vs Delayed Treatment U.K. Lee; B. Soelberg; J. Fedusenko; C.S. Poni; J. Thakker; P. Shiffler

Association of Mandibular Fracture Reduction With Timing of Surgical Intervention B.J. Soelberg; U.K. Lee; C.A. Poni; J. Fedusenko; J. Thakker; P. Shiffler; U. Oyoyo;

Efficacy of Dental Irrigants and Combinations Against *E. Faecalis* and *C. Albicans* R.M. Aprecio; W. Zhang; U. Oyoyo; Y. Li

iBOND Self Etch and GLUMA, A 72-Month Clinical Evaluation S.S. Lee; C. Roggenkamp; V. Chee; M. Arambula; L. Wei; Y. Li

Incision Design/Flap Closure to Reduce Incidence of Alveolar Osteitis J. Elo; R. Tandon; H. Singh; H. Sun

Influence of UCLA Abutment and Screw Height on Esthetic Implant Placement J. Kan; C. Zambrano Martinez; K. Rungcharassaeng; P. Yuenyongorarn

Gingival Inflammatory Biomarkers in Hypertensive African Americans With/Without Periodontitis A. Khocht; T. Rogers; U. Oyoyo

25-hydroxyvitamin D3 Mediates RAGE Signaling in Human Oral Keratinocytes D. Zhang; Q. Wang; W. Zhang; R.M. Aprecio; X. Wei; X. Liu; Y. Li

Cln2 in L929 Cells Resistant to High Concentrations of Fluoride B. Liu; L. Wei; R.M. Aprecio; X. Liu; W. Zhang; Z. Zhong; Y. Li; W. Jiang

Improved Dental Student Laboratory Performance After Evidence-Based Introduction J. Fedusenko; C.A. Poni; B. Soelberg; U.K. Lee; G. Olson; U. Oyoyo; B. Novy

Efficacy and Safety of Intranasal K305 in Anesthetizing Maxillary Teeth E.V. Hersh; A. Pinto; M. Sarahgi; N. Saleh; L. Pulaski; S.M. Gordon; D.M. Barnes; G. Kaplowicz; I. Bloom; M. Sabti; P. Moore; S. Lee; M. Meharry; Y. Li

Effect of Occlusal Interferences on Orthodontic External Root Resorption - Part II Mohamed Karkuri; Bert Chan; Anne Chan-Ly; Tongxin Liu; Malvin Janal; Tetsuro Kameyama; Rodrigo Viccilli



Wu Zhang, MD, professor and director, Research Services; Raydolfo Aprecio, OD, research associate; Sean S. Lee, DDS, professor, Restorative Dentistry, and associate director, CDR, and director, Clinical Research.



Caty Zambrano, an observer from Mexico, poses in front of a poster presentation by J. Kan; C. Zambrano Martinez; K. Rungcharassaeng; and P. Yuenyongorarn

PNAM–augmented cleft lip and/or palate repair alumni celebrate with reunion



PNAM alumni and parents

LLU School of Dentistry celebrated five years of cleft lip and/or palate corrections with an October 24, 2014, reunion of the preschoolers who have benefited by the procedure known as Pre-surgical Nasal Alveolar Molding (PNAM).

It was a gathering of alumni, five years old and younger, at Loma Linda University Health’s Centennial Center, surrounded by their loved ones and members of the LLU School of Dentistry Department of Pediatric Dentistry and the Loma Linda University Children’s Hospital Craniofacial team that is enabling these children to mature without the stigma of a facial deformity.

Led by the School of Dentistry’s Jung-Wei Chen, DDS, MS, PhD, professor and program director, Advanced Specialty Education Program in Pediatric Dentistry, they assembled to celebrate the success of 84 PNAM-augmented unilateral and bilateral cleft lip and/or palate repairs with nearly half of the young patient alumni who received the treatment.



PNAM retainer



Dr. Chen with PNAM alumnus Chassity Carreno



Taciturn PNAM alum, Isaq Akhlaghi, with his proud parents

PNAM is an advanced pre-surgical orthopedic treatment that employs an orthodontic-retainer-like device to enhance the effectiveness of surgery and reduce the number of surgeries required to achieve a functionally and cosmetically satisfying correction.

The festive three-hour reunion brought together parents and children who have surmounted the disabling birth defect of a

cleft palate and/or cleft lip that unrepaired leaves the victim badly disfigured, unable to nurse normally, with badly impaired speech potential, and particularly susceptible to infections of the ear, nose, and throat.

To see these children toddling around having their faces painted, throwing bean bags for prizes, decorating pumpkins, enjoying healthy snacks, and towing balloons, it would require a forewarned observer to realize these children were anything but a typical group of preschoolers.

The first two hours were devoted to fun and informal visits between parents who have been through the similarly disheartening trauma of seeing their newborns appear significantly disfigured. There were also reunions between the parents and the pediatric dentistry and craniofacial team members who have supported them through the extended



PNAM alumnus Esmerelda Sotelo in the arms of her mother



President Richard Hart, MD, DrPH, visits with Noah Thronson.

PNAM process and surgeries that have restored their children to normal function and appearance.

At 11:00 a.m., the adults were seated and welcomed formally by LLUH President Richard Hart, MD, DrPH, and School of Dentistry Dean Ron Dailey, PhD. Dr. Chen then hosted the opportunity for several of the families to take the microphone and share their emotions of disappointment and ultimate elation, as their babies have blossomed under the restorative procedures and emotionally supportive care of the pediatric dentistry contingent and craniofacial team. Among those who spoke so eloquently were Margaret Thronson, mother of Noah Thronson; Melissa Vega, mother of Aubryana Vega; Caasi Lee Bartle, mother of Micaela Drury Bartle; Melissa Ann Youkhanna, mother of Jacob Youkhanna; Nancy Lomberra, mother of Andrew Granda; and Martha Flores, mother of Logan Flores.

Maria Ramos, mother of Shawnee Ramos, was the last parent to speak. She and her husband, Tommy, founders of



Maria Ramos watches as Dean Ron Dailey presents her daughter, Shawnee, an award.

Shawnee’s Smiles, provided each PNAM alumnus a sturdy canvas tote bag that contained a three-ringed binder with dividers devoted to various records and appointments with all craniofacial specialists, a cleftline.org stuffed bear, and several other essential items. Since its founding in 2008, Shawnee’s Smile has sponsored many families in the Inland Empire that could not afford the specialized bottles and feeding systems essential to feeding their babies born with cleft lip and/or palate.

Kate Yist, mother of Jake Yist and founder in 2010 of Tiny Wide Smiles – Doll Clinic, donated seven gift dolls with craniofacial anomalies for the winners of the PNAM alumni drawing.

Annie Wallace contributed generously to the Loma Linda Craniofacial Team Center providing specialized bottles and feeding systems for cleft lip and/or palate babies and other valuable resources.

School of Dentistry clinicians and administrators hope to create a PNAM alumni support group for cleft lip and cleft palate patients and their families. In the meantime, the reunion photos taken of the young alumni with their families have been posted on the Internet.

The School of Dentistry’s Department of Pediatric Dentistry is one of only three providers in Southern California (and the only one in the Inland Empire) that offers the greatly reduced number of surgeries and improved esthetic outcomes that PNAM makes possible.



Face painting fun

Cleft lip and/or cleft palate are among the most common birth defects in the United States, with approximately 4,440 cleft-lip babies born in the United State each year with or without a cleft palate. Pre-surgical orthopedic treatment of the cleft lip and palate has become the treatment of choice for a growing number of craniofacial teams that have seen the benefits of using a nasal alveolar molding appliance prior to surgical lip repair. The PNAM appliance not only molds the affected intra-oral and extra-oral structures, but also provides nasal support to mold the infant’s collapsed nostrils.

Additional information about PNAM may be obtained by calling the LLU School of Dentistry’s Department of Pediatric Dentistry at (909) 558-4689, by emailing jwchen@llu.edu, or by reading online an article by Dr. Chen detailing the PNAM procedure at: <http://tinyurl.com/I9lnwlf>



A basket of Tiny Wide Smile dolls

Clinic With A Heart celebrates its silver anniversary

It was a dark and rainy morning, but 208 adults and 14 children received free dental care on Sunday, January 11, 2015, at the Loma Linda University School of Dentistry's (LLUSD) student clinics, during the School's annual Clinic With a Heart.

It was the silver anniversary for this event during which the School most visibly demonstrates its motto, "Service is our calling," by delivering as much dental care as its faculty and students can provide needy members of the surrounding community on one Sunday each January.

Drawn by the local press and social media, those who lined up outside of Prince Hall in the dark received a complete dental screening, and either teeth cleanings, fillings, or (in too many cases) extractions.

The *Riverside Press Enterprise* reported on three senior citizen "residents of the Little Sisters of the Poor board and care facility in San Pedro" who "hired a taxi to bring us to this dental clinic this morning," one of them explained. "Round-trip will cost us \$200, but for us it is a wonderful thing," she added.

Because this Clinic With a Heart experienced an unusually high clinician-to-patient ratio, a five-year-old with bombed out essential maxillary incisors, Jay'len Lacey, godson to Jesonjia Haynes, supervisor for central sterilization, received unexpected attention from graduate students in pediatric dentistry and left with three capped front teeth that a grateful relative said matched the originals perfectly.

Clinic With a Heart is a joint effort of volunteers organized each year by the School's clinic management team under the direction of Mary Hartwell, dental clinics manager—from the staff members who manage the crowd, the outdoor heaters, the security, and patient sign-up to the nursing students who take patients' blood pressure; to the dental assistants, dental hygienists, and dental students (pre- and post-doctoral) who treat the patients; to the clinical faculty who oversee the quality of care. For the event to succeed requires committed volunteers from every aspect of dental care delivery. "Without every piece of the mosaic," as one participant put it, the event would collapse.

This January there were 513 volunteers who served 222 patients—a comparatively low turnout due to inclement weather. Since its beginning in 1990, 25 years of Clinic With a Heart has provided \$618,879 in dental services, with this year's volunteers adding \$26,573 to the total.

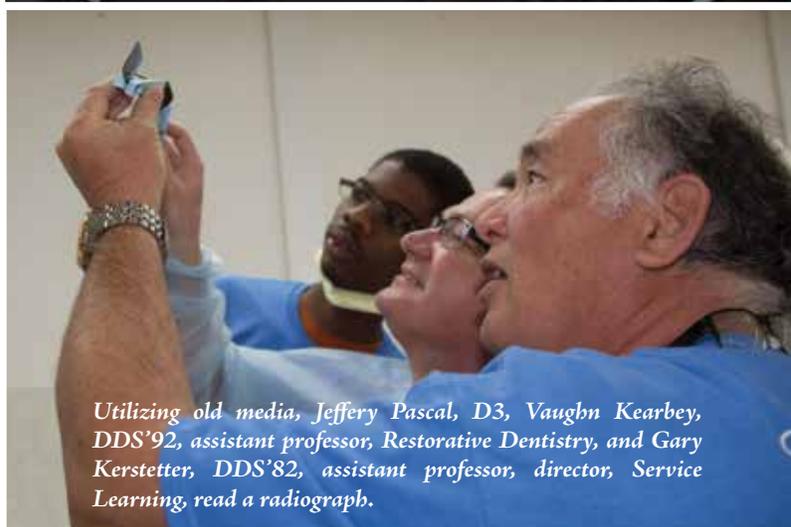
Each year Proctor & Gamble provides custom Clinic With a Heart T-shirts for all volunteers, along with oral healthcare kits for each patient, and \$1,000 to the Department of Pediatric Dentistry's Children's Dental Health Fund.



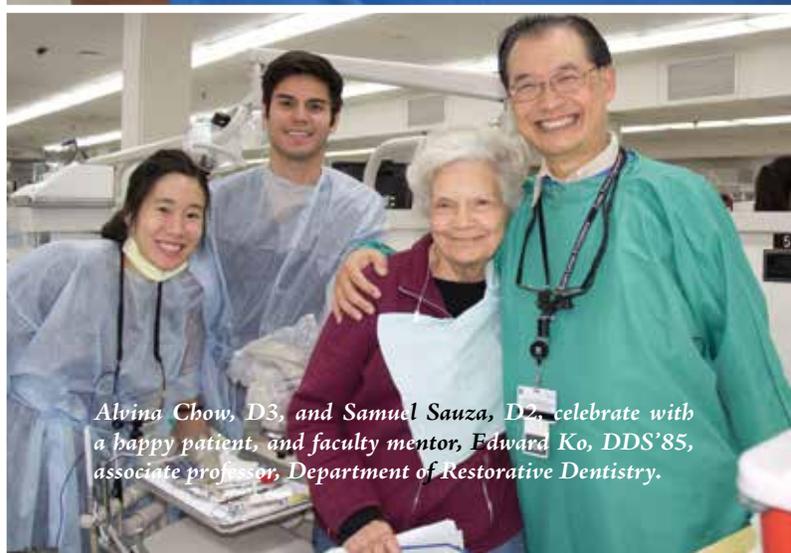
Sheltered patients wait for dawn.



LLU School of Nursing volunteer takes patient blood pressure.



Utilizing old media, Jeffery Pascal, D3, Vaughn Kearbey, DDS'92, assistant professor, Restorative Dentistry, and Gary Kerstetter, DDS'82, assistant professor, director, Service Learning, read a radiograph.



Alvina Chow, D3, and Samuel Sauza, D2, celebrate with a happy patient, and faculty mentor, Edward Ko, DDS'85, associate professor, Department of Restorative Dentistry.

Susan Roche honored with AHS Fellowship



Dr. Susan Roche

Susan Roche, DDS'93, MS, MA, associate professor, Department of Oral Diagnosis, Radiology and Pathology, was elected as a fellow of the American Headache Society (AHS) at the Society's annual symposium November 2014 in Scottsdale, Arizona.

Founded in 1959, AHS is a professional society of health care providers dedicated to the study and treatment of headache and face pain.

Fellowship in the Society reflects acknowledgment by peers of high professional and scholarly achievement, integrity, outstanding professional maturity, and superior competence.

Composed primarily of neurologists, AHS members include only 5 percent orofacial pain dentists, and less than half-a-dozen orofacial pain dentists have been made fellows by the Society. Dr. Roche is the first faculty member from the School of Dentistry to be so honored. She has been on the LLUSD faculty (and an AHS member) for 20 years and has attended, since 1995, every annual AHS Symposium.

Joo and Poulsen awarded ADA Foundation grants

LLU School of Dentistry class of 2015 dental students Jason Joo and Kyle Poulsen each have been awarded \$5,000 grants by the American Dental Association Foundation to assist with their continuing efforts to deliver oral healthcare to the underserved.

Both Joo and Poulsen have been especially active in the School's service learning programs. Poulsen was granted the American Dental Association Foundation's E. "Bud" Tarrson Dental School Student Community Leadership Award and Joo was chosen to receive the Dr. Thomas J. Zwemer Award. It is the first time that students from the same dental school have received both of these ADA Foundation awards in the same year.

"Kyle Poulsen and Jason Joo have led by example--organizing, planning, and operating their teams of student volunteers," says Graham Stacey, PhD, associate dean, Admissions and Student Affairs. "And a behind-the-scenes contributor to the student's awards," he added, "is Irmgart Mitchell, director of Student Services, who pursues scholarship opportunities for students and encourages them to apply."

Both Joo and Poulsen are quick to give props to deserving classmates and faculty and privately practicing dentist mentors for their ability to qualify for these awards.



Award winners Kyle Poulsen (left) and Jason Joo

The Tarrson and Zwemer awards recognize excellence in providing oral healthcare services to underserved populations. The Tarrson Award supports service programs that take place within the United States, while the Zwemer Award aids efforts to provide dental services outside of the country.

LLU School of Dentistry's service learning project in Valle de Angeles, Honduras, will benefit from the \$5,000 Zwemer Award, while its Compassion Clinic services in Redlands, California, will be supported by the \$5,000 Tarrson Award.

"The School of Dentistry is pleased and proud to have students whose activities have earned the respect of the American Dental Association and these two very prestigious awards," said Ronald Dailey, PhD, dean, Loma Linda University School of Dentistry.

"Service is our calling," is the School's motto, and these students certainly exemplify that calling," he added.

IDP 2015 notches 100 percent first-time WREB pass



IDP class of 2015 gathered for a photo in 2014 after the Student Dedication service.

Twenty-two out of 22 members of the International Dentist Program Class of 2015 passed the Western Regional Exam Board (WREB) on their first attempt. Two other students from the 24-member class passed the North East Regional Board (NERB) on their first attempt.

The School of Dentistry's IDP classes frequently have a 100 percent pass rate, although on occasion some students need to retake the exam to achieve that goal. The most recent past IDP class to achieve a 100 percent pass on its first sitting was the class of 2010.

To put their achievement in perspective, in 2012 the overall pass rate for WREBs taken was 81 percent. (This measure indicates first-time WREB takers were successful less than 81 percent of the time.) But measured by individual candidates (which includes repeat exam taking), the 2012 WREB pass rate jumps to 95 percent.

The diverse class of 2015 includes students from 16 different countries and is

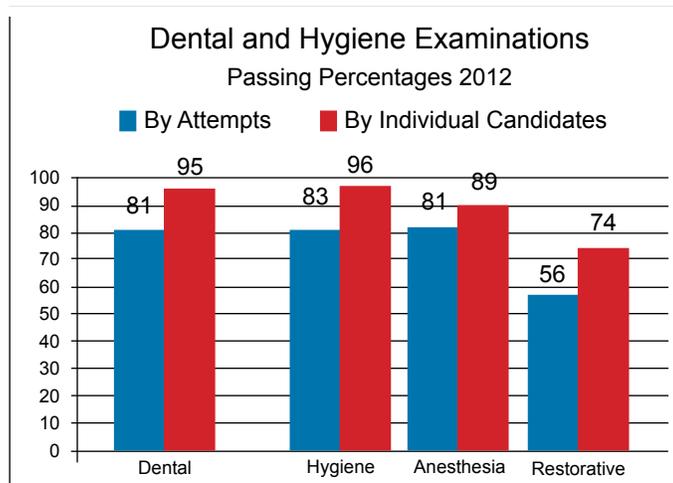
comprised of 17 women (71 percent) and seven men. Under the leadership of their student representative, Ammar Rasheed (ordinarily there are two per class), this cultural cooperative of dental professionals excelled. Two members of the class will be taking advanced specialty education at LLUSD, one in pediatric dentistry and one in prosthodontics.

The first LLUSD IDP class (three students) graduated in 1987.

Founded in 1977, the WREB is one of five clinical testing agencies that develop and administer competency assessments

for state agencies that license dental professionals. California has been a member of the WREB since 2006.

WREB member states now include Alaska, Arizona, California, Idaho, Illinois, Kansas, Kentucky, Missouri, Montana, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, Texas, Utah, Washington, Wyoming, and West Virginia (affiliate member).



Source: WREB Board Newsletter Winter 2013

North American pass rates suggest the accomplishment achieved by IDP 2015.

Icy challenges for ALS made and met

The ALS Ice Bucket Challenge went nearly viral at Loma Linda University, particularly at the School of Dentistry. Taking its cue from videos of LLUH President Richard Hart, MD, and School of Medicine Dean Roger Hadley, MD, accepted baptisms with



Graham Stacey is doused by his wife, Rosanne (foreground), and Irmgart Mitchell.

buckets of water and ice (like winning Superbowl coaches) to raise awareness and funding for amyotrophic lateral sclerosis (Lou Gehrig’s Disease) research, dentistry’s marketing team called out the School’s senior administrators, who readily accepted the challenge.

The public dousings took place in small waves. First was Graham Stacey, PhD, associate dean, Student Affairs, surprised on the quadrangle August 21 when his wife, Rosanne, and his administrative assistant, Irmgart Mitchell, did the honors.

Then it was Dean Ronald Dailey, PhD, on August 27, whose remarks before his icing explained that he was particularly willing to participate in memory of Ron Blank, DDS’75A, associate professor, oral diagnosis, radiology, and pathology, much loved School of Dentistry faculty member who died in 2005 after a four-year battle with ALS.

Dean Dailey also called out three of his colleagues, Robert Handysides, DDS’93, associate dean, Academic Affairs, Joseph Caruso, DDS’73, MS’75, MPH, associate dean for Strategic Initiatives and Faculty Practices, and Yiming Li, DDS, PhD, MSD, associate dean for Research, to take the challenge, which they did the next day,

Thursday, August 28, with Dr. Caruso also paying tribute to his missing colleague, Dr. Blank, who before his death established the ALS Foundation of Research and Clinical Evaluation (FORCE).

No doubt Dr. Blank would be overwhelmed to know that a decade later, as of Wednesday, August 27, The ALS Association



L-R: Robert Handysides, Joseph Caruso, and Yiming Li were cooled off by (L-R) Dean Dailey, Shannon Kokanour, Jack Burdick, and Sean Lee.



Dean Ron Dailey suffers his cold shower at the hand of class of 2016 president James Fedusenko.

has received \$94.3 million in donations compared to \$2.7 million during the month of August last year.

Much loved by his students, Dr. Blank was voted Teacher of the Year for 2002 and also received the Pierre Fauchard Academy Teacher of the Year Award. On April 11, 2001, he was diagnosed with ALS. He retired in February 2003 when his health no longer permitted him to continue his duties.

As the chain of challenges continued, Dr. Li called out “the money man,” Jack Burdick, MBA, assistant dean for Financial Administration, who was soaked down September 2 in front of Prince Hall, along with colleagues from two other schools he had challenged: Kent Chow, MBA, assistant dean, Finance, School of Allied Health, and Joann Shaul, BBA, assistant dean for Financial Affairs, School of Nursing.



Dr. Ron Blank’s memory was invoked during LLUSD ice bucket challenges.



Joann Shaul, Jack Burdick, and Kent Chow were saturated by (L-R) Ron Dailey, Yiming Li, and Rod Neal, MBA, senior vice president, Financial Affairs.

LLUSD alumnus elected to California Assembly



Dr. Jim Wood takes the oath of office.

LLU School of Dentistry alumnus Jim Wood, DDS'86, was elected in November 2014 to represent California's 2nd Assembly District, which comprises all of Del Norte, Trinity, Humboldt and Mendocino counties, plus northern and coastal Sonoma County, including the northern half of Santa Rosa.

Dr. Wood has lived in Northern California since 1987 when he opened his family dental practice, one of four in Cloverdale. While practicing there, he became involved with the Redwood Empire Dental Society for which he served (2000-2001) as president. He was appointed to the CDA Council on Legislation (now the Government Affairs Council) in 1998, and served for six years, culminating with two years as council chair (2003-2004), and three years as a CDA trustee (2003-2006).

Dr. Wood was elected to the Healdsburg City Council in 2006 and served two terms as its mayor.

According to CDA News, in addition to his family practice, Dr. Wood also has become a nationally recognized leader in forensic dentistry, serving as a member of the emergency response teams following the September 11 terrorist attack in New York and Hurricane Katrina in New Orleans.

Wood now serves as the only dentist in the California legislature. His appointments to the committees on Health and on Business and Professions greatly facilitate his intentions to advocate for the dental profession.

"My time serving with CDA taught me that almost everything we care about as dentists goes through Business and Professions at some point. . . . Having a seat at the table will give me another opportunity to ensure we pass good, sound policy that serves the needs of our patients.

"Every year, children miss more days of school due to oral health issues than any other disease," Dr. Wood points out. "Having someone reinforce this reality and work to establish a comprehensive plan for changing the oral health status of Californians, particularly children and other vulnerable populations, is a development I know the Legislature will welcome and support."

Dr. Wood believes that "having an expert lead the collaborative process needed to create change and have a meaningful impact on the overall oral health of all Californians is long overdue."



Legislative fellowship sends Greg Olson to Capitol Hill



Dr. Gregory Olson

Gregory Olson, DDS'96, MS'11, assistant professor, Department of Orthodontics and Dentofacial Orthopedics; Department of Pediatric Dentistry; and Oral Diagnosis, Radiology, and Pathology, has been awarded the 2015 ADEA/Sunstar Americas, Inc./Harry W. Bruce, Jr. Legislative Fellowship.

Dr. Olson is the first LLU School of Dentistry faculty member in the thirty-year history of the award to receive the Legislative Fellowship.

The selected fellow receives a taxable stipend to cover travel and expenses for approximately three months (cumulative)

in Washington, D.C. "I will be working with the American Dental Education Association (ADEA) to develop policies and educate members of congress in order to affect change to improve the oral health of all Americans," says Dr. Olson.

He also serves as a faculty scholar on the LLU Institute of Health Policy and Leadership team, an inter-professional group that "aspires to shape the health policy agenda based on our heritage of providing high quality prevention-centered health care that attends to the whole person--mind, body, and spirit."

Before joining the LLUSD faculty, Dr. Olson practiced pediatric dentistry in Washington state, where he was involved in public oral health projects such

as the Access to Baby and Child Dentistry (ABCD) Program and establishing a community dental clinic.

The ADEA release describes the fellowship as "three months in Washington, D.C., working on issues and policies that could make a difference in the life of every American. This public policy fellowship coincides with congressional consideration of the federal budget and other legislative and regulatory activities important to dental education and research. The fellow functions as an ADEA Policy Center staff member who works within the Advocacy and Governmental Relations (ADEA AGR) portfolio on ADEA's specific legislative priorities.

"According to ADEA, "The fellow's responsibilities may include drafting policy, legislative language, position papers and testimony; educating members of Congress and other decision-makers on matters of importance to dental education; and participating in gatherings of various national coalitions."

LLUSD faculty members who are interested in working with members of Congress, their support staff, or lobby representatives on issues of importance to oral health are encouraged to apply for the 2016 ADEA/Sunstar Americas, Inc./Harry W. Bruce, Jr. Legislative Fellowship.

Murray Jacobs' day on The Hill

Murray Jacobs, DDS, assistant professor, Department of Oral and Maxillofacial Surgery, attended the 15th Annual American Academy of Oral and Maxillofacial Surgeons Day on Capitol Hill, organized by the American Association of Oral and Maxillofacial Surgeons that took place March 17-18, 2015, at the Grand Hyatt Hotel in Washington, D.C.

As a member of the OMSFAC board of directors, a bi-partisan political action committee of the AAOMS, Dr. Jacobs has the unique opportunity to act as a political advocate for the specialty in oral and maxillofacial surgery and to has a real impact on federal healthcare policy, regardless of any previous political/advocacy experience.



Dr. Murray Jacobs

Loma Linda University School of Dentistry + MEND: Dental Community Service Program

Reprinted with permission of the UniHealth Foundation

California's Medi-Cal expansion has improved access to health care for thousands of low-income adults, but the high cost of dental care keeps it out of reach for many Southern California residents. Since 2008, with UniHealth Foundation

does MEND's patients. He says that the experience of providing meaningful service is every bit as important as mastering the dental techniques used in the U.S. system of care.



Dr. Zegar with Denise Sanchez, manager, MEND Dental Clinic

grants totaling \$858,314, MEND and the Loma Linda University School of Dentistry have been doing their part to open the door to high quality dental care for low-income residents of the northeast San Fernando Valley. Every Tuesday, Dr. Zegar Zegar, [assistant professor, Department of Restorative Dentistry,] Loma Linda faculty preceptor, oversees the oral health care provided by International Dentist students from Loma Linda University School of Dentistry at MEND, the only free dental clinic in the San Fernando Valley. These dentists, who have been educated outside of the U.S., must complete two years of training in order to be licensed to practice here. Himself a graduate of the program, Dr. Zegar insists the symbiotic partnership benefits the dental students as much as it

Forced by war and religious persecution to leave his home country of Iraq, Dr. Zegar's commitment to mission is



Patient Tim M. with Roxana Salem, IDP1

palpable. "My goal is to teach my students higher critical thinking skills. I want them to feel a sense of compassionate care with other human beings so as soon as they start practicing,

they will give back," he explains. That compassionate care is exactly what Ted M. is receiving from student dentist Roxana Salem. Ted counts himself lucky to have found MEND. A hard



Haider Fakbri, IDP1, shows patient her radiograph.

working native of Honduras, Ted has Medi-Cal health insurance, but it does not cover the procedures he needs. He does not have dental insurance and cannot afford to pay a private dentist. He says a friend told him about MEND. "I'm glad to have found this place. They are very nice people and everyone is friendly. They treat me good. I love my dentist." Dr. Salem adds, "I enjoy working here. I see more patients and get to do more complex treatments. I learn a lot."

With only two full-time administrative employees, MEND's all volunteer dental clinic has experienced spectacular growth since 2008, when nine volunteer dentists and the Loma Linda dental students provided 972 patient encounters. Today, 36 community dentists see 30 to 40 new patients each month and develop treatment plans for them. Because many patients have delayed care, their treatment plans often include complex procedures and dentures. Additional partnerships have been created with the UCLA School of Dentistry and Western University's College of Dentistry. Dental

hygiene students from West Los Angeles Community College and dental assistant students from Concorde Career College and United Education Institute do clinical rotations at MEND. In 2014, these volunteers provided 5,200 patient encounters, and the goal for 2015 is 10 percent growth.

Access to dental care remains a huge struggle for low income residents of Southern California. Medi-Cal's dental program provides only limited oral health services and does not cover complex procedures such as root canals and



Sukhman Panag, IDP1, wearing loupes, treats a MEND patient.

dentures. Programs like Loma Linda's Dental Community Service Program fill critical gaps in the continuum of health care services for those most in need, providing compassionate, respectful and high quality oral health care. The Dental Community Service Program also offers dental students and dentists trained outside the United States the opportunity to provide meaningful service at a pivotal time in their careers and may foster the development of a new generation of lifelong volunteers. "We take care of a lot of sick people here," says Dr. Zegar. "I'd love to see this program keep going and I'm still willing to come here every week. This work is important."

Charles Goodacre honored with two prestigious awards

During a recent five month period (November 2014 to March 2015), Charles J. Goodacre, DDS'71, MSD, professor, Advanced Specialty Education in Prosthodontics, was awarded two very prestigious professional/educational awards.

Dr. Goodacre received the Dan Gordon Lifetime Achievement Award from the American College of Prosthodontists (ACP) at its Annual Awards & President's Dinner during the ACP's 44th Annual Session, November 5-8, 2014, in New Orleans.

The American College of Prosthodontists (ACP), through its awards program, formally recognizes individuals whose contributions to the specialty or to the college are outstanding and substantial.

Dr. Goodacre is past president of the ACP. With more than 3,500 members, ACP is recognized by the American Dental Association as the organization for the specialty of prosthodontics and the only prosthodontic specialty association where membership is based solely on education credentials.

Five months later, Dr. Goodacre was honored with the "Omicron Kappa Upsilon Stephen H. Leeper Award for Teaching Excellence" during the March 2015 OKU annual meetings in Boston, Massachusetts.

The annual honor goes to an individual who has shown innovation in teaching and significant contributions to dental education at their center of dental instruction as well as to the entire dental education community.



Dr. Charles Goodacre (Left) enjoys his "Omicron Kappa Upsilon Stephen H. Leeper Award for Teaching Excellence," as well as the congratulations of Dean Ron Dailey, PhD.

Dr. Goodacre is a Diplomate of the American Board of Prosthodontics, past president of the American Board of Prosthodontics, and past president of the Academy of Prosthodontics.

Awards for his contributions to dental research and education in prosthodontics are too numerous to catalogue here.

Bill Hooker honored by CDA

William M. Hooker, PhD, former LLU School of Dentistry associate dean for Student Affairs (1994-2008), received the Gale Kloeffler Award for his outstanding service to the California Dental Associations' Well-Being Program during the CDA's annual meetings in San Francisco, September 4-6, 2014.

The Gale Kloeffler Award was established in 1995 to recognize volunteers who have demonstrated outstanding service to the CDA Well-Being Program. From across the state, regional Well-Being committees submit nominations and the CDA Well-Being Committee selects the ultimate recipient.

Some of Dr. Hooker's contributions to Well-Being include: developing in 1983 a "Diversion" program at the LLU School of Medicine for students with dependencies; implementing (1993) a "Diversion" program at LLU School of Dentistry; serving, from 2001 to 2009, as member and chair for California's Southern Diversion Evaluation Committee; serving, from 1996 to the present, as consultant for CDA's Southern California Regional Well-Being Committee; and assisting, from 2000 to 2008, with California well-being educational sessions at UCLA and UOP.

Since his retirement in 2008, Dr. Hooker has served as case manager for students and faculty with chemical dependency issues at LLUSD.

It was the second consecutive year that the Award was received by an LLUSD alumnus. Last year's winner was Ronald Fritz, DDS'72, who has served 13 years as a Well-Being Program volunteer and seven years as chair of the SDCDS Well-Being Program, and is a past member of the CDA Well-Being Committee.



Curtis Vixie, DDS'89, chair, CDA Well Being Committee (left), celebrates with Dr. Hooker his Gale Kloeffler Award.

A Healing Hands first



Celebrating with Dr. Okumura his Healing Hands first are (L-R) Tim Sherwin, Kristi Herrmann and Dean Dailey.

Wesley Okumura, DDS'94, MS, assistant professor, Department of Pediatric Dentistry, is the first School of Dentistry faculty clinician to receive the Healing Hands gold pin awarded to LLUH care providers and support staff whose patients have made a point formally and tangibly to acknowledge their appreciation for their compassionate care.

In the case of Dr. Okumura, the mother of a pediatric dentistry patient, an Adelanto woman on Social Security, said, "Going to the dentist has been a living nightmare for us, but Dr. Okumura and helpers made it pleasant and restored our faith in dentistry, the Seventh-day Adventists, and in God!"

"It sounds like a letter written by your mother," Dean Ron Dailey joked, as he awarded Dr. Okumura his pin, March 20, 2015, during Faculty Advance Seminar in the Wong Kerlee Conference Center.

By making a gift through Healing Hands, patients affirm their caregiver. Whether the gift is \$10, what the Adelanto woman called her "widow's mites," or \$10,000, it is appreciated for what it means as well as how it can improve the place in which the caregivers have invested their careers and in many cases, their hearts.

Since the "Healing Hands" program began a little over a year ago, 69 physicians, nurses, and support staff have been recognized by patients through the Healing Hands lapel pins backed by generosity that exceeded \$8 million in gifts to the Loma Linda University Medical Center from grateful patients.

The School of Dentistry has just begun its own Healing Hands participation and expects soon to see many more of its compassionate caregivers pinned.

Healing Hands provides an opportunity to recognize and encourage the special people who make this organization a place for healing and wholeness.

When a gift is made, the honored caregiver is sent a Healing Hands recognition card that may have a signed message or be anonymous, to let him or her know that their special care did not go unnoticed.

More information is available from the Office of Philanthropy Healing Hands at: 909-558-4438

or its email at: giving@llu.edu

Or visit www.lluhealinghands.org



Sterilization Assurance Service (SAS) & Dental Unit Waterlines Testing Service (DUWLs)

Sterilization Assurance Service (SAS) was established in 1998 and provides biological monitoring of sterilizers for more than 700 dental offices, community colleges, and other institutions in more than 30 states.

What are some of the advantages of using LLU School of Dentistry's SAS?

- More than 15 years of experience
- Choice of Basic, BasicPlus, and Intensive spore testing services to help you meet infection control requirements within your budget
- Courtesy envelopes or prepaid return envelopes are included
- Option of weekly or monthly reports (Certificate of Participation is available)
- Online test results will be available soon
- Failure notification by phone

Contact Information

Tel: (909) 558-8176 (909) 558-8794

Fax: (909) 558-0307 E-mail: sas@llu.edu

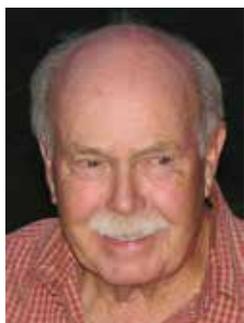
Web: <http://www.llu.edu/dentistry/sas.html>

Dental Unit Waterlines Testing Service (DUWLs) opened in 2000 and evaluates microbial contamination of dental unit waterlines. Over 500 dental offices, a number of universities, Veterans hospitals, and other agencies use this service.

What are the advantages of using LLU School of Dentistry's DUWLs service?

- More than 12 years experience
- Consultations by our experienced staff members
- Detailed instructions, sample tubes, a foam container, and ice packs in each test package
- We use the heterotrophic plate count by membrane filtration (Method 9215D), the gold standard for examining microorganism effluent, as published by the American Public Health Association
- Multiple dilutions to detect heterotrophic bacteria counts up to 20,000 CFU/mL
- Test reports sent after the seven day incubation period
- Local customers may deliver samples directly to our laboratory

FOND FAREWELLS

Robert Allen*Dr. Robert Allen*

The recipient of LLUSD's first diploma, which was issued in 1957, **Robert Allen** was born in Oxford, Wisconsin, 1931, and previously studied at Newbury Park Academy, Newbury Park, California, and Andrews University, Berrien Springs, Michigan. The U.S. Air Force, where he served 1957-1959, was a good fit for Dr. Allen, who was 17 years old when he received his pilot's license. Later he would earn multi-engine, instrument airline training and become a certified flight instructor.

Dr. Allen owned a general dentistry practice in Sacramento, California, 1959-1965, then moved with his family to Seoul, South Korea, where for several years he performed mission dental service. Again he took to the air, this time in amphibian aircraft, to provide free treatment for isolated patients living on islands off the coast of South Korea.

Returning to LLUSD to complete a master of science in orthodontics (1975), Dr. Allen then opened an orthodontic practice in Lewiston, Idaho, where he practiced until his retirement in 2003.

When he passed away (May 14, 2014) after a fall, Dr. Allen left to mourn, his wife Debbie, his sons—Robert Dale of Caldwell, Idaho; Mark (wife Susie) of Petaluma, California; Jason Robert of McCall, Idaho; Nathan (wife Tara) of Clarkston, Washington—and four grandchildren. Two sons preceded him in death.

Donald Brody

Christmas day, 2014, **Donald Brody**, SD'58, was planning to play golf when he died unexpectedly at his home in Grand Terrace, California. A native of Middle River, Minnesota, where he was born on March 21, 1933, Dr. Brody met his wife at Upper Columbia Academy, Spangle, Washington. After their marriage he prepared for dental school at Washington Missionary College, Takoma Park, Maryland, subsequently entering LLUSD's class of '58.

With many of his classmates, Dr. Brody served in the army during World War II, providing dental care in the South Pacific arena.

Subsequently, Dr. Brody opened a dental practice in Bakersfield and pursued an active fitness program. During his 60s, he ran six marathons and didn't quite make his goal of running seven in his 70s. At the time of his death his two-days-a-week schedule took him to the San Bernardino Job Corps Center, where he provided dental care for students.

Mourning Dr. Brody's death are the members of his family: his wife, Dolores of Grand Terrace; his son Karl, also of Grand Terrace; his daughters—Paula (husband Herschal Hiatt) of Grand Terrace; Marla (husband Jeff Starcevic), of Wenatchee, Washington; and Darla (husband Ronald Raymon) of Paso Robles, California—seven grandchildren, and one great grandchild.

*Dr. Donald Brody***Van "Ben" Anspach***Dr. Van Anspach*

A member of LLUSD's first dental class, **Van "Ben" Anspach**, DDS'57, was born August 22, 1925, in National City, California. After serving in the U.S. Navy during World War II, he would complete high school studies at Laurelwood Academy in Oregon and pursue pre-dental studies at Walla Walla College in Washington and La Sierra College, Riverside, California.

Upon graduating from LLUSD, Dr. Anspach practiced dentistry for several years in Crescent City, California, and then at El Sobrante in the Napa Valley.

A man of many interests, he also started a construction company and spent many years laying underground fiber-optic cable for the telephone company. Among his other business ventures, he mined in the Trinity Alps of California and later became a contractor and realtor in southern California, building and selling luxury homes.

When he died September 17, 2014, in College Place, Washington, Dr. Anspach's mourners included his wife of 65 years, Kathryn (Colburn) Anspach of College Place; son Terry, DDS'75B (wife Marcia), of College Place, his daughter Kristi (husband Tim, DDS'83) Reynolds of Wenatchee, Washington, as well as three grandchildren and one great-grandchild.

Thomas Haglund

A loyal and active LLUSD alumnus, **Thomas Haglund**, DDS'73, had served the San Bernardino community in a dental practice for 30 years when he died August 24, 2014. He had been honored as LLUSD's alumnus of the year (1994) and served as president of the alumni association (1995-1996).

Dr. Haglund was born in Glendale, California, on November 16, 1947. He attended Saleve Adventist University, Collonges, France, and La Sierra College, Riverside, California, before entering LLUSD's class of '73.

An active member of the Azure Hills Adventist Church, Grand Terrace, California, Dr. Haglund became involved with the youth as a Pathfinder leader. He was also an avid cyclist and spent his happiest times on the Colorado River water skiing with his family. Fellow cyclists staged a memorial bike ride on September 7, 2014.

Among Dr. Haglund's mourners are his wife, Connie; his brother, Robert Haglund, MD; his sister, Joan Barber, MD, his three sons—Andrew, MS (wife Laurel, DH'92); Ryan (wife Cecelia); and Jason—and three grandsons.

Donations in Dr. Haglund's memory can be made to the Azure Hills Church Pathfinder Club in Grand Terrace.

*Dr. Thomas Haglund*

FOND FAREWELLS

Roger Knecht



Dr. Roger Knecht

An unexpected illness took the life of **Roger Knecht**, DDS'90, on October 14, 2014, in Owosso, Michigan.

Dr. Knecht, who was born on June 15, 1962, in Colorado Springs, Colorado, studied at Cedar Lake Academy and Andrews University before entering LLUSD's class of '90. Upon graduation he would practice dentistry for 24 years in Owosso with his father, the last eight of those years with Dr. Philip Wolf. Recreationally he pursued fishing, golfing, camping, and snowmobiling.

Active in his church, the Kiwanis Club, and Global Village Ministries, Dr. Knecht traveled to Peru, Costa Rica, and Kenya, where he contributed dental services at various mission sites.

A devoted family man, Dr. Knecht leaves to mourn, his wife, Cherie, of Owosso, his daughters—Kelsea (husband Rodney) Allen, a teacher at Battle Creek Academy, Battle Creek, Michigan, and Cassidy Munson, a student at Georgia Cumberland Academy, Calhoun, Georgia; his son Jacob Knecht; a senior at Great Lakes Adventist Academy, Cedar Lake, Michigan; and his parents, Dorothy and William, DDS'68, of Owosso.

The family has suggested that memorial contributions can be made to Global Village Ministries, or to the School of Dentistry's worthy student fund.

Jeraleen Mills



Ms. Jeraleen Mills

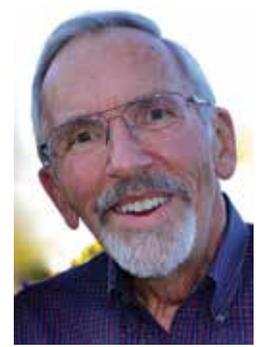
A member of the dental hygiene class of '63, **Jeri Mills** was present at the 2008 alumni reunion for an unprecedented event. Her entire class was named Alumna of the Year, being noted for its collective flair and elan in support of the School.

Born in Mishawaka, Indiana, on September 7, 1941, Ms. Mills prepared for dental hygiene at Mt. San Antonio College, Walnut, California. Upon graduation at LLUSD, she worked at various Inland Empire dental offices, most recently in Rancho Cucamonga, California.

After a 30-year marriage, both she and her husband Jeff suffered terminal medical problems. His death came less than two months before hers on November 12, 2014.

Mourning their loss are Jeraleen's twin sister, Kathy Hansen, DH'63, of Rancho Cucamonga, and Jeff's two sons, George and John, six grand children, and one great grandson.

Frederick Mantz



Dr. Frederick Mantz

Frederick James Mantz, DDS'69, MS'73, of Hughson, California, who was born in San Mateo, California, May 18, 1943, died December 6, 2014. Dr. Mantz completed pre dental studies at Pacific Union College, Angwin, California, before entering LLUSD's class of '69. Upon graduation, Dr. Mantz pursued an anesthesia course while teaching in LLUSD's dental assisting program. He continued with an oral and maxillofacial surgery program at Orange County Medical Center, 1969-73, and in 1973 LLUSD awarded his master of science degree.

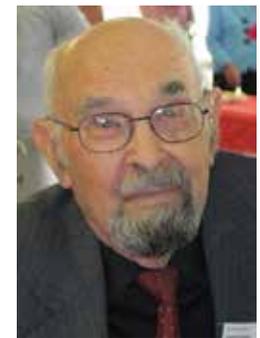
Opening an office in Modesto, California, Dr. Mantz practiced the full scope of his specialty for 32 years. Beginning in May 2003 he devoted two days a week to an appointment on the UCSF faculty as an assistant professor.

In addition to his distinguished dental services, Dr. Mantz championed Christian education, supporting the Centennial Complex project on the Loma Linda University campus, and serving as board chair of Modesto Adventist Academy.

Dr. Mantz's mourners include his wife, Beverly, of Hughson; and his children: Kristin Dorchuck (husband Joseph), of Sonora, California; Brian (wife Christy), of Napa, California; and Kevin of New York.

The family suggests that memorial contributions be made to the ALS Association or to Modesto Central Church Capital Campaign Fund, 1614 H St., Modesto, Ca 95354.

Carl Mundy



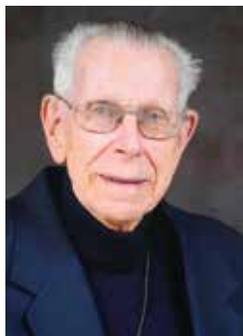
Dr. Carl Mundy

At the age of 101, **Carl Mundy**, SD'58, died in Bakersville, North Carolina, on January 20, 2015. Except for his activity during World War II when he served in the armed forces (crisscrossing the Atlantic Ocean 30 times), and his LLUSD education, Dr. Mundy spent most of his life in the South. Born in northern Mississippi on November 1, 1913, he was reading by the age of three and driving the family car at 11. He became a master carpenter and an x-ray and laboratory technician in Asheville, North Carolina. Completing pre dental studies at Washington Missionary College in Takoma Park, Maryland, he joined LLUSD's class of '58, graduating at the age of 44.

Upon dental school graduation, Dr. Mundy opened a dental practice in Asheville. In retirement he accepted a three-year appointment at the Montemorelos University dental clinic in Mexico, where LLUSD was initiating a dental residency program. Returning to Asheville, Dr. Mundy took up active pursuits, including coursework at nearby educational facilities, enrolling in machine shop and tool and die courses.

Dr. Mundy was preceded in death by his son Richard, who died in 2009. Mourning their loss are Dr. Mundy's wife, Virginia, of Bakersville, North Carolina; his son, Edward of Switzerland; and two grandsons.

FOND FAREWELLS

Dale Pyke*Dr. Dale Pyke*

His birth on September 2, 1924, in Port Angeles, Washington, made **Dale Pyke**, DDS'60, a prime candidate for the military draft re-instituted by President Harry Truman in 1948.

Dr. Pyke registered with 10 million other men, and after two years at Walla Walla College, served as a pilot in the U.S. Air Force (1949-1954) during the Korean War. He would complete his pre dental education at WWC in 1956, entering LLUSD's class of '60.

Upon dental graduation, Dr. Pyke returned to active duty as a dentist in the U.S. Public Health service, retiring in

1975 with the rank of captain. This time he served at diverse sites: La Tuna, Texas; New Orleans, Louisiana; Cape May, New Jersey; Louisville, Kentucky; Lewisburg, Pennsylvania; and Lompoc, California.

Joining the LLUSD faculty in September 1975, Dr. Pyke worked in the Department of Oral Diagnosis, Radiology, and Pathology until his retirement in 1984.

His wife, Carol Gilbert-Pyke, preceded him in death. When he died on September 28, 2014, in Loma Linda, California, Dr. Pyke left to mourn his son Robert (wife Annette) of Ridgecrest, California; his daughter Janelle Pyke, MA, LLUSE'86, of Loma Linda, California; two grandchildren, and two great-grandchildren.

Dr. Pyke requested that those wishing to honor his memory donate to the Voice of Prophecy radio ministry.

Jared Ruminson*Dr. Jared Ruminson*

Jared Ruminson, DDS'98, born in Loma Linda on April 1, 1971, prepared for dental school at Pacific Union College, Angwin, California, entering the LLUSD class of '98.

He pursued his dental career vigorously in El Dorado, California, for 16 years before his death on September 12, 2014.

Dr. Ruminson had enhanced his dental skills with new technology and many advanced education courses. Voted the "Best of the Best" Dentist in the El Dorado Hills Telegraph in 2007, 2008, 2009 and 2012, he was also attentive to

the skills of his staff, whom he often sponsored at team seminars.

As late as 2013 Dr. Ruminson completed 600 hours in implant dentistry, qualifying to become an implant fellow. That same year the Dominican Republic became the locale for one of his mission trips. Additionally, he participated in "Smiles for Kids" in Jackson, California, and an AMEN clinic in San Francisco. In January 2014, while battling cancer, he was providing free dental care at Wiemar Center of Health Education, Wiemar, California.

Mourning their loss are Dr. Ruminson's wife, Julie, BS'96 (DH), and three daughters: Ashlan, Meghan and Kailan.

A Ruminson Girls' Education fund has been established. Contributions can be sent to Box 4089, Auburn, CA 95604.

Gerald Reynolds*Dr. Gerald Reynolds*

Born March 7, 1929, in Los Angeles, **Gerald Reynolds**, DDS'69, would complete a three-year stint in the army and a BS at La Sierra College, plus a laboratory technician's course and an MS in pharmacology before entering LLUSD's class of '69. While serving in the navy reserve, he opened a practice in Yuba City, California, where he practiced dentistry until 1991. After retiring he spent a year in Djibouti, Africa, to build a dental clinic requested by the country's government. Thereafter he provided dental care at the Yuba County jail until the week of his death on September 22, 2014.

Active in the Academy of Forensic Sciences, Dr. Reynolds developed a bite-mark machine now being researched at the University of Texas; he also initiated a bill (AB81) in the California assembly which provided a central bank of dental x-rays for deceased and missing persons. This provision has now spread to most other states.

Surviving Dr. Reynolds are his wife, Carolyn, of Penn Valley, California; five children—Cheryl (husband Don) Wilson of Bemidji, Minnesota; Gary Jr. (wife Eileen) of Sacramento; Glenn (wife Barbara) of Bemidji; Robert (wife Heidi) of Bemidji; and Thomas of Bemidji—three stepchildren—Karen (husband Donald) Chamberlain, Chattanooga, Tennessee; Marjorie Emrshar, of Penn Valley; Eric (wife Denise) Knutson, DDS'84, of Sacramento; ten grandchildren and six great grandchildren.

Glen Swanson*Dr. Glen Swanson*

Even though he was on hospice, Glen **Earl Swanson**, DDS'63, attended the 50th reunion of his dental class in February 2015. Two months later (April 20, 2015) he died in Grand Terrace, California. Born on August 28, 1935, in Ducoda, Washington, Dr. Swanson initially prepared to become an industrial engineer, studying at Walla Walla College, Washington, and Pacific Lutheran College, Tacoma, Washington. Encouraged by a friend to consider a career in dentistry, he completed pre dental requirements at Pacific Union College before entering LLUSD's class of '63.

Upon graduation, Dr. Swanson chose Fontana, California, as the site for practicing dentistry, pursuing a career that he loved. In addition to serving as part-time assistant professor in the International Dentist Program from 1985-1987, he volunteered at the Monument Valley, Utah, dental clinic for the Navajo Indians, and at sites in Mexico until retirement in 2011.

His survivors include a son, Mark Erik Swanson of Loma Linda; the mother of his son; Kathi Swanson of Loma Linda, California, who was caring for Dr. Swanson during his final months; and his brother, Gene Alan Swanson, M.D., of Montrose, Colorado.

FOND FAREWELLS

Anthony Tjan



Dr. Anthony Tjan

Born in Indonesia, December 4, 1929, **Anthony Tjan**, DDS, MS, PhD, at age 14 began working to supplement his family's income. In Indonesia he earned a dental degree, an oral surgery master's degree, and a doctorate in microbiology. During his dental career he would author more than 200 research papers and abstracts. A founding member of the University of Pajajaran in Bandung, Indonesia, Dr. Tjan was also a member of the World Health Organization in Caries Research.

Two years after emigrating to the United States in 1967, Dr. Tjan received a dental degree at the University of Southern California, and joined the USC dental faculty, a post he held until 1984.

Becoming a professor and director of biomaterial research at LLUSD (1984-1995), Dr. Tjan commuted with his wife from his Covina, California, practice to Loma Linda two days per week. Upon retirement as professor emeritus, he continued to serve as a consultant of biomaterial research.

Preceded in death by Agnes, his wife of 40+ years, Dr. Tjan died October 13, 2014 in Covina, California. His survivors include two sons—Albert, DDS (wife Yvonne), of Irvine, California, and Robert (wife Julianne) of Foster City, California—and six grandchildren.

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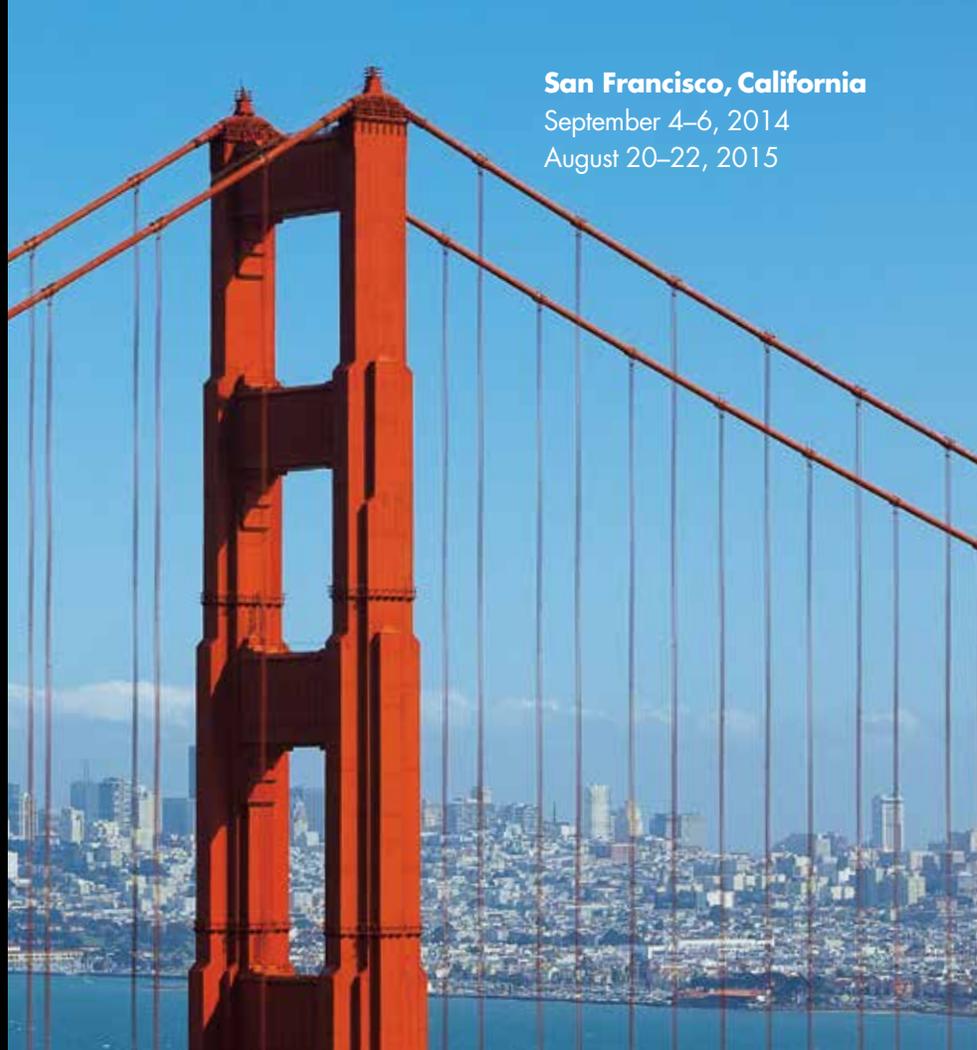
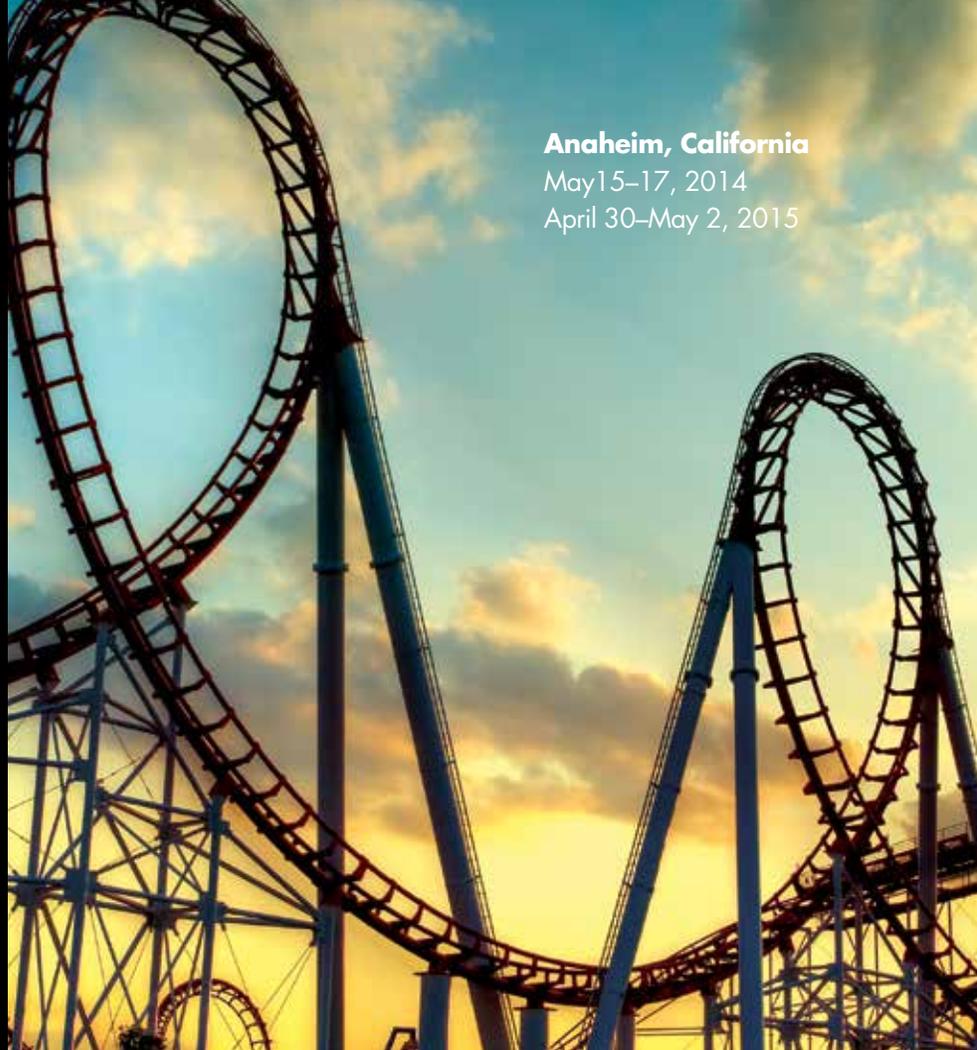
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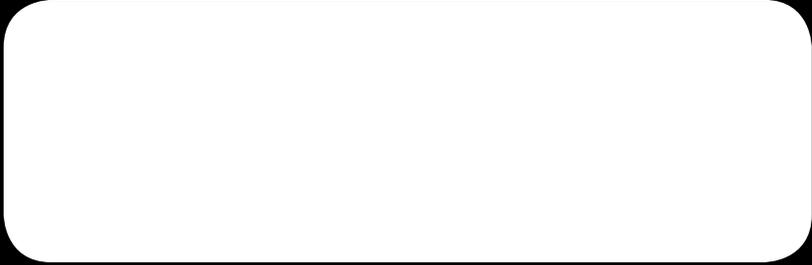




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