

LOMA LINDA UNIVERSITY

Dentistry



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Transition at the top

Volume 24, Number 2

Summer / Autumn 2013

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

— J. Milford Anholm



LOMA LINDA UNIVERSITY
HEALTH

LOMA LINDA UNIVERSITY DENTISTRY

VOLUME 24, NUMBER 2 SUMMER/AUTUMN 2013

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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

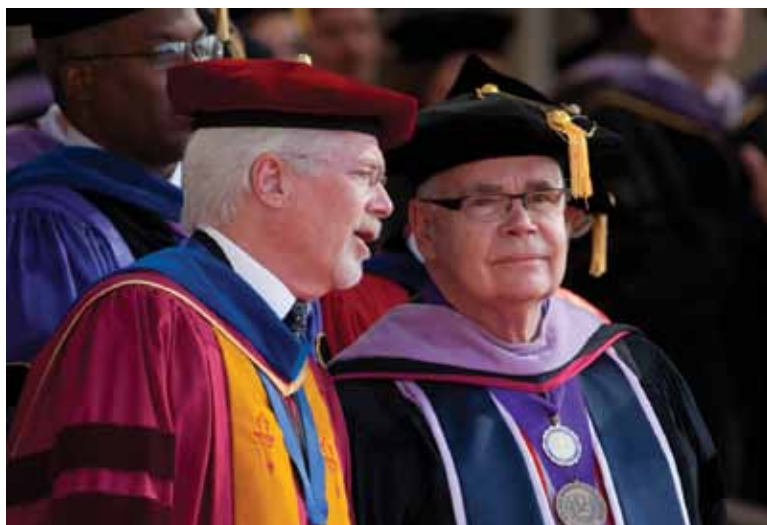
Patients receive competent care, which is preventive in purpose, comprehensive in scope, and provided with compassion and respect

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.



On July 1, 2013, Ronald Dailey replaced Charles Goodacre as School of Dentistry dean. Pictured here with his successor at the recent commencement exercises, Dr. Goodacre will remain at the School as professor, Department of Prosthodontics.

Purpose

Loma Linda University Dentistry informs alumni, faculty, students, and other interested individuals about current School programs, events, and activities, as well as accomplishments of fellow alumni, faculty, and students. The journal is published twice each year by Loma Linda University School of Dentistry.

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Cover: Incoming dean, Ronald Dailey, PhD (left), shakes hands with outgoing dean, Charles Goodacre, SD'71, MSD, in front of Prince Hall's student (north) entrance.



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Dean's message: *Conversations and initiatives*

I want to begin my first Dean's Message by paying tribute to my predecessor and good friend Dean Charles Goodacre. This edition of *Dentistry* includes an article on page 10 describing the many attributes and accomplishments that make up "The Goodacre Legacy." Dean Goodacre has served the School of Dentistry for 19 years and amassed a profile of accomplishments which for most professionals would represent a successful career. Indeed, his profile as dean includes diverse roles including clinician extraordinaire, innovative educator, prolific researcher and effective administrator. Thank you, Charlie, for your effective service and commitment to the purposes and programs of the School of Dentistry.

During the next several months, I am meeting with faculty from nine clinical and basic science departments, eight programs as well as various clinics in the School of Dentistry. I will also be meeting with students. We have a lot to talk about, and I'm anxious to hear your concerns, answer your questions, and discuss our collective future.

These discussions are representative of wider conversations—and initiatives—taking place throughout Loma Linda University. For example, we are introducing a very important self-study process associated with accreditation that will help us chart the optimal path to a reinvigorated curriculum. In addition, we will be launching a process to explore methods by which we can integrate the clinical, basic, and behavioral sciences in preparation for an integrated national board examination scheduled for implementation sometime in the next six to eight years. Beyond that, our research team will be working collaboratively to develop a five-year Research Roadmap for the School of Dentistry.

With so much revision and augmentation under advisement, and all with clear benefits to the School of Dentistry, I want to be sure you are part of the process, that your voices are being heard, and that your expertise helps to shape our decisions. I have met with four departments so far and I am not surprised to have received questions and comment from at least that many perspectives.

The fervor and discernment represented by the feedback I have received thus far impresses on me just how invested in the School you are and how critical it is that I have the benefit of your perspectives.

As the dean of an incredible and profoundly complex institution, I have a unique point of view. To adequately represent the School, I need to understand thoroughly all of its disciplines, departments, and programs. That is why it is imperative that I hear from so many of you in



the effort to see the institution from the perspective of the faculty, staff, and students, even as I encourage each of you to collaborate as you consider issues that affect the School at an institutional level.

My sincere thanks go to those of you who have participated thus far. To those with whom I have yet to meet, I look forward to talking with you. In addition to visiting and answering questions, I plan to share your feedback themes in a follow-up "What I Heard" memorandum, so that everyone in the dental school can become aware of the challenges facing your colleagues in different departments, programs, and clinics. For our alumni, I hope this journal serves as a conduit to the important issues being addressed within your alma mater, and I always welcome the input that your real world perspectives provide.

Driven by innovation, strengthened by collaboration, and encouraged by open, consistent communication, together we are launching a significant shift in our programs. I want this critical dialogue between the dean's office, faculty, students, staff, and alumni to continue and thrive. Please join me in this effort by sharing your suggestions about how to sustain this dialogue for the future. And, as always, thank you for everything you do to sustain and improve Loma Linda University and the School of Dentistry.

A handwritten signature in black ink, appearing to read "Ronald J. Dailey". The signature is fluid and cursive, with a long horizontal stroke at the end.

Ronald J. Dailey, PhD

Alumni president's message:

Are you living "out of phase?"

The day at the office had been busy, but one patient made that day uniquely different. Although tired, my mind seemed energized by what a patient said. He was a WWII veteran who had recently lost his wife to complications associated with diabetes just shy of their 60th wedding anniversary. His face lit up every time he reminisced and spoke of her, especially how they first met on a blind date at a soda shop when he was in the Navy in Pearl Harbor, Hawaii. As he finished his last story, he smiled, sighed contentedly, and then said it all: "I have no regrets." I considered what was embodied in his statement with an almost reverent, envying awe. I thought further about how often we wish that we might have the chance to do things over again, differently. But this man had "no regrets." He would not change anything. He had hit it out of the park when it actually counted. I purposed to make some changes.

Typically, health professionals are driven individuals who regularly set goals. Patterns begin early in life as we observe and emulate people who are goal motivated. There is a tendency to adopt the strategies and behaviors to which we are exposed. Our daily energies become divided between present and future goals. We map out the future—planning what we are going to do in an hour, tomorrow, next week, next month. However, if we begin to focus disproportionately on the future—we start to live "out of phase" with the present. Our frame of reference begins to shift more to the future—away from the present. Some of us become aware enough of this imbalance that we negotiate with ourselves that we will start to enjoy life—as soon as we set up our practice, get out of debt, get married, have children, etc. Conversely, some of us live more in the past than in the present or future. As goals lose clarity or become seemingly unattainable—we relive and recall past successes and experiences . . . some call this "getting old!"

What can we do to live more "in phase," more in the time frame of the moment? Some of us never realize that while we are waiting for the variables of life to line up ideally, life is actually going by. How often do we hear phrases like, "Enjoy your children; they grow up too fast!" or "Where did the time go?" Many of us live our lives as if we are living in a dress rehearsal—as if there will be a second chance—not realizing that in fact we are on the stage in the actual performance. Some of us treat life as a series of goals—like points on a graph, or a series of photos—intermittently interacting with the present. Instead, consider life as a dynamic, continuous line, rather than a series of points. Life might well be seen as a video in which every moment is captured in high resolution to be relished and appreciated. Our perception of our environment becomes our reality. Simply put, life is what we choose to make it! We make




choices that define how we relate to our family, our work, and to those around us—though the dynamics are not always obvious.

How can we turn things around so that we are not among those who get to the end of life with our list of goals accomplished—only to find that we never really lived, that we never really appreciated the passage of time, that we misdirected our energies and we lived our life "out of phase?" Opportunity and choice are on a continuum, but it requires the realization that we are "out of phase" to make the effort to realign ourselves with the present instead of continually planning our future at the expense of the present.

Similarly, why should our work get the best of us? When we leave the office and go home, too often those closest to us get what is left over. Developing strategies that help us reserve some of our energies for those we come home to at the end of the day is a necessity. We need to treasure each moment. It has been said that the optimal life would be lived if we spent each day as if it were our last. At the end of the day the doctor would say, "Though you have a terminal illness and will die, you have been given a reprieve and will live another 24 hours." If such could be our perception of life, what really matters in life would remain sharply in focus. Remember, no death bed confession ever included the phrase, "I wish I had spent more time at the office."

We can make the choice to realign ourselves, to live in a healthy, happy, balance of past, present and future—to live "in phase" with an appreciation for "living in the moment" to savor each day. Cherish those close to you. Let the past be the past. Plan for the future, but live and experience the present. And when it is all said and done, like my patient be able to say consummately, "I have no regrets."


 Gary Chan, SD'89, MS'95
 President, Alumni Association



LOMA LINDA UNIVERSITY

School of Dentistry

Continuing Dental Education Courses 2013-14

What I Wish I Knew in '82 – Restorative Dentistry for the Difficult Dentition

September 8, 2013
Dean Elledge, DDS MS

Prosthetic Rehabilitation of the Completely Edentulous Patient: A Systematic Treatment Evaluation of Available Methods

September 22, 2013
Tony Daher, DDS, MSED

Sports Dentistry, Trauma Treatment, and Prevention

September 29, 2013
Ray Padilla, DDS

Hot Topics in Infection Control and California Law

October 6, 2013
Nancy Andrews, RDH, BS | Bette Robin, DDS, JD

Optimizing Success Through Materials Choice, Proper Diagnosis, and Planning

October 13, 2013
David S. Hornbrook, DDS

EQUILIBRIUM: Criteria and parameters to achieve balanced smile-composition principles and integration within the Bio-Emulation™ approach.

November 3, 2013
Michel Magne, MDT

Local Anesthesia: 30+ Years of Hits, Misses and Near Misses

Sunday, November 10, 2013
Mel Hawkins, DDS, BScD, AN

Advances in the Management of Dental Conditions

November 17, 2013
M. Anthony Pogrel, DDS, MD

Avoid Liability; Know Your Patients' Medications and Their Impact on Dental Treatment

December 8, 2013
Harold L. Crossley, DDS, MS, PhD

Restoration of Endodontically Treated Teeth

January 12, 2014
Leif K. Bakland, DDS | C. John Munce, DDS, MS
Nadim Baba, DMD, MSD | George Bogen, DDS

ALUMNI STUDENT CONVENTION

February 6 - 9, 2014

Practice Management

February 23, 2014
Jim Rhode, BME, CSP | Naomi Rhode, RDH, CSP, CPAE

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LOMA LINDA UNIVERSITY
School of Dentistry

ALUMNI STUDENT CONVENTION

February 6-9, 2014

Orthodontics

February 6, 2014

Neal C. Murphy, DDS, MS

**Treating and Managing
the Geriatric Patient**

February 7, 2014

Stephen K. Shuman, DDS, MS

**Homecoming Banquet
Honoring Class of 1964**

February 6, 2014

Class Reunions

February 8, 2014

Scientific Sessions

February 6 – 7, 2014

**34th Annual
Anesthesia Symposium**

February 9, 2014

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Dentistry Alumni Association
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Restorative Materials

February 9, 2014

Charles W. Wakefield, DDS

Alumni Association Board business

The Alumni Association of the Loma Linda University School of Dentistry's Constitution states that its principal objective is to mobilize the full strength of the organized alumni in support of the School's educational programs in all their spiritual, moral, and practical manifestations. With these considerations in mind, the primary purposes of this Association shall be to:

- Promote the interest of Loma Linda University
- Secure unity among its alumni
- Foster an attachment to its Alma Mater
- Enlist its members as continuing participants in and informed champions of the unique program of dental education at Loma Linda University
- Engage its members as active Christian dental evangelists, recognizing the role that Loma Linda University was designed to perform in spreading the Gospel to all the world
- Aid its members in the attainment of the highest ethical and scientific standards and professional practices
- Assist in general charitable and educational purposes and generate financial support for the dental education programs.

With the School's new dean, Ronald J. Dailey, PhD at the helm, and in light of the purposes listed above, the Alumni Association's Board of Directors may have a slightly adusted ethos. Dr. Dailey has expressed his intent to be actively involved in the Association and with the alumni in general. He will be available to interact with the various stakeholders at the California Dental Association in San Francisco in August and is looking forward to the February 2014 Alumni Student Convention (ASC) when he can visit with students and alumni.

The Alumni Association remains a vital part of the School of Dentistry. Its Board members and the alumni in general represent the School very well. Dean Ronald Dailey looks forward to alumni input and to associating with alumni on a regular basis.

Plan on coming to the February ASC and spending some time with the dean!



New Alumni Association board members (L-R): Scott Smith, SD'09; Marcus Paulson, SD'05; Judy Heinrich, SD'88; Dennis Simental, SD'09; Neal Johnson, PhD'04, SD'08; not pictured: Steve Filler, SD'81; Tres Hoffer, SD'96

Dean's Circle celebrates dean

A record number of participants convened for the annual Dean's Circle dinner at Summit House in Fullerton, California, on April 11, 2013. The Dean's Circle, instituted by Dean Judson Klooster, DDS, in 1994 with 44 members,



Dean Goodacre places a pin on Milford Anholm, DDS, MS'62, for 25 years of Dean's Circle membership, as David Rynearson, SD'71, MS'87, associate professor, Department of Orthodontics and Dentofacial Orthopedics, looks on.

now has more than 350 currently supporting members, each of whom makes annual gifts to any School of Dentistry fund totaling \$1,500 or more.

In one highlight of the evening, Dean Charles J. Goodacre, SD'71, MSD, presented anniversary pins to those whose



Dean Goodacre and his wife Ruthy bask in the appreciation of colleagues and friends.

membership has spanned five-year incremental periods over the Circle's 25 years.

Following these presentations, the program took an atypical turn as faculty, alumni, staff, family and friends reviewed and



Revadee Tan Veranunt, SD'88, receives a five-year pin. Her husband, Chakri Veranunt, and her daughter Charlene, class of 2016, are also Dean's Circle members.

recalled in a series of video segments Dean Goodacre's 19 years of exemplary leadership at the School. His colleagues noted his tremendous impact on the School and on the profession of prosthodontics: his concern to achieve diversity of methods in dental education, his vision to extend influence beyond the local or national level, his unique contributions in research, all exuding his passion for dentistry and performed with grace.

Funds submitted in appreciation of Dr. Goodacre provided a personal gift to him: a hand-carved Thomas Moser Pasadena cherry wood rocker, created by a craftsman much admired by the dean, himself a skilled carver; and the Naylor/Goodacre Prosthodontic Scholarship Fund.

In what he called "closing remarks," Dean Goodacre enunciated his confidence in the three foundational characteristics of the School of Dentistry: clinical excellence, spiritual values, and service to the community. He noted that further strength comes through use of scientific evidence in the educational process, involvement in relevant research in the clinic, and incorporation of technology in the classroom and in the operation of the School. Looking ahead, he expressed hope that future generations will be inspired to become "more knowledgeable, more skillful, and more innovative than those who taught them."

Prolonged standing ovations for Dean Goodacre and for his wife Ruthy bracketed the dean's closing remarks and climaxed the evening for members of the Dean's Circle.

The Goodacre legacy

A vigorous, energetic dean, Dr. Charles Goodacre took most of the staff and faculty in Prince Hall by surprise when he announced he was stepping down as School of Dentistry dean, effective June 2013. The School has benefited in many areas from the dedicated services of this world-class professional whose stature in the global dental community has contributed to the reputation of LLUSD as an institution of quality, innovative dental education.

In nineteen years of deanship, Dr. Charles Goodacre's office has been the site of what a colleague has called the performance of a skilled and accomplished leader: "He delegates ambitiously and then withdraws to permit innovation and individual talent to proceed."

Under Dr. Goodacre's leadership the Loma Linda University School of Dentistry has pursued issues of curriculum development to emphasize evidence-based learning. It has seen the establishment of a Center for Dental Research that engages in world-class, clinically relevant research. An increased service-learning component that involves students in community outreach has enhanced student awareness of where their expertise is most needed. A new facility housing a comprehensive faculty dental practice and the Advanced Specialty Education Program in Orthodontics and Dentofacial Orthopedics opened in 2010. A dental hygiene associate of science degree program began in 2011 in Palm Desert, and 2012 saw the opening of a Center for Research and Education in Technology in which students, under faculty supervision, treat patients utilizing the very latest in dental technology. Expansion of the Dean's Circle, created to encourage annual giving and recognize loyal alumni and friends of the School, has lifted alumni philanthropic giving to a new level.

Dr. Goodacre has demonstrated a personal academic orientation, regularly occupying classrooms as professor of prosthodontics throughout his deanship. While serving as dean, he published 49 refereed journal publications as well as a textbook and multiple textbook chapters. He has given over 400 invited presentations and represented Loma Linda in over 250 of these lectures. Wedged in between his various duties as dean, he has initiated and supervised the production of an array of innovative teaching tools.

As a pioneer in distance education, Dr. Goodacre was teaching the Science of Dental Materials in 1972 in a course broadcast via television to regional extension campuses in Indiana. More recently he has developed an array of on-line CE courses as well as CD-ROM, DVD-ROM, and Internet-based programs in implant dentistry and numerous other dental care topics. Another colleague comments, "His development of innovations in interactive electronic teaching and learning methods and the acquisition and utilization of 3D Computed Tomography (3DCT) and Computer-Aided Manufacture (CAD/CAM) technology has placed LLUSD at the forefront of teaching dental school graduates the use of these emerging technologies in the practice of dentistry."

A fellow prosthodontics educator comments, "Dr. Goodacre is an icon in advanced prosthodontics, known all over the world, and he is the best dean that I have ever met. I don't know anybody who has accomplished so much in prosthodontics and been a great dean too. It is a great accomplishment."

A recipient of notable academic honors (on an average of one every other year), Dr. Goodacre's initial dental recognition came with the President's Award for Outstanding School of Dentistry Student of the Year

when he graduated as president of his class. He was honored twice at Indiana University School of Dentistry: once with a Best Clinical Instructor Award (1975) and later with an Outstanding Full-time Instructor Award (1987). His students profited from his creation of large, anatomically correct models of teeth types for the tooth morphology course. This project paralleled other creative achievements as Dr. Goodacre became avocationally accomplished at woodworking, winning recognition for his artistic carving skills.

Among other prestigious awards, Dr. Goodacre became the 2003 Educator of the Year in the American College of Fixed Prosthodontics and received the George Moulton Award from the American Academy of Fixed Prosthodontics. His research gained recognition by the Greater New York Academy of Prosthodontics with the Schweitzer Research Award. He became an inaugural winner of the ADEA Gies



Dr. Goodacre addresses a gathering of oral healthcare industry manufacturer executives at the opening of the Hugh Love Center for Research & Education in Technology.



Above (L-R): Dr. Edward F. Rossomando, CRET founding director, and director of the Biodontics Program, University of Connecticut School of Dental Medicine; Loma Linda University School of Dentistry Dean Charles J. Goodacre; Loma Linda University President Richard Hart, and Charles F. Cohen, chair, Industry Advisory Council for CRET, cut the ribbon opening the Hugh Love Center for Research & Education in Technology.

Foundation Award for Outstanding Innovation by a Dental Educator and was granted Honorary Fellowship in the Faculty of Dentistry, Royal College of Surgeons in Ireland.

Enriching and enabling the dean's success in the School have been the dynamic, supportive members of his family: wife Ruthy, a registered nurse, has been a buoyant first lady who also assists her husband in his practice. Their daughter Ashley completed the Physicians Assistant program at Loma Linda University and is working in Riverside. Their son Brian



Dr. Goodacre participates with Mary Hartwell, dental clinics manager, at the 2010 Clinic With A Heart.



Dr. Goodacre at his desk making decisions

just graduated with his Doctor of Dental Surgery Degree and anticipates a career in prosthodontics.

It is clear that Dean Goodacre, who spent 1971 to 1994 at the Indiana University School of Dentistry (first as a master's



Dr. Goodacre flashes a characteristic smile in front of the School he directed for 19 years.

candidate and then as a member of the faculty), embraced the vision of his alma mater—"to make man whole"—when he returned in 1994 to become dean. In his diverse roles as clinician, educator, researcher, administrator, and dental professional, he has provided a career-shaping model for faculty, students, and fellow administrators. Dr. Charles Goodacre has given the School of Dentistry 19 great years.

Ronald Dailey: a hands-on approach

Ronald Dailey, PhD, executive associate dean of the School of Dentistry, became the School's fifth dean on July 1, 2013, as voted by the Loma Linda University board of trustees.

Dr. Dailey is an affable and approachable figure in the halls and classrooms of the School of Dentistry. First employed at the School 38 years ago, he came as an instructor in the Department of Preventive and Community Dentistry. While teaching with distinction a spectrum of courses such as statistics, practice management, dental practice simulation, team building, research methods, human behavior in dentistry, and personal finance, he would be selected for Teaching Excellence awards in two consecutive years. Loma Linda University also honored him with its Distinguished Service Award in 2001.

In recognition of Dr. Dailey's leadership abilities, administration was added to his workload; he has served

as an associate dean for student services, associate dean for admissions, and associate dean for academic affairs. More recently he was appointed executive associate dean for academic affairs—a position that justified an accumulating list of duties he was already performing. His progression of assignments has led Dr. Dailey to call his recent past position an “office of potpourri.”

In 1994 Dr. Dailey's immersion in dental issues was reflected in his doctoral dissertation, *A Re-Analysis of the Relationship of Psychomotor and Perceptual Skills to Performance in Dental Education*, a study that influenced changes in admissions criteria for dental school applicants.

In another landmark production for dentistry, Dr. Dailey coauthored with then LLUSD professor of biostatistics, Jay S. Kim, PhD, in 2008, a textbook, *Biostatistics for Oral Healthcare*, that has been called the “first solid biostatistical text completely devoted to oral health research.”



Dr. Dailey has occupied Prince Hall's fifth-floor northwest corner office since 1994.



Dr. Dailey with former Dean Judson Klooster, circa 1990



Doctors Karen and Ron Dailey with Katie and Colin

Dr. Dailey says, “The dean’s job was not on my radar. Each job held my interest and gave new challenges.” He admits past puzzling over his continuing affiliation with dentistry. Years ago when he was invited to enter a different career pathway, he questioned Dean Judson Klooster, who was encouraging him to remain at the School of Dentistry. “Why do you want me to stay?” Dr. Dailey asked. “I’m not a dentist.”

Dr. Klooster responded, “That is exactly why I want you to stay. I appreciate the unique perspective you bring as a non-clinician.”

A contemplative Dr. Dailey muses, “I like the people here. I like working with dentists. In graduate school, I found the PhDs somewhat ethereal at times. Dentists are likely to be pragmatic when they go about their work.”

Using his long-term experience and unique perspective, Dr. Dailey has been meeting one-on-one with each of the associate deans to talk about their responsibilities. Next he will consult with department chairs and directors of the graduate programs. He regards this transition to the dean’s position as an opportunity to reassess and reassign tasks. Some of his current assignments he expects to take with him, for example chairing the institutional research committee for the University, maintaining involvement with faculty appointments and processes, and overseeing graduation events.

One of his most immediate priorities is the accreditation visit anticipated in 2016. He has been actively involved during past successful accreditation visits and notes that work is underway to address some of the new accreditation standards.

Dr. Dailey anticipates another priority in the immediate future: the Joint Commission on National Dental Board

Examination’s integration of basic, clinical, and behavioral sciences into a new national board examination slated for 2019. A single, comprehensive assessment will replace the current Part I test that evaluates basic biomedical science knowledge and the Part II exam that focuses on clinical and behavioral sciences. The consolidated dental board will

be scheduled for midway through the fourth year of dentistry.

“This is an opportunity for us to transform our pre-doctoral curriculum,” says Dr. Dailey, “and I am confident that we have the

experienced faculty resources needed to address this new challenge.”

Dr. Dailey becomes a member of a limited fraternity of dental school deans who are not dentists, including John Featherstone, MSc, PhD, dean of the University of California, San Francisco School of Dentistry. Dr. Dailey affirms the distinctive mission of LLUSD: “I have seen God’s hand in the operation of the School in many ways, and I believe that God

has clearly had His hand in my activities at the School of Dentistry.”

I can’t explain why I am still here. The School has always been like a big family, and its strong sense of team play has kept me here.”

Involved as he is in his local community, Dr. Dailey became a member of the Loma Linda city council in 2010. “Politics for me is thriving,” he comments. He admits, however, that going out to shop or eat in the community

with his wife Karen, a pediatrician, is like traveling with a rock star as parents and children who have been her patients rush to greet her. Dr. Dailey calls his children—Casey, 31, Colin, 22, and Katie, 20—“very supportive.” They join a cadre of well wishers for LLUSD’s fifth dean.

Dr. Dailey coauthored a textbook, Biostatistics for Oral Healthcare, that has been called the “first solid biostatistical text completely devoted to oral health research.”



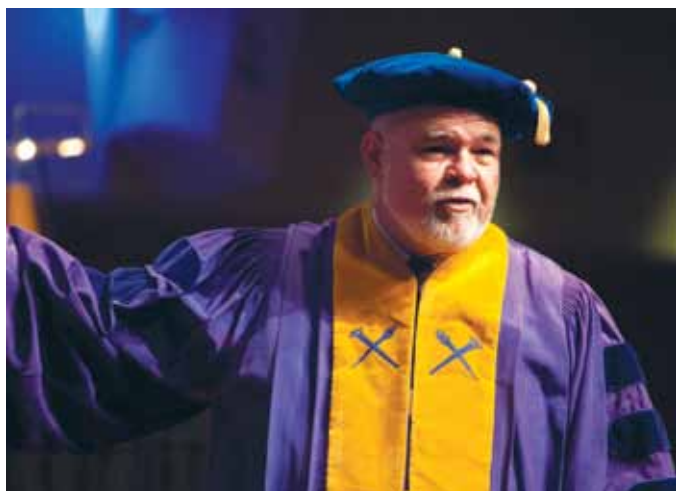
Dr. Dailey visited recently with first-year dental students (L-R) Michael Cervantes, Samantha Slikkers, and Linda Sah.

“The power of weakness”

Alumni Student Convention 2013—dedication service

Vulnerability provides the occasion for service,” John Brunt, PhD, pastor, Azure Hills, SDA Church, told a large gathering of family, friends and faculty in his homily, “The Power of Weakness,” delivered February 8, 2013, for the LLU School of Dentistry’s annual Student Dedication Service.

Dr. Brunt revised Loma Linda University’s public promotion campaign slightly into “many weaknesses, one



Dr. John Brunt expostulates.

mission,” mostly on the strength of the Apostle Paul’s second letter to the Corinthians in which he wrote, “I boast only in my weakness” and insisting enigmatically that “when I am weak I am strong.”

A rendering of “Tis So Sweet to Trust in Jesus” by Brendan Hay, D1 (piano), Janelle Junn, DH, Sr. (violin), and Robert Saunders, D1 (violin), provided a natural segue to the presentation by Mike Boyko, SD’75A, MPH, assistant professor, Oral and Maxillofacial Surgery, of the Award for Christ-like Service to Richard Lim, D4—an award that includes a scholarship.

Assembled at the University Church during LLUSD Alumni Student Convention 2013, the first- and final-year dental hygiene, doctor of dentistry, and International Dentist Program students—334 in all—crossed the stage individually to receive embossed Bibles (first year) and monogrammed white coats (graduating classes) courtesy of the LLUSD Alumni Association.

With all Bibles received and all white coats donned, Gary Chan, SD’89, MS’95, offered a prayer of dedication and Iris

Choi, SD’10, assistant professor, Department of Restorative Dentistry, led the students, and the many dental professionals attending, in a recitation of the School’s seven-point Dental Pledge.

A musical blessing, “Go Light Your World,” was delivered by a vocal ensemble comprised of Tiffany Beale, D4; April Buckins, D4; Anna Duong, D4; Joel Davis, D4; John Han D4; Richard Lim, D4; Joy Richardson, D4; John Maveli, IDP Sr. Backing the ensemble were senior dental students David Roquiz, cello; Dominique Hunt, piano; Anthony Craig, bass; and Luke Byrd, Djembe.

The benediction was pronounced by Fred Kasischke, DMin, associate dean, Admissions & Service Learning.



David Roquiz, Dentistry class of 2013, appears pleased with his monogrammed white coat.



Eight white coat recipients provide musical praise (L-R): Anna Duong, DDS'13, Joy Richardson, DDS'13, April Buckins, DDS'13, John Han, DDS'13, Richard Lim, DDS'13, John Maveli, IDP'13, and Joel Davis, DDS'13. Anthony Craig, DDS'13 (inset), on bass, smiles behind soloist Tiffany Beale, DDS'13.



Robert Saunders, DDS'16, and Janelle Junn, DHBS'13 make beautiful music.



Graham Stacey, PhD, associate dean, Student Affairs, announces the names as Dean Goodacre presents Luana Vitto, DHAS'14 (class chaplain) with a Bible while Veronica Ayala, DHAS'14 (class president) waits her turn.



Dean Charles Goodacre, SD'71, MSD, marches through students, family, friends and well-wishers at the 2013 LLUSD Student Dedication service.



Dr. Mike Boyko presents the Award for Christ-like Service to Richard Lim, DDS'13.



L-R Dental Hygiene students class of 2014 Monique Esparza and Diana Ferguson receive Bibles.

54th Alumni Student Convention celebrates waymarks

The 54th annual School of Dentistry Alumni Student Convention banquet at the San Bernardino Hilton was an evening of good fellowship, food, music, humor and some pathos. The fellowship involved the seating of 163 alumni, well represented by the honor class of 1963 and a substantial gathering of prosthodontists. The humor was provided by emcee Pete McLeod's easy stage management, jokes, and the lyrics of familiar tunes altered for the occasion—ditties and jokes that established a light and relaxed mood. The pathos always involves those alumni missing in action.

Accompanying himself with his ukulele, McLeod used the tune of West Side Story's "Tonight," to remind the honor class of 1963, "You were young once" and that it cost them only \$4,200 to complete dental school, in contrast with \$255,000 or more today.

The Class of 1963's curriculum vitae includes, McLeod noted, seven who have served as faculty (including an associate dean)—two in Restorative Dentistry, three in the Orthodontics and Dentofacial Orthopedics department, and one Endodontics. Several members of the class served their country in the Navy, Army, and," the emcee joked, "the Pathfinders," ignoring the Air Force and the Marines. The class also included an Alumnus of the Year, a treasurer of the Alumni Association, a dental society president and a specialty board president.

A persistent memory from the class of 1963 is how warm it was in Loma Linda when they arrived on campus in 1959—114 degrees, and they wondered how they would survive.

Then a newcomer to the Inland Empire, Jan Davidian didn't realize for his first six weeks in dental school that San Bernardino had mountains. But he said he would "always be grateful for Dr. Neufeld's prosthodontics training."

Lionel Rentschler said, "I'm still proud to be an LLUSD graduate and a member of the Class of 1963, but when I look in the mirror now I cry."

The honored class had the sobering experience in 1963 to graduate in the year that John F. Kennedy was assassinated and Martin Luther King gave his "I have a dream" speech.

Twelve members of the honored class who have not made it this far were remembered—along with long-time faculty member and administrator, Kenneth E. Wical,

Boris Byne Belko
Norman C. Bunker
Alden Lee Denman
R. Allen Elloway
Curtis Ray Fisher
Lloyd E. Gauntt

Victor Elwood Knolty
James Franklin Lowry
Leland Leon Nixon
Gerald C. Pendleton
Winfield Crosby Scott
Jack H. Sloan

USC'56—with a slide show of their images backed by Kathy Troccoli's version of "Go Light your World."

Dr. Davidian took the microphone to say that he'd polled his 1963 classmates who had decided that "because of the bad economy and everything, we were either going to be able to come to the class reunion or give a donation to the School." There was a lot of laughter when he added, "We decided to come to the banquet." But there were cheers and applause when he presented Dean Goodacre with an eleemosynary check from his class for \$96,706, the most recent contribution that brought the 1963 cohort's cumulative alma-mater-directed munificence to \$925,884.77.

With all that money in hand, Dr. Goodacre asked Dr. Stephen Morrow to "come over here and be embarrassed appropriately." He explained how Dr. Morrow joined the LLUSD faculty in 1962, left for a time and rejoined in 1982 to serve continuously until the present as a "teacher, previous department chair and his current responsibility as director, Patient Care Services & Clinical Quality Assurance" where, Dr.

Goodacre said, "he has been the driving force behind the development and implementation of our quality assurance program."

In 2010, Dr. Morrow was appointed by Governor Arnold Schwarzenegger to the California Dental Board that represents all the dental schools in California. "He has been instrumental recently," Dean Goodacre added, "in redefining the initial dental licensing requirements that in the near future will make the process much more realistic for students."



Ruthy and Charlie Goodacre enjoy the entertainment.



Musical humor on the ukulele from emcee Pete McLeod.

“Dr. Morrow’s efforts have helped effect changes in California dental education and licensing protocols so that from now on students will be licensed when they graduate.

“Because of your commitment to the School of Dentistry, the profession, your church, and those in need of dental care, I am pleased to present you with the 2013 Distinguished Alumnus award.”

Dr. Morrow responded saying, “I’ve always had a desire to make a difference in the world ... and ... when the opportunity was afforded me to join the faculty I did so because I thought it was another door that had opened for me to make a difference in students’ lives, to make a difference in patients’ lives. A number of you have been students in one or more of my classes over my 30-plus years. Some of your children have been students in one or more of my classes in the last 30-plus years. It is my hope and my goal that I have made a difference in your lives and in the lives of your patients. I know you all have made a difference in mine.”

Applauding the prosthodontics graduate program

If it seemed as though there were prosthodontists everywhere, it was because a portion of the evening was reserved to honor the twentieth anniversary of the Advanced Specialty Education Program in Prosthodontics.

The emcee sang “Kattadiyil” to the tune of the Beatles’ “Yesterday,” searching in vain for a rhyme as he introduced Mathew Kattadiyil, DDS, MDS, MS’99, director of the Advanced Specialty Education Program in Prosthodontics—a young man, he explained, who grew up in India playing cricket and dreaming of the day when he would recount the origins of the School of Dentistry’s postgraduate program in prosthodontics at the San Bernardino Hilton banquet hall.

Dr. Kattadiyil provided a brief review of the origins and progress of the Advanced Specialty Education Program in Prosthodontics from its beginnings in 1993 as driven by “the need for specialized support for the restorative phase of implant treatment.” He included the satisfying statistic of the program having “54 graduates with postgraduate certificates, and 15 with master’s degrees.” (A succinct overview of the program’s history may be viewed on page 20.) Fifty percent have been faculty at one point or another.

Dr. Kattadiyil then segued into remarks of appreciation for the leadership of Dr. Goodacre, both as a director in Advanced Prosthodontics and as dean of the School of Dentistry for 19 years.

It’s a great privilege to introduce and honor Dr. Goodacre. Most of you in the audience are familiar with all his accomplishments as dean and as one of the premier prosthodontists in the country.

I remember coming here in 1995, the same year that Dr. Goodacre was appointed as dean and watched over the subsequent years as the reputation and prestige of our school increased and expanded over the globe.

He has been a visionary and has made changes and improvements in timely fashion leading from the front in his keen desire to elevate our status as one of the premier institutions in the country.

Very few deans have been able to combine their administrative roles and still maintain their activity and involvement in their respective specialty. Dr. Goodacre has managed this effectively and seamlessly, combining his contributions to the field of prosthodontics with Loma Linda University. Some examples

The emcee sang “Kattadiyil” to the tune of the Beatles’ “Yesterday,” searching in vain for a rhyme.

would be the development of the Implant DVD created under his leadership that is utilized by the students all over the world. Interactive learning pro-grams and

electronic content in Teeth Arrangement, Head and Neck Anatomy, Tooth Preparation, Atlas of Human Occlusion and TMJ, Color and Shape Selection Morphology, each one better than the other, have brought prominence to our School and University.

He continues to work on interactive programs, the latest and most exciting project being the one on complete dentures which I promise you will be a masterpiece.

On a personal level, I can tell you that he inspires me every time we interact, offering suggestions, ensuring that he keeps me involved and engaged in his projects and offering his considerable advice whenever required, helping me become a better prosthodontist and educator.

We have all the program directors present here today, and I must tell you because of his presence here at the School for those 17 out of the 19 years, he has placed an indelible stamp



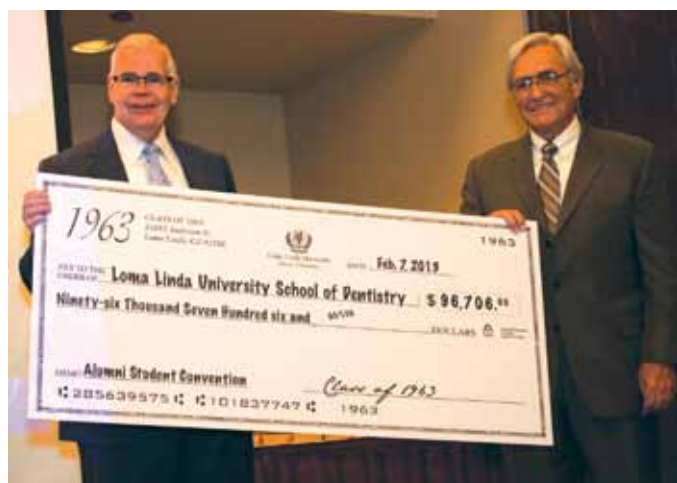
Dr. Steven Morrow receives the Distinguished Alumnus award from Dean Goodacre.



After a few kind remarks, Dr. Kattadiyil turns the podium over to Dean Goodacre.



Dr. Goodacre pauses during a standing ovation from alumni, co-workers, friends, and well-wishers.



Class of 1963 representative Jan Davidian presents a check to Dean Goodacre for \$96,706.



Wayne Pundt, class of 1973, presents a check to Dean Goodacre for \$24,648.



Keith Corbett, class of 1978, presents a check to Dean Goodacre for \$73,727.



Dean Goodacre receives a check for \$510,300 from class of 1983 members Ron Forde, Bryce Bray, and Donna Bankes-Helmich.



L-R: Irv Logan, SD'63, Charles Goodacre, SD'71, MSD, Wayne Campagni, DMD, Mathew Kattadiyil, DDS, MDS, MS'99, Jose Torres, DDS, MSD, Guillermo Bernal DDS, MSD, (not present: Tony Daher, DDS, MED)

History of Advanced Specialty Education Program in Prosthodontics

The Advanced Specialty Education Program in Prosthodontics originated in 1993. The National Association of Seventh-day Adventist Dentists (NASDAD), School administration, Judson Klooster, DDS, dean at the time; Robert A. James, DDS, MS'72, then director of the Implant Dentistry Program; and G. Irving Logan, SD'63, then chair, Restorative Dentistry; envisioned a graduate prosthodontics program at the School of Dentistry. Their decision was driven both by patient need and by the determination of the implant dentistry program leaders to have specialized support for the restorative phase of implant treatment.

Dr. Logan served as director from 1993 until 1995 when Dean Charles J. Goodacre, SD'71, MSD, was named acting director. The Advanced Specialty Education Program in Prosthodontics was accredited in 1995 and re-accredited in 2002 with two commendations. Under Dr. Goodacre's expert tutelage and initiative, the masters program in prosthodontics was approved in 1996. Tony Daher, DDS, MSED, was appointed director in 1997. Wayne V. Campagni, DDS, who succeeded him in 1998, modified and implemented the program curriculum.

With both the Prosthodontics and Implant Dentistry programs requiring more graduate students, space and clinical chair time became valuable commodities resulting in the prosthodontic program move to its present location at the north end of the main clinic floor.

Guillermo Bernal, DDS, MSD, was appointed co-director with Dr. Campagni in 1999, becoming director in 2001, while Dr. Campagni served as co-director. Dr. Campagni resumed the position of director upon Dr. Bernal's departure in 2003.

In January 2004, F. Jose Torres, DDS, was appointed interim director while Mathew T. Kattadiyil, DDS, MDS, MS'99, served as associate director.

In July 2005, Dr. Goodacre resumed the position of acting director while Dr. Kattadiyil continued to serve as associate director. Dr. Daher, was appointed as the director in January 2006.

In October 2006, Dr. Kattadiyil was appointed interim director of the Advanced Specialty Education Program in Prosthodontics.

Dr. Kattadiyil has been director of the Advanced Specialty Education Program in Prosthodontics since he was appointed to the position in June of 2008.

nudging and pushing each one of us to do better. He has stepped in himself as interim director when the program needed him, taking on dual roles while dean and still continuing to do both roles with elan.

After reciting a list of Dr. Goodacre's awards and accomplishments (see pages 10, 11) Dr. Kattadiyil concluded: "Dr. Goodacre, I am honored to know you and work with you and hope we continue that partnership. The School honors you and we cannot thank you enough for your service and dedication. You are wished the very best, and we look forward to admiring your future work as one of the premier dental educators in the country and we will miss you as our dean."

The alumni banqueting crowd honored Dr. Goodacre with a standing ovation that he acknowledged with a few remarks:

Thank you everyone. I appreciated the journey. It's been an honor for me to be a small part of the School. When I came here, I inherited a wonderful school with a strong foundation in what I perceived as three unique areas. First is one of the best clinical educations you can find anywhere; second, a school that values spirituality, incorporating openly religious values into its curriculum; and, third, the importance of humanitarian outreach and service learning as we call it today. Those were three hallmarks that were part of the School at its founding and they continue. And I just decided we'd try to sustain those and improve them as best we could. And [fourth] I would have particular interest in bringing some other areas into the picture: research, evidence-based dentistry, and [the effort] really [to] try to raise that even further than what it had been. And I think we've made some modest progress there. And a fifth area of the School that I hope is maintained is technology, because the whole world is being driven by technology. Technology is infused into diagnosis and treatment planning and the actual treatment that we do. So we've made some modest strides culminating this year with the opening of our Center for Research and Education in Technology. For the first time we've brought together commercial interests along with education.

I've appreciated the journey. And thank you all for the privilege.

Dr. Goodacre used his handkerchief and then said, "Pete, are you on? Why don't you take over."

"Well, prosthodontically speaking," McLeod recovered the stage, "I hope I'm making a good impression." And then he introduced Gary Chan, SD'89, MS'95, as new alumni association president in absentia.

Following the presentation to Dr. Goodacre by class representatives of three more large checks, he said he "couldn't imagine a better and more generous group of alumni" and closed the occasion with prayer.

Patrick Naylor concludes 17 years of service

W. Patrick Naylor, DDS, MPH, MS, associate dean for Advanced Education, retired from his position, effective July 1, following seventeen years of distinguished service on the faculty of the School of Dentistry.

Family commitments on the east coast were such that for the past year Dr. Naylor has been commuting for monthly, one-week administrative stints while the School searched for a replacement.

With postdoctoral degrees from Harvard University School of Dental Medicine (MPH, 1981) and Indiana University (MS, 1988, in Dental Materials), Dr. Naylor taught for three years at the School of Dentistry, University of Texas Health Sciences Center, San Antonio, and four years at the Indiana University School of Dentistry before joining LLUSD in 1996 as adjunct associate professor, Department of Restorative Dentistry. In 2006 Dr. Naylor was appointed associate dean for Advanced Education as well as to membership of the Graduate Council Faculty of Graduate Studies.

His 20-page curriculum vitae includes 26 peer reviewed publications, five textbook chapters, one textbook authored (an introduction to dental materials), three books on financial management topics, and 100 presentations on subjects related to his dental specialty and dental practice finance and management. Many LLUSD graduates have benefited from his mentoring of the School's Investment Study Club.

Dr. Naylor has been instrumental in preparing self-study reports for the School's accredited graduate programs and

in editing sections of the LLUSD self-study reports for the predoctoral program in preparation for the Commission on Dental Accreditation site visits of 2002 and 2009.

More recently (March 26-April 9, 2010), Dr. Naylor represented the School by teaching a basic course in metal-

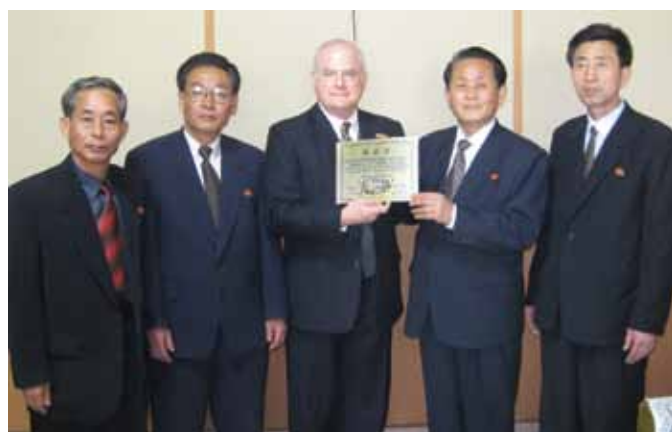
ceramic technology and treating patients at the Dental Department of the Pyongyang Medical University Hospital (now part of Kim Il Sung University), in the Democratic People's Republic of Korea, where he lectured again in November of 2011.

Dr. Naylor also spent three weeks in April 2012 at the University of Dammam, College of Dentistry, in Saudi Arabia, where he lectured and taught several one-day courses in Metal-Ceramic Technology and where he signed on behalf of LLUSD a contract between the School and the University of Dammam for a program under which LLUSD faculty subsequently have begun teaching periodically at that university's College of Dentistry.

His departure elicits regret from outgoing School of Dentistry Dean Charles Goodacre: "Dr. Naylor is one of the finest individuals and professionals I have ever had the privilege of working with during my career. His combinations of organization, attention to detail, integrity, and skill have been of immeasurable benefit to the School of Dentistry. I will miss his special expertise and the opportunity to regularly work with him."



Dr. Patrick Naylor



Dr. Ryu Hwan Su, deputy president of the Pyongyang Medical University Hospital, along with other officials, presents Dr. Naylor with a certificate recognizing his teaching at the hospital's dental department.



Dr. Naylor mentors two Democratic People's Republic of Korea dentists at the Dental Department of the Pyongyang Medical University Hospital during a basic metal-ceramics course.

Resin infiltration: a serendipitous benefit*

Samah Omar, DDS, MSD

The resin infiltration concept was developed by Paris and Luke¹ in 2007 and became popular in Europe. DMG America developed the Icon[®] system based on the same concept, and it was introduced to the American market in 2009.

Caries infiltration is an alternative therapeutic approach to fluoride and other remineralization therapies to prevent the progression of enamel carious lesions. This treatment is applied for the purpose of occluding the microporosities within the carious lesion body through infiltration by low-viscosity, light-curing resins that have been optimized for

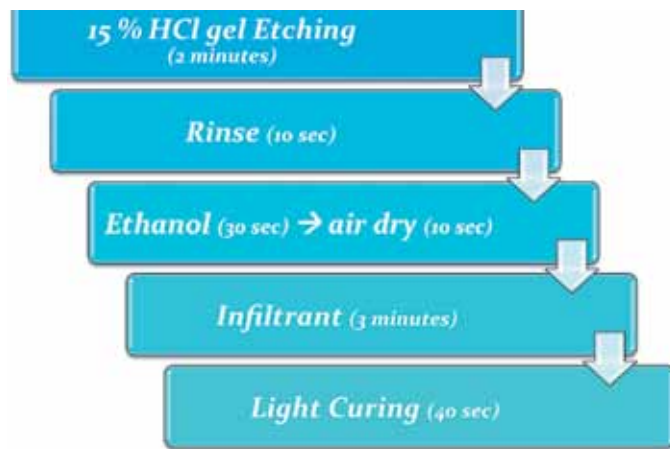


Figure 1. Steps of Resin Infiltration application (manufacturer recommendations)

rapid penetration into the porous enamel.¹ Resin infiltration utilizes resins with extremely high penetration coefficients. Although remineralization works well on shallow lesions, with deeper lesions, such as the ones that have progressed through the Dentino-Enamel Junction and into the first third of the dentin, remineralization may not achieve great success. Moreover, resin infiltration is a one-time application (Figure 1) that does not depend on patient compliance, by contrast with all modalities that are used for remineralization such as topical fluoride application and casein phosphopeptide–amorphous calcium phosphate (CPP-ACP). It is also reported that enamel lesions lose their whitish appearance when their microporosities are filled with the resin and look similar to sound enamel. Consequently, this treatment may be used not only to arrest enamel lesions but also to improve the esthetic appearance of buccal white spots.²

* For a more comprehensive discussion of this topic see: Omar SI. Using resin infiltration to treat developmental defects of enamel: Three case reports. J Res Dent 2013;1:31-5.

Besides arresting interproximal caries, resin infiltration can be used to treat smooth surface cervical decalcifications and post orthodontic treatment white lesions. In what follows, readers are introduced to the Icon[®] resin infiltration system and some clinical cases that demonstrate its successful use.

Interproximal Caries Treatment

Caries inhibiting effects are achieved primarily by retarding the diffusion process through occlusion of the pores within the lesion body. Caries infiltration is intended to convert active lesions to inactive lesions by creating a resinous layer within the lesion body that acts as a diffusion barrier.³ Hydrochloric acid (HCL) is used for etching enamel because it erodes the enamel surface more efficiently than does phosphoric acid (30 microns compared with five microns for phosphoric acid).^{4,1,5,6,7} HCL must be used with caution because it is highly caustic and potentially damaging to gingival tissues. To prevent tissue necrosis, retraction of the gingival tissues, and the use of rubber dams, is highly recommended.

Results from multiple studies (in vitro, in vivo and in situ), have demonstrated that infiltrated enamel lesions progress significantly more slowly compared with untreated enamel.^{3,1,8,9} They also showed that caries infiltration is efficacious in inhibiting further demineralization under highly cariogenic conditions.⁹ DMG developed a proprietary system to deliver the resin infiltrant to the interproximal lesions (Figure 2). The steps of the procedure (explained in Figure 3) illustrate the clinical sequence for resin infiltration in posterior teeth.

A major drawback of this material is the fact that it does not contain a radiopaque agent and the treated lesions will still

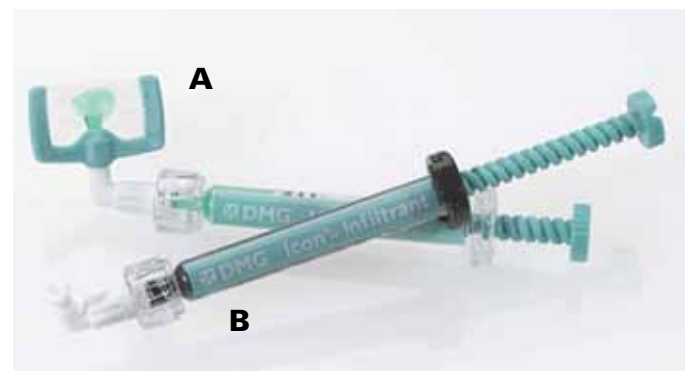


Figure 2. Resin infiltration system interproximal applicator (A) (The membrane is perforated from one smooth surface applicator) and smooth surface applicator (B)



Figure 3a. Separators were placed a few days before the appointment to open the contact area.



Figure 3b. Rubber dam and Icon special interproximal wedge in place



Figure 3c. HCL application using Icon interproximal applicator



Figure 3d. Rinsing for ten seconds



Figure 3e. Icon® dry



Figure 3f. Resin infiltrant application

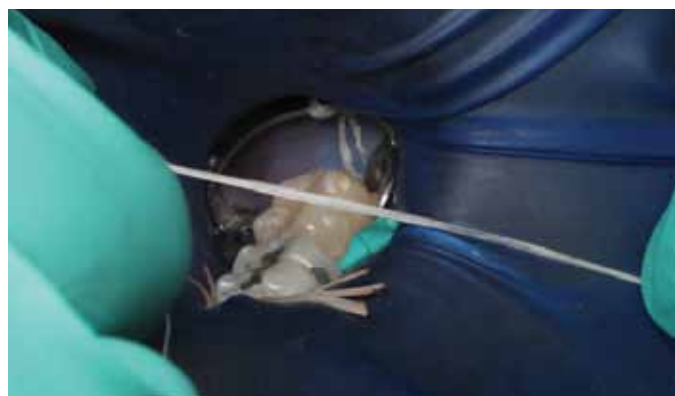


Figure 3g. Dental floss should be used to remove excess material.



Figure 3h. 40 seconds of light curing

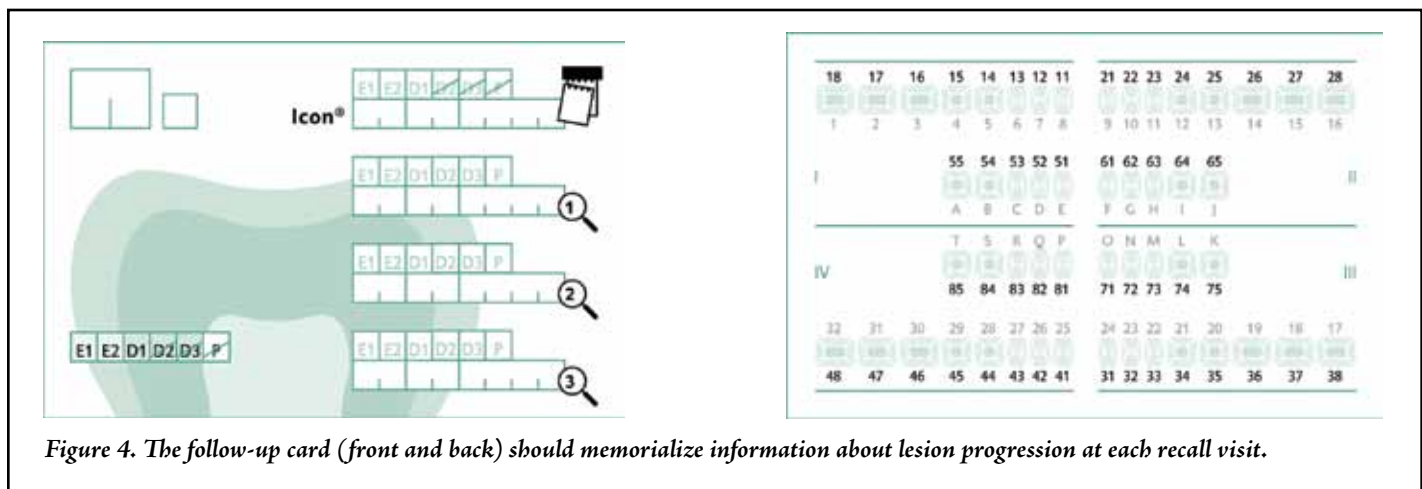


Figure 4. The follow-up card (front and back) should memorialize information about lesion progression at each recall visit.

appear radiolucent on radiographs. Consequently, unless the patient mentions that his/her teeth were treated with the Icon® infiltration system, some dentists may attempt to restore these lesions. DMG recommends that patients carry a card with them and present it if they change care providers. The card should display all findings from previous recall exams (Figure 4). The manufacturer recommends using this material to treat superficial lesions with minimal extension in the DEJ only and restore deeper ones (Figure 5). A few studies compared the effectiveness of resin infiltration with the application of topical fluoride and found less lesion progression and more resistance to acid challenge in the resin infiltration treated groups.^{10, 11, 12}

Other clinical applications

Post orthodontic decalcifications are common when oral hygiene, during orthodontic treatment, is compromised. These lesions generally improve within six months after the completion of orthodontic treatment and the removal of brackets—an effect that probably is due to remineralization and improved access to oral hygiene. The use of fluoride and CCP-ACP is successful in some refractory cases, but it is unpredictable and highly dependent on the patient's compliance and patience. Figure 6 shows a case of post orthodontia decalcification in a 14-year-old female treated successfully with resin infiltration at the LLU School of

Dentistry's pediatric dentistry clinic. This successful outcome remained stable during 18 months of follow up (Figure 6). This improvement is attributed to the fact that enamel lesions lose their whitish appearance when their microporosities are filled with resin and resemble the surrounding enamel.² The case demonstrates the efficacy of resin infiltration not only to arrest early enamel lesions but also to improve the esthetic appearance of buccal white spots.

Based on these observations, the Icon® system was used to mask the color of developmental white lesions with very successful results. Figure 7 shows a case that was treated in the LLUSD pediatric dentistry clinic. Few published studies have evaluated the masking effect of resin infiltration on developmental white lesions and attributed the improvement to the fact that resin infiltrants occlude the microporocities of white lesions thereby changing the refractive index of enamel and, consequently, its reflection of light in a way that masks lesion opacity.^{13, 14} After working with the Icon® resin infiltration system for the past couple of years in the School's pediatric clinic, it was observed that the color improvement becomes more evident several days following infiltration and after the tooth rehydrates and the color stabilizes. Its use for that purpose is based on clinical findings at the LLUSD pediatric clinic. From a clinical standpoint, the Icon® system demonstrated 70-80% improvement in masking the white color of non-cariou developmental enamel lesions and even higher in some cases. The manufacturer of Icon® system (DMG) mentioned on its website that Icon provides a highly esthetic alternative to microabrasion and other restorative treatments for cariogenic white spot lesions and that white spot lesions infiltrated by Icon® take on the appearance of the surrounding healthy enamel. However, they did not mention or give any recommendations regarding treatment of non-cariou developmental white lesions. Its use for that purpose in our clinic is based on clinical observations and personal experience.



Figure 5. DMG's (the manufacturer) recommended treatment for interproximal lesions.

The documented results of using the resin infiltration for the treatment of developmental white lesions are promising; however, cases have to be selected carefully and the patients must be aware of the limitations of the material and the necessity of long-term follow up. Although most of the published research studying the physical properties of the resin infiltration material was supported through funding by DMG, recently published independent studies have attempted to evaluate the clinical performance and the physical properties of the system. Among these

opt to use the process for post orthodontic decalcification or white developmental lesions in the anterior teeth.

Resin infiltration has a promising future due to the conservative nature of the procedure and the retention of sound tooth structure, especially when treating these incipient, inter-proximal lesions. Despite its several advantages, some practitioners remain reluctant to use the material due to its high cost, their unfamiliarity with it, and the lack of long term follow up studies.



Figure 6a. Post orthodontic decalcifications



Figure 6b. After Icon® infiltration system

are assessments of microhardness, surface roughness, microleakage, color stability, effects on orthodontic bracket bonding, and effects of bleaching on treated enamel.^{15, 16, 17, 18, 19} The use of this material as an occlusal sealant also has been investigated.^{20, 21}

Recently the ADA approved a billing code (D2990) for the use of resin infiltration. It remains, however, a modality not yet covered by most insurance providers. And because of the high cost of the material, most parents choose to restore the interproximal lesions (or monitor them), instead of using the resin infiltration to treat incipient interproximal lesions. On the other hand, due to the cosmetic benefit, most clients



Figure 6c. Twelve month follow-up



Figure 7a. Developmental white spots



Figure 7b. After treatment

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Samah Omar, DDS, ID'07, MSD'10, assistant professor and associate director, Advanced Specialty Education Program in Pediatric Dentistry.

Pediatric Dentistry: the quiz

Circle the letters of the correct answers.

- Patients treated with Icon® must carry a special card that has the following information:
 - Name of the patient, tooth/teeth treated surfaces, date of treatment.
 - Name of the patient, date of treatment/recall, tooth/teeth treated surfaces, extension of the lesion in subsequent recalls.
 - Name of the patient, name of treating dentist, date of treatment, treated tooth.
- Which statement describes the resin infiltration material the best?
 - It is a new material that is used to re-mineralize hypoplastic enamel.
 - The material has a lot of clinical applications and clinical reports show promising results.
 - Studies had proven the material is effective as an occlusal sealant.
- White spot lesions infiltrated by Icon® take on the appearance of the surrounding healthy enamel, thereby improving the color masking of the white spot. This is attributed to:
 - Reduction of the demineralized enamel after the application of Icon etch.
 - The yellow color of the infiltrant material.
 - Resin infiltrants occlude the microporocities of white lesions which changes the refractive index of enamel and, consequently, its reflection of light in a way that masks lesion opacity.
- Etching the enamel before applying infiltrant is a crucial and critical step of the resin infiltration process because:
 - Hydrochloric acid will bleach the affected enamel and improve the color of the lesion.
 - This will erode the highly mineralized surface layer and facilitate the penetration of the infiltrant.
 - It will improve the retention of the material.
- For how long should the Icon® infiltrant be allowed to penetrate before light curing?
 - 1 minute
 - 40 seconds
 - 2 minutes
 - 3 minutes
- One of the most important properties if the infiltrant used in this system is:
 - Filled resin
 - High penetration coefficient
 - High viscosity
 - Colorless material
- The purpose of using resin infiltration material is to occlude the micro porosities within the carious lesion body and arrest the progression of caries.
 - True
 - False
- Icon® material can be used to arrest interproximal carious lesions including cavitated D2 lesions.
 - True
 - False
- Some of the drawbacks of the Icon material are:
 - High cost.
 - Lack of data on long-term clinical performance.
 - No third party reimbursement.
 - Cannot be detected radiographically.
 - All of the above.
- The acid used in the Icon® system is
 - 35% phosphoric acid.
 - 15 % phosphoric acid.
 - 35% hydrochloric acid.
 - 15 % hydrochloric acid.

Name _____ DDS/DH Lic.# _____

Date _____ Mailing address _____ / _____ / _____

Phone _____ Street City State Zip code

After answering the questions and completing this form, mail the entire sheet (or photocopy) to:

LOMA LINDA UNIVERSITY Continuing Dental Education, 11245 Anderson Street,
Suite 120, Loma Linda, CA 92354, or you may fax a completed form to (909) 558-4858.

For questions please call: (909) 558-4685

Cost \$25.⁰⁰ Please circle: MASTERCARD VISA DISCOVER Credit Card No: _____

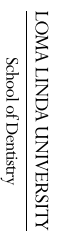
Expiration date _____ CVS No: _____

NOTE: LOMA LINDA UNIVERSITY SCHOOL OF DENTISTRY IS AUTHORIZED TO CONFER 2 HOURS OF CALIFORNIA CONTINUING DENTAL EDUCATION CREDIT FOR THIS HOME STUDY COURSE.

Sterilization Assurance Service (SAS)

ORDER FORM

Date ____ / ____ / ____



Dental Unit Waterline Testing (DUWT)

ORDER FORM

Date ____ / ____ / ____

Dr. Name (Last) _____ (First) _____

Dr. Name (Last) _____ (First) _____

Name of office _____

Name of office _____

E-mail _____

E-mail _____

Customer ID# (for current customers) _____

Customer ID# (for current customers) _____

Address _____

Address _____

City _____ State _____ Zip _____

Phone (____) _____ Fax (____) _____

City _____ State _____ Zip _____

Sterilizer Type/Number/Model: _____

Phone (____) _____ Fax (____) _____

(Supplies for each sterilizer must be kept separate for identification purposes)

☐ Steam _____ ☐ Chemical Vapor _____ ☐ Dry Heat _____

Basic (1) One test strip and one control strip per test (2) Return envelopes

(3) Monthly report (4) Binder for reports (5) Failure notification via phone

Price	Quantity	Amount
\$79/12 tests	_____	\$ _____
\$109/24 tests	_____	\$ _____
\$159/52 tests	_____	\$ _____

Optional: Certificate of participation \$12/ea \$ _____

Basic Plus (1) One test strip and one control strip per test (2) Return envelopes

(3) Weekly report (4) Binder for reports (5) Failure notification via phone

Price	Quantity	Amount
\$209/52 tests	_____	\$ _____

Intensive (1) Two test strips and one control strip per test (2) Prepaid return

envelopes (3) Certificate of Participation (4) Report on each test

(5) Binder for reports (6) Failure notification via phone

Price	Quantity	Amount
\$108/12 tests	_____	\$ _____
\$298/52 tests	_____	\$ _____



LOMA LINDA UNIVERSITY
School of Dentistry

- * Full dilutions indicate exact Heterotrophic bacteria counts
 - * Containers and ice pack for DUW testing are provided
 - * Ship DUW samples via Express Mail to SAS Laboratory
- | Price / Kits | Amount | Price / Kits | Amount |
|----------------|----------|----------------|----------|
| \$68/3 tests | \$ _____ | \$125/6 tests | \$ _____ |
| \$190/10 tests | \$ _____ | \$360/20 tests | \$ _____ |
- Optional: Certificate \$12/ea. \$ _____

Add \$10.00 per box for shipping and handling

Check enclosed \$ _____ payable to SAS-LLU

Charge: Total \$ _____ ☐ ☐

Card number _____

Exp. Date ____ / ____ CCV# _____

Mail to: Sterilization Assurance Service

Loma Linda University School of Dentistry
24879 Taylor Street, Loma Linda, CA 92350

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

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

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

Best annual Student Research presentations selected

After three evenings (February 19-21) of Student Research presentations digitally displayed by small teams of Loma Linda University dental students from the class of 2014 and dental hygiene students from the class of 2013 on the large screens of the Centennial Center's Damazo Amphitheater, sixteen teams emerged as winners.

The evenings were devoted, one each, to presentations of research in clinical, laboratory, and educational categories. Joseph Caruso, SD'73, MS'75, MPH, associate dean, Strategic Initiatives and Faculty Practices, Yiming Li, DDS, PhD, MS, director, Center for Dental Research, and Ronald Dailey, PhD, then executive associate dean, served as

moderators on successive evenings to keep the presentations moving forward, and three different panels of four faculty judges evaluated the presentations.

The sixteen winning teams (pictured below and following) competed April 11-13 against research project winners from California's four other dental schools at the California Dental Association's annual meetings in Anaheim where they won six awards and two honorable mentions.

One additional team of student researchers was added to the School's representation in Anaheim that went on to win second place in the CDA's "scientific" category.



Janelle Junn, Dental Hygiene senior, delivers as teammates (L-R) Kimberly Swanson and Nicole Black hope that moderator and judges are impressed.



Dentistry, Clinical Category, First Place, LLUSD

Andre Soumekh, BreeAnn Christiansen, Ruthanna Lee, Katie Waldron, Fallon Livingston

Microbursting to Depress the Bacterial Load

Mentor: Dr. Brian Novy

CDA Clinical Category, 3rd place



Dentistry, Clinical Category, Second Place, LLUSD

Charles Toews, Jillian Carlton, Skyler Liatti

The Diagnostic Quality of CBCT Images in the Presence of Common Orthodontic Brackets

Mentor: Dr. Leroy Leggit

CDA Clinical Category, 2nd place

Best annual Student Research presentations, continued



Dentistry, Clinical Category, Third Place

Wael Bekhit, Won Joon Lee, Paul Jang, Roberto Espinoza
Effects of Increased BMI on Dental Development

Mentor: Dr. Samah Omar

CDA Community Category, Honorable Mention



Dental Hygiene, Clinical Category, First Place

Jacquelyn Jefferies, Lindsey Rusk, Danielle Molnar, Nadia Moubayed
Comparison of Dental Caries Risk Between Supertasters and Non-Tasters

Mentors: Dr. Brian Novy & Ms. Michelle Hurlbutt



Dental Hygiene, Clinical Category, Second Place

Valrie Johnson, Karrie White, Krista Gavira, Andrea Kort
The Substantivity of Oil-Pulling on Oral Bacteria

Mentors: Dr. Brian Novy & Ms. Michelle Hurlbutt



Dental Hygiene, Clinical Category, Third Place

Sara Cheek, Jasmin Gomez, Tiana Baioa
The Effects of Musculoskeletal Stretches on the Cervical Range of Motion in Dental Students

Mentor: Ms. Shirley A. Lee

Best annual Student Research presentations, continued



Dentistry, Laboratory Category, First Place
Eric Chen, Matt Enns
Effects of Radiation Therapy on Oral Mucosa

Mentor: Dr. Mei Lu
CDA Scientific Category, 1st place



Dentistry, Laboratory, Second Place
John Kim, Troy Reichert, Kris Falk, Todd Brewer
Micromechanical Hardness of Glass Ionomer with Protective Coatings
Mentor: Dr. Brian Novy



Dentistry, Laboratory Category, Third Place
Luke Czer, Janelle Bedford, Stephanie Shin, Jeremy Haines
Effects of Repeated Sterilization on the Integrity of Dental Implant Components

Mentor: Dr. Neal Johnson
CDA Clinical Category, Honorable mention



Dentistry, Laboratory Category
James Gordon, Tod Davidson
Depth of Fluoride Penetration through Glass Ionomer

Mentor: Brian Novy
CDA Scientific Category, 2nd place

Best annual Student Research presentations, continued



Dental Hygiene, Laboratory Category, First Place

Sofia Hoang, Christine Palluth, May Mutya

Substantivity Effect of Toothpaste Against Common Oral Pathogens Found on Toothbrushes

Mentors: Mr. Ray Aprecio & Dr. Brian Novy



Dental Hygiene, Laboratory Category, Second Place

Janelle Junn, Leah Regan, Nicole Black, Kimberly Swanson

The Effects of Mineral Oil-Based Products on Latex Gloves

Mentor: Dr. Brian Novy

CDHA Research Category, 1st Place



Dental Hygiene, Laboratory Category, Third Place

Meaghan Patrick, Paige Reynolds Michelle Soucier

Identifying a Non-toxic, Anti-fog, Water Resistant Application for Intraoral Dental Mirrors

Mentor: Ms. Marilyn Heyde



Dentistry, Educational Category, First Place

Elijah Wang, Daniel Yang, Douglas Baasch

Evaluation of a Novel Interactive Model for Educating Dental Students on the Basic Principles of Exodontia

Mentor: Dr. Mei Lu

CDA Community Category, 2nd Place

Best annual Student Research presentations, concluded



Dentistry, Educational Category, Second Place

Clint Walker, Amanda Zenthoefer, Zachary Mursic, Caprice Hunter, Crismon Goude

Comparing Variability Among Graders Using Traditional and Digital Grading Methods: A Pilot Study

Mentor: Dr. John Won

CDA Community Category, 1st Place



Dentistry, Educational Category, Third Place

Marcus Baker, Kevin Stanworth, Jeff Johnson, Jason Carlson
Analysis of Dental Implant Measurements from CBCT Scans Using 3D Imaging Software: A Pilot Study

Mentor: Dr. John Won



Dental Hygiene, Educational Category, First Place

Janelle Petty, Angela Hemenway, Naska Stephens

California Dental Hygienists' Knowledge in Identifying and Treating Common Oral Ulcerative Lesions

Mentors: Ms. Michelle Hurlbutt & Ms. Patricia Lennan

SAVE THE DATE

Thursday, October 31, 2013

6:00 pm to 9:30 pm

Dean's Reception for Alumni and Friends at the American Dental Association annual meeting in New Orleans, LA, at the Hilton New Orleans Riverside.

RSVP only if attending to:

(909) 558-4754 or
sdgiving@llu.edu

Commencement 2013: “the only times we have”

Late on the salubrious Sunday afternoon of May 26, 2013, the Loma Linda University School of Dentistry graduated 210 students from its several programs: eight Associate of Science degrees in Dental Hygiene; 43 Bachelor of Science degrees in Dental Hygiene; 101 Doctor of Dental Surgery degrees; 24 Doctor of Dental Surgery degrees from the International Dentist Program; eight Master of Science degrees from the Advanced Specialty Education Programs; six Master of Science in Dentistry degrees from the Advanced Specialty Education Programs; and 32 professional certificates awarded from Advanced Specialty Education programs.

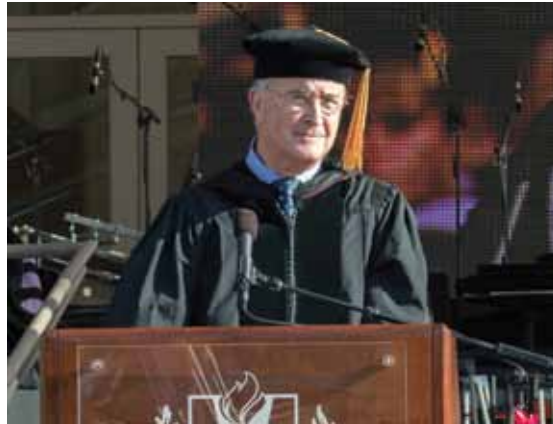
This particular spring has been a season of large transitions not only for the graduating students but for the School itself, as a new dean takes the helm and other significant administrative positions are vacated and replaced.

The considered remarks of the commencement speaker, George Zarb, BChD, MS, DDS, MS, emeritus professor, Faculty of Dentistry, University of Ontario, Canada, were empathetic, sober, and philosophical.

He quoted the German poet Goethe in speaking of teaching as “a mysterious art” that is all about “preparing others for the learning they must do for themselves.”

Dr. Zarb spoke of “how privileged we health professionals are” because our rigorous and demanding training “has prepared us to do more for our fellow human beings than so many other fields of endeavor permit.”

Recognizing the most recent century’s “legacy of threats to freedom and safety,” he mused, “I do not know if these are the best of times or the worst of times, but I



Dr. George Zarb addresses the School of Dentistry classes of 2013.



Kimberly Swanson, DH'13, tells her classmates, “We are champions.”



Jason Mashni, SD'2013, tells his classmates that from now on “points turn into production.”

know for sure that they are the only times we have.”

Dr. Zarb was confident, however, “that the health sciences will continue to evolve” and that “dentistry will also become more fluid in the long term.” He cited the old truism, “Change is inevitable but learning is optional.”

“The practice of our profession can . . . be a lonely undertaking” that sometimes feels ‘minor and even meaningless,’ Dr. Zarb commiserated. “It is at these times in particular that you must recall with certainty” that you “remain part of a noble and decent and civilized tradition of professionalism—one which permits you to recognize and affirm the dignity and quality of life of each one of your patients on a daily basis.”

Dr. Zarb concluded on an affirming note: “Embracing challenges and professional responsibility have already led to the achievements of my colleagues on this podium, and to the legacy of scholarship which this distinguished institution is so justifiably proud of. We all expect you, the class of 2013, to do even better. I feel very privileged to be your colleague today and part of this happy family celebration. I wish you all much success and serenity in the future.”

Having trained for and worked as a sports broadcaster, dental hygiene class president Kimberly Swanson not so surprisingly looked back on two years of dental hygiene training as a superbowl—“our class being one conference champion and the program being the other.” When they reached the second half, she said, “we were doing everything right and [had discovered that] our coaches really did know what they were talking about.” And although “the second half featured the dangers of senioritis and the

coming of national boards, the class passed at a rate of nearly 100 percent."

Of course, the class scored its touchdown, and as Ms. Swanson exulted vicariously for her class, "We are champions together."

Jason Mashni, dentistry class president, class of 2013, after acknowledging those family, friends, and faculty who did so much to enable their journey, looked to the immediate future "where points turn into production and competencies turn into your own set of moral standards. And although not written, you will have plenty more tests in your life. And the learning will keep coming."

Most important, he pointed out, "This diploma, it doesn't change who you are. You'll have the same insecurities, the same troubles, the same attitude. But this diploma does change how you can change somebody else's life."

In commencement tradition, before the conferring of diplomas, Charles Goodacre, SD'71, MSD, presiding over his final graduation as dean, honored three deserving faculty members with the School of Dentistry's annual awards and the following plaudits:

Teacher of the Year Award - Dr. John Won

Dean Goodacre was pleased to announce that Dr. John Won is the recipient of the 2013 School of Dentistry Teacher of the Year Award. Dr. Won completed his master's degree this year and is therefore sitting in the graduate student section.

The Teacher of the Year Award was established to recognize and honor School of Dentistry faculty whose accomplishments have made an extraordinary impact. Each year a full-time faculty member is chosen for this award based upon an excellent reputation as a teacher and having made significant contributions to the dental education program. The individual is selected based upon votes from both the students and the faculty.

Dr. Won is a 2005 graduate of our School of Dentistry and in 2009 he completed the four-year Dual Major Advanced Specialty Education Program in Prosthodontics and Implant Dentistry. He is a diplomate of the American Board of Prosthodontics. He directs the course in occlusion for first-year students, implant dentistry for third-year students, and fixed prosthodontics and occlusion for third-year students.

I took the liberty of reading the anonymous student comments about his teaching and they were overwhelmingly positive, describing characteristics such as "very thorough in explaining concepts," "easy to understand," "very approachable," "actively circulates around in the laboratory to interact with students and answer questions," "caring and personable," and "awesome." His quizzes and examinations have been judged as being very fair but also very challenging, both being desirable characteristics.

John enjoys playing sports, singing, cooking and entertaining friends; and he enjoys Porsche cars. He always has a winning smile and a positive attitude.

John, I am pleased to present you with the 2013 Teacher of the Year Award.



Dr. John Won accepts the Teacher of the Year Award from Dean Charles Goodacre.

Distinguished Service Award - Dr. Wayne Tanaka

After earning a degree in dentistry and subsequently completing a postdoctoral residency in the United States Air Force (USAF), Dr. Wayne K. Tanaka was awarded a certificate in oral and maxillofacial surgery in 1983 while serving in Wilford Hall USAF Medical Center at Lackland Air Force Base in Texas.

During his twenty-year military career (1977-1997), Dr. Tanaka rose to the rank of colonel while serving in positions that reflected his increasing professional responsibilities: general dental officer; oral and maxillofacial surgeon; chief of oral and maxillofacial surgery (OMFS); command dental consultant in OMFS; and chair, departments of OMFS on military bases in



Dr. Wayne Tanaka makes his way to the podium to receive his Distinguished Service Award.



Dr. Torabinejad is congratulated by LLU provost, Ronald Carter, PhD.

the United States—Arizona, California, Nebraska, and New Mexico—and in Okinawa, Germany, and Japan.

In March 1993, Dr. Tanaka joined the Department of Oral and Maxillofacial Surgery at Loma Linda University School of Dentistry as an assistant professor on voluntary status. He served in his capacity until June 1995, when he was transferred to a USAF base in Nebraska.

Upon retiring from the military in December 1997, Dr. Tanaka returned to the School of Dentistry as an associate professor in the Department of Oral and Maxillofacial Surgery. In 1998, he was appointed director of the OMFS predoctoral program and acting chair of the department. He was subsequently renamed department chair then program director.

In addition to his professional contributions as practitioner, teacher, and administrator, Dr. Tanaka has also shared his expertise through publications and presentations. Known for his dedication to the University's motto, "To make man whole," he finds pleasure in teaching and is noted for his careful critique of clinical work and his personal attention to students who seek his help.

In recognition of and appreciation for his contributions to the dental profession and for his commitment to the education of students, the School of Dentistry is pleased to present to Dr. Wayne K. Tanaka the School Distinguished Service Award.

Distinguished Investigator Award - Dr. Mahmoud Torabinejad

Born in Kashan, Iran, Dr. Mahmoud Torabinejad attended local elementary and high schools. From the rigorous selection process that identified students who would be given the opportunity to pursue higher education, he emerged as one of the 404 students chosen from among 14,000 applicants.

Influenced by an uncle who was a denturist, he declared dentistry as his professional goal. After completing his six-year program, from which he graduated number one in his class at the most academically challenging of Iran's five dental schools, he knew he wanted to teach and to pursue research.

His search for advanced training in endodontics led Dr. Torabinejad first to the University of Illinois, where he earned certification in oral pathology and then to Seattle, where he completed a masters degree in dentistry and a certificate program in endodontics. While teaching and engaged in research at Harvard University (1976-1997), Dr. Torabinejad met Dr. Leif K. Bakland at an endodontics conference in Houston, Texas. This encounter led Dr. Torabinejad to choose Loma Linda University from among several schools that were recruiting him for a teaching/research position.

Dr. Torabinejad's renown in the field of endodontics is undisputed. Identified in 2011 by the Journal of Endodontics as the top-cited author in the field, his prolific contributions as researcher and international lecturer on dental and endodontic issues and procedures include more than 200 national and international presentations in more than forty countries. He has co-authored three textbooks in non-surgical and surgical endodontics, as well as single tooth implant; and has authored more than 300 publications on various endodontic and dental topics.

Dr. Torabinejad's pioneering research has led to major breakthroughs in the field of endodontics, including development of mineral trioxide aggregate (MTA) to replace the mercury- and lead-laden amalgam previously used for root canal surgery; and an irrigant to wash away bacteria and debris from an infected root canal, replacing potentially dangerous household bleach. He has also conducted numerous studies to help reduce inflammation and pain, which have led to new standards in dental care. The family and professional connections he has maintained in his homeland and establishment of the Mahmoud Torabinejad Clinical Research Center—which opened in Isfahan in 2011—have given him access to a promising research population for important longitudinal studies.

In addition to his contributions as a scholar, researcher, and teacher, Dr. Torabinejad maintains a private practice in which he treats patients one day a week.

Dr. Torabinejad has served in leadership roles with various dental organizations, including past president of the Southern California Academy of Endodontists, American Association of Endodontists (AAAE), American Association of Endodontists Foundation, and California State Association of Endodontists. He has also served on the AAAE Board of Directors.

In recognition of his significant pioneering contributions to health sciences research, Loma Linda University Health is pleased to name Dr. Mahmoud Torabinejad a recipient of the Distinguished Investigator Award.



Incoming and outgoing School of Dentistry deans confer.



Graduating dental student twins Marcy and Lauren Wells



Sara Cheek, DHBS'13, carries the diploma she received less than a minute earlier.



Seven dental hygiene students await their BS Degrees (L-R): Jerusalem Espinoza-Mendoza, Deanna Frost, Wendy Gan, Jasmin Gomez, Angela Hemenway, Sofia Hoang, Johanna Hughes



L-R: Ted Corbett (first brother to take dentistry), Stony Stoncypher (nephew and son of sister Jean Corbett), Andrew Corbett (nephew, center), Roger Clawson (very back, husband of sister Anne Corbett), Grant Corbett (second brother), Keith Corbett (third brother).

Dental Hygiene students pinned

The School of Dentistry's annual pinning ceremony for graduating dental hygiene students held May 24 at Loma Linda's Campus Hill Church, provides a meaningful beginning to the weekend's baccalaureate and commencement services.

The pinning ceremony tradition provides each class the opportunity to publicly accept the responsibilities that accompany their profession as caregivers and to pledge "before God and all present" that they will live their lives

"in a way that brings honor to my family, my profession, my community, my school, and my God."

Beyond its 43 Bachelor of Science degree earners, this year's pinning ceremony included the eight inaugural graduates from the School's new Dental Hygiene Associate of Science Degree Program in Palm Desert, California.

Seventeen awards were distributed among the 51 graduating dental hygiene students (see listing below).



School of Dentistry Department of Dental Hygiene graduating Class of 2013 students before and after their pinning ceremony.

Dental hygiene awards—2013

American Association of Public Health Dentistry
Jasmin Gomez, BS'13

Amy Feldkamp-Jacobson Scholarship
Nancy Lopez, BS'13

Bates Award
Sarah Woodhead, AS'13

**California Dental Hygienists' Association
Outstanding Leadership Award**
Angela Hemenway, BS'13

Clinician's Award
Andrea McGinity, AS'13

Colgate STAR Award
Brianna Gatti, AS'13

David Lee Anderson Tuition Scholarship
Jerusalem Espinoza-Mendoza, BS'13

Dean's Award
Danielle Molnar, BS'13

Joni Stephen's Preventive Dentistry Award for Research
Ruthanna Lee, BS'13, Katie Waldron, BS'13

Klooster Humanitarian Award
Krista Gavira, BS'13

Middleton Award
Priscilla Blow, AS'13, Janelle Junn, BS'13

Mitchell Award
Andrea McGinity, AS'13, Kimberly Swanson, BS'13

Service Learning Award
Paige Reynolds, BS'13

Sigma Phi Alpha Award
Brianna Gatti, AS'13, Danielle Molnar, BS'13, Leah Regan, BS'13, Kimberly Swanson, BS'13, Sarah Woodhead, AS'13

Student of the Year Award
Janelle Junn, BS'13

Tri-County Dental Hygienist's Society Award
Kimberly Swanson, BS'13

Western Society of Periodontology Award
Selina Cardenas, AS'13

Robert Handysides appointed associate dean for academic affairs

Robert Handysides, SD'93, associate professor and chair, Department of Endodontics, has accepted an appointment to associate dean for academic affairs in the Loma Linda University School of Dentistry.

With the installment of Ronald Dailey, PhD, as School of Dentistry dean, a void was left in the School's academic administration that Dr. Dailey had filled for nineteen years, first as associate dean for academic affairs and then as executive associate dean.

A native of Canada, Dr. Handysides participated in a nomadic lifestyle through his early years, living in various continents and countries with his missionary family until he returned to North America for higher education. He arrived at Loma Linda University in 1989 with a Bachelor of Science degree in zoology from Andrews University, and earned his Doctor of Dental Surgery degree with the School of Dentistry's class of 1993.

Remaining at the School for a short period of time following graduation in the Department of Oral Surgery, it wasn't long before different goals surfaced and he returned to his homeland to establish a solo practice in Kingston, Ontario that he maintained for five years.

Dr. Handysides returned to Loma Linda in 1999 to earn a certificate in endodontics that he completed in 2001 from the School's Advanced Specialty Education Program in Endodontics. The return to an academic way of life resurrected a passion in education for Dr. Handysides, and under the mentorship of Leif K. Bakland, SD'63, Mahmoud Torabinejad, DMD, MSD, PhD, and others he embraced the role of full-time educator.

Commencing immediately upon completion of his specialty program in 2001, Dr. Handysides served the Department of Endodontics in a variety of roles: course director, lecturer, clinical educator, and researcher. In 2003 he became the director of LLU Faculty Endodontics where he maintains a busy practice.

In 2007 Dr. Handysides was added to the LLU Faculty of Graduate Studies as associate professor, and in 2008 was promoted to associate professor status with the Department

of Endodontics. One of his capstone moments in endodontics came in November of 2008 when he completed his board certification to become a diplomate of the American Board of Endodontics.

In 2009, when Dr. Bakland announced he was relinquishing the Department of Endodontics chair, Dr. Handysides was

selected to assume the position of his mentor and friend. He found it very beneficial to have Dr. Bakland remain in the department, just a few doors down the hall, to give guidance in the early days of his new role, and he anticipates the same collaborative relationship he fostered with Dr. Bakland to continue with Dr. Dailey in this most recent transition.

Based on the long list of committees and boards on which he has served, Dr. Handysides appears to enjoy direct involvement in the decision-making and implementation of both clinical and academic activities essential to the maintenance, integrity, and growth of the School.

He has authored or coauthored a number of peer reviewed articles and textbook chapters in endodontics and dental education. He has also presented numerous continuing education seminars both nationally and internationally,

enjoying the various cultures and customs of the places he has visited.

In his pursuit of lifelong learning, and to deepen his educational background, Dr. Handysides embarked on the pursuit of an EdD in Higher Education at the University of Southern California in 2011.

Dr. Handysides and his wife, Minnie, have three daughters: Alison, Carina, and Nicole. He has his family's support as he assumes this new position but understands there is a heavy learning curve in the transition.

The office Dr. Handysides will move into has a panoramic view of the San Bernardino Mountains that remind him of a favorite text: "I will lift mine eyes unto the hills, from whence cometh my help" (Psalms 121:1). With the new responsibilities and challenges the position brings, he appreciates the Psalmist's reflections now more than ever and also will be seeking help from the same source.



Dr. Robert Handysides

Student achievement awards

Awards approaching 100 in number were presented to School of Dentistry students, May 24, 2013, during the School's annual Awards Ceremony at the Damazo Amphitheater in the Jetton Pavilion of Loma Linda University's Centennial Complex. Those awards, and a few presented elsewhere, are listed alphabetically below.

Academic Excellence Silver Awards SD'13

Ronald Hughes, Robert Judd, Alexander Lee, Melissa Magsipoc, Sital Mandalia, Jason Mashni, Eric Mee, Kenneth Ricks, Jayna Sekijima, Alvin Sitompul, Rajesh Swamidass, Marcy Wells, Todd Wentland

Academy of Dentistry International Terry Tanaka Award

Jason Mashni, SD'13

Academy of General Dentistry Award

Simona Ivan, SD'13

Academy of Operative Dentistry Award

Gregory Wright, SD'13

Academy of Osseointegration Implant Dentistry Outstanding Dental Student

Jefferson Clark, SD'13

Advanced Standing Program Award IDP'13

Jose Cabrera, Ahmad Al-Mansair, Zegar Zegar, Min Zhang

Alpha Omega Certificate of Academic Achievement

Jason Mashni, SD'13

Alumni Association Award

Jamie Blood, SD'13

American Academy of Implant Dentistry

Jason Mashni, SD'13

American Academy of Oral and Maxillofacial Pathology Award

Jason Mashni, SD'13

American Academy of Oral and Maxillofacial Radiology Award

O Kwon, SD'13

American Academy of Oral Medicine Award

Kenneth Ricks, SD'13

American Academy of Orofacial Pain Award

Garett Godfrey, SD'13

American Academy of Pediatric Dentistry

Regina Capulong, SD'13

American Academy of Periodontology

Eva Baci, SD'13

American Association of Endodontists

Jefferson Clark, SD'13

American Association of Oral and Maxillofacial Surgeons Award

Nicole Whitney, SD'13

American Association of Oral Biologists

Brian Goodacre, SD'13

American Association of Orthodontists Award

Kevin Murray, SD'13

American College of Dentists, Southern California Section

Brian Goodacre, SD'13

American College of Prosthodontists Award

Brian Goodacre, SD'13

ADA Foundation Scholarships (SD'15)

Irene Cruz, Tyler Utley

American Dental Society of Anesthesiology (ADSA) Horace Wells Award

Peter Park, SD'13

American Student Dental Association

Jason Mashni, SD'13

Ben W. Oesterling Award

Anthony Craig, SD'13

California Association of Oral & Maxillofacial Surgeons Award

Hamid Ebrahimi, SD'13

California Dental Association Senior Award

Karen Watanakeeree, SD'13

CDA Foundation Table Clinic Scholarships SD'14

2nd Place Clinical: Jillian Carlton, Skyler Liatti, Charles Toews

3rd Place Clinical: BreeAnn Christiansen, Fallon Livingston,

Andre Soumekh

Honorable Mention Clinical: Janelle Beford, Luke Czer, Jeremy

Haines, Stephanie Shin

1st Place Scientific: Eric Chen, Matthew Enns

2nd Place Scientific: Tod Davidson, James Gordon

1st Place Community: Crismon Goude, Caprice Hunter,

Zachary Mursic, Clint Walker, Amanda (Ward) Zenthoefer

2nd Place Community: Doug Baasch, Elijah Wong, Daniel

Yang

Honorable Mention Community: Wael Bekhit, Roberto

Espinoza, Paul Jang, Won Joon Lee

Christ-like Service, Boyko Award

Richard Lim, SD'13

Clinic Group Awards SD'13

Eva Baci, Brenden Bell, Brian Goodacre, Alexander Lee,

Eric Mee, Jayna Sekijima, Kenny West, Benjamin Whitted,

Adam Yang, John Yankee,

Overall Clinic Awards

Ahmad Al-Manasir, IDP, '13, Jamie Blood, SD'13

David Lee Anderson Departmental Award

Jane Gumangan, SD'13

David Lee Anderson Tuition Scholarship

Adam Yang, SD'13

Delta Dental Student Leadership Award

Matthew McDonald, SD'13

Dentsply Student Clinician Award (D3)

Eric Chen, SD'14, Matthew Enns, SD'14

Excellence in Esthetic Dentistry Award

Eric Mee, SD'13

Excellence in Esthetic Dentistry IDP Award

Isabel Perez Ferreruela, IDP'13

Excellence In Prosthodontics Award

Raj Swamidass, SD'13

Fixed Prosthodontics Department Award

Jayna Sekijima, SD'13

G. Hartzell & Son Clinician Award

Sital Mandalia, SD'13

Graduate Implant Dentistry

Jamie Blood, SD'13

International College of Dentists Award

Melissa Magisioc, SD'13

ICOI/Dentsply Pre-doctoral Student Achievement Award

Robert Judd, SD'13

Kenneth Wical Award

Joel Davis, SD'13

LLU Center for Dental Research Basic Science Award (D2)

Tyler Utley, SD'15

National Association of Seventh-day Adventist Dentists

Kevin Prates, SD'13

Omicron Kappa Upsilon SD'13

SD'13

Jamie Blood, Jefferson Clark, Robert Judd, Sital Mandalia,
 Jason Mashni, Eric Mee, Kevin Murray, Kenneth Ricks,
 Jayna Sekijima, Marcy Wells, Todd Wentland, Gregory
 Wright

IDP'13

Ahmad Al-Mansair, Sakher Hegazin

Omicron Kappa Upsilon, William S. Kramer Award (D3)

Elijah Wang, SD'14

Oral & Maxillofacial Surgery Department Award

Todd Wentland, SD'13

Pacific Dental Services Scholarships (D3)

Roberto Espinoza, SD'14, Shadi Khillah, SD'14

Pierre Fauchard Academy Award

Brian Goodacre, SD'13

Pierre Fauchard Academy Scholarship

Matthew Enns, SD'14

President's Award

Jayna Sekijima, SD'13

Prince Award

Jason Mashni, SD'13

Professionalism Award IDP

Jose Cabrera (IDP'13)

Service Learning Awards (SD'14)

Jamie Blood, Joel Davis, Kenneth Ricks, Karen Watanakeeree

Southern California Academy of Oral Pathology Award

Jayna Sekijima, SD'13

Southern California Society of Dentistry for Children

John Maveli, IDP'13

Western Society of Periodontology Award

Grace Shin, SD'13

Wil Alexander Award

Jared Adams, SD'13

Wilfred A. Nation Award

Joel Davis, SD'13

Honors Program Recognition

Graduates recognized for Elective Program completion

Eva Baciú, SD'13

Dental Education Honors Program

Jamie Blood, SD'13

Maasai Dental Clinic Clerkship

Jefferson Clark, SD'13

Endodontics Honors Program

Brian Goodacre, SD'13

Dental Education Honors Program

Graduate Prosthodontics Honors Program

Implant Dentistry Honors Program

Jason Mashni, SD'13

Implant Dentistry Honors Program

Eric Mee, SD'13

Dental Education Honors Program

Esthetic Dentistry Honors Program

Peter Nordberg, SD'13

Implant Dentistry Honors Program

Kenneth Ricks, SD'13

Dental Education Honors Program

Orthodontics & Dentofacial Orthopedics Honors Program

Pediatric Dentistry turns twenty

It was celebration time for the Advanced Specialty Education Program in Pediatric Dentistry, when department participants reviewed the past 20 years of its existence at a February 8 luncheon in Wong Kerlee International Center during the Alumni Student Convention.

More than 30 years ago, faculty with an emphasis in pediatric dentistry began working on perfecting the predoctoral program. They ultimately determined that they needed to initiate the program, whether perfect or not. When John Peterson, SD'70, MS'78, completed a residency in pediatrics at UCLA (1973), he returned to direct the new pediatric program.

Colleagues recall that Dr. Peterson had no office, no staff, "essentially nothing" as chair of the School's smallest department. He began building a very respectable program. Curt Wiggins, SD'74, completed a pediatric residence at UCLA in 1976 to become the second faculty with specialty training in pediatric dentistry. He would be associated with the program until 1981. In 1977, Wilfred Nation, SD'76, completed specialty training at UCLA and joined the faculty. He would remain until his untimely death in 1996.

Having embarked on a plan for a residency program, Dr. Peterson and his associates knew that faculty with specialty training would be difficult to find. They determined to build a faculty by identifying second- and third-year students who exhibited skill in dentistry and adeptness in working with smaller patients. The selected candidates became lab instructors during their fourth year, strengthening their didactic skills as well. They were joined on faculty by William Taves, DDS, and Waldo Wareham, DDS, skilled practitioners in the community. The program enjoyed a fine reputation with the students.

Working with the American Academy of Pediatric Dentistry and with the dean, Drs. Peterson and Nation saw the initiation of the Advanced Education Program in 1993. A student asserts, "Dr. Peterson and Dr. Nation loved God and loved children. They wanted to train residents how to take care of children in a God-like way." Dr. Nation would become everyone's friend, and a much beloved teacher. Dr. Peterson served as a father figure to many of his students who recall his oft-repeated question, "What would you do if this patient was your kid?"

Once the specialty program began, Dr. Peterson (1993-2007) devoted his full time to it and Dr. Nation served as

department chair. The administrators faced the challenge of finding facilities, negotiating, scheduling, and sharing space occupied by other departments. Both administrators were very involved in extracurricular activities, spending time with students to nurture their personal and psychological development as well as their dental techniques.

The first students to complete the advanced specialty program were Rick Nichols, SD93, PG95, now in private practice in Redlands, and Todd Milledge, SD'88, PG'95, who became the chair of the department in 1996. By 2000 he had materially reduced wait time for special care patients needing attention, not resting until 14 chairs had been installed for pediatrics in the new clinic before moving to a teaching position at the University of Washington. Residents now have their own chairs and state-of-the-art instruments, gaining valuable experience similar to that of a private practice.

In the beginning three residents were admitted to the program; in 2004, the program expanded to admit four residents annually. By 2006, the department was screening 90 applicants to select four entering residents. In the program's 20 years, more than 50 students have become pediatric specialists in dentistry upon completing the School's Advanced Specialty Education Program in Pediatric Dentistry.

When Dr. Peterson decided to move to Washington state in 2000, Robert Traficante, DDS, was appointed in 2007 to lead the graduate program. He brought a high level of

organizational and curriculum development, overseeing a strengthening of the program to expand students' education beyond the ivory towers. They rotated through the children's hospital and the emergency room at the hospital on campus, and experienced expanded exposure to general anesthesia and oral surgery. Additionally in a unique aspect of the program, the residents participated in service learning, where they engaged in educating their young patients and local dental students as well as treating dental problems.

In early 2003, Bonnie Nelson, SD'88, became chair of the department. She brought with her an enthusiasm for participating in dental care for underserved people. She is cited for having gone on almost every other Nicaragua trip staged by the School. She brings with her the knowledge of private practice and has helped special needs patients to be treated in the hospital in a more timely fashion.



Pediatric faculty dentists (L-R): Bonnie Nelson, Richard Grabowsky, Robert Traficante, Wesley Okumura, Todd Milledge, Jung-Wei (Anna) Chen (circa 2008)

In 2009, Jung-Wei (“Anna”) Chen, DDS, MS, PhD, was appointed director of the Advanced Specialty Education Program in Pediatric Dentistry. She has been a provocative leader, inspiring residents with her enthusiasm for research and innovative curriculum developments. She cites the success of the advanced graduate program, noting that since 2009 the residents have achieved a board passing rate of 100 percent.



John Liu, SD’86, and Mervin Ellstrom, SD’75A

Both faculty and observers note the high level of “family” type relationships that exists in the department. Some credit for creating this atmosphere should be going to the children for whom the program exists. Also deserving credit are the program’s pioneers and their successors whose vision and energy have been dedicated to creating and preserving pediatric dental health.



Pediatric dentists (L-R): Drs. Jung Wei (Anna) Chen, Samah Omar, and Laura McCormack



Dr. John Peterson



The late, great Dr. Wil Nation



Dean Charles Goodacre, Dean Judson Klooster, Dr. John Peterson and Dr. Todd Milledge break ground for new clinical wing (1998).



L-R: Shahnaz Bonyanpoor, SD’77, Magda Lavergne, Mickey Mouse, Lillian Andrade, Joelle Taves-Speed, SD’96 (circa 1997)

Annual Children's Day

Hundreds of children visited the School of Dentistry's booth March 16, 2013, during Loma Linda University's annual Children's Day on the north lawn between the School of Dentistry and the University Church. Each child had the opportunity to learn optimal tooth brushing technique from oral healthcare professionals by practicing on the mouths of a variety of stuffed animal characters from well-known television shows and movies.

Visitors to the dentistry booth also received a tour of the School's Mobile Dental Clinic.

With the help of Stella Suba, RDA, CBA, Jeri Fowler, assistant director, Dental Alumni Association, organized and staffed the School of Dentistry's participation with dental hygiene students and faculty as well as dental faculty volunteers Wesley Okumura, SD'94, assistant professor, Pediatric Dentistry and Gary Kerstetter, SD'82, assistant professor, Department of Restorative Dentistry.

Coordinated by LLU Children's Hospital representative Dorothy Brooks, the Children's Day event provided health education to 1,703 visitors—1,248 children and 455 adults.



Jared Adams, SD'13, and Paige Reynolds, DH'13 simultaneously teach and entertain.



Even tongues need brushing, Meaghan Patrick, DH'13, explains to a rapt audience.



Andrea Kort, DH'13, facilitates hands-on learning.



A barely visible Christine Palluth, DH'13, restrains the patient being grabbed by the tongue.

School active in National Children's Dental Health Month

In solidarity with the American Dental Association's Annual National Children's Dental Health Month, Center for Dentistry and Orthodontics (CDO) clinicians, along with residents and staff from two Loma Linda University

young people, pensioners, and everything in between.

Several residents from the J. Milford Anholm Graduate Orthodontic Clinic, under the guidance of Joseph Caruso, SD'73, MPH, MS'75, associate dean, Strategic Initiatives and Faculty Practices, and Roland Neufeld, SD'74, MS'76, associate professor, Department of Orthodontics and Dentofacial Orthopedics, accompanied by Clinic staff, worked three consecutive Thursday evenings (a fourth was rained out) from a Market Night booth handing out "We Can Help" fliers and educational brochures as they discussed with attendees any questions they had about oral health and related services.

The Center for Dentistry and Orthodontics faculty practice manager, Tina Malmberg, and Graduate Orthodontic Clinic manager, Dawn Fowles, assisted by clinic staff, spent

many hours putting together giveaway materials for these events. The School's marketing director, Krista Juhl, MBA, and administrative assistant, Ben Palaniuk, scheduled appointments with the elementary schools for the Pediatric Dentistry residency program and arranged licensing and logistics for Graduate Ortho's Market Night presence.



Dr. Uyen Phan discusses proper brushing with fourth graders at Loma Linda Academy.

School of Dentistry advanced education programs, promoted the importance of oral health in the School's immediate community.

CDO pediatric dentists Bonnie Nelson, SD'88, chair, Pediatric Dentistry, and Samah Omar, IDP'07, assistant professor, Pediatric Dentistry, accompanied by students from the Advanced Specialty Education Program in Pediatric Dentistry, made nine educational visits during the month to early grade and pre-school classrooms at three venues: Mariposa Elementary, Loma Linda Academy, and Loma Linda University Children's Center.

Meanwhile, the Advanced Specialty Education Program in Orthodontics and Dentofacial Orthopedics was represented at the nearby town of Redlands' weekly "Market Night"—a popular farmer's market that since 1988 has occupied the town's blocked-off historic State Street from 6 pm. to 9 pm. each Thursday night (except holidays) that weather permits. At Market Night, over 150 food, produce, and merchandise booths entertainingly bracket crowds of families, skaters,



Redlands-area residents enjoy Market Night.

Introducing: Kenneth Abramovitch, DDS, MS

Kenneth Abramovitch, DDS, MS, comes to LLU School of Dentistry with the rank of professor in the Department of Oral Diagnosis, Radiology and Pathology and an appointment as director, Radiology and Imaging Services.

He recently resigned as a professor with tenure after 26 years of service at The University of Texas Health Science Center at Houston, School of Dentistry. Prior to his appointment in Texas, he was also a member of the Faculty of Dentistry at Dalhousie University in Halifax, Nova Scotia, Canada.

Dr. Abramovitch received his DDS in 1980 from McGill University in Montreal, Canada, and his MS in Oral Diagnostic Sciences in 1986 from the University of Texas Health Science Center at San Antonio.

Until his appointment at LLUSD, Dr. Abramovitch also maintained a private referral-based specialty practice limited to oral radiology and oral medicine that served the greater Houston metropolitan area beginning in 1991.

Dr. Abramovitch has published 22 scientific abstracts and contributed over 50 articles to refereed or peer reviewed journals such as *Oral Surgery*, *Oral Medicine Oral Pathology and Oral Radiology*, *Dentomaxillofacial Radiology* and the *Journal of Forensic Sciences*. From 1989 to 2009, he published a popular monthly continuing series of case reports entitled "Roentgen Ray Anomalies" in the *Journal of the Greater Houston Dental Society*.

He has been an invited speaker at over 120 national, international, state and local professional meetings. In addition, he has presented over 150 hours of accredited continuing dental education programs.

He is a diplomate of the American Board of Oral and Maxillofacial Radiology and a diplomate of the American Board of Oral Medicine. He has held membership in twenty-one professional organizations since 1981, eight currently.



Dr. Kenneth Abramovitch

Dr. Abramovitch currently serves as vice president and chief examiner of the American Board of Oral and Maxillofacial Radiology. He is a past president of the American Academy of Oral and Maxillofacial Radiology and a past president of the Southwestern Society of Oral Medicine. He is a member of the Editorial Advisory Board of the *Journal of the Greater Houston Dental Society*.

Dr. Abramovitch's most recent research projects are related to symmetry and 3D cephalometric evaluations from CBCT and in the development of low dose-high yield diagnostic techniques for x-radiation.

Dr. Abramovitch recently co-authored with Dr. Chung H. Kau and two others *Cone Beam CT of the Head and Neck: An Anatomical Atlas* (Springer, 2011).

He has been married since 1985 to Jacqueline R. Dubel, Ph.D, a retired molecular geneticist and microbiologist. The couple has two sons.

Introducing: Lynda Juhl-Burnsed, DDS

Lynda Juhl-Burnsed, SD'84, has emerged from retirement to accept the position of assistant professor, Oral Diagnosis, Radiology, and Pathology, at the School of Dentistry.

Dr. Juhl-Burnsed attended Union College and trained as an X-ray technician at Hinsdale Hospital in Illinois and then worked as an X-ray technician at LLU Medical Center until she found the repetitiveness of the profession in a large hospital tedious.

After graduating from dental school, Dr. Juhl-Burnsed practiced dentistry privately with her classmate and husband, H. Brooks Burnsed, SD'84, assistant professor, Restorative Dentistry, in Nipomo, California, from 1985 to 2002. The couple complemented each other's procedural preferences because neither minded doing what the other found off putting: Dr. Juhl-Burnsed did not like doing root canal procedures and her husband despised doing extractions.

Between 1987 and 2000, Dr. Juhl-Burnsed participated in monthly implant dentistry study clubs held in nearby Santa Maria and periodontics study clubs chaired in Santa Barbara, an hour south along the California coast. She also wrote about oral health on a monthly basis for her local newspaper.

When their daughter reached middle school, Dr. Juhl-Burnsed set aside her practice of dentistry to be a full-time mother and became involved in the activities of Valley View Adventist Academy and, subsequently, Monterey Bay Academy from which their daughter graduated.



Dr. Lynda Juhl-Burnsed

During her "retirement," Dr. Juhl-Burnsed's interest in dentistry remained. She kept up with the professional literature, and when their daughter entered college she was pleased to have the opportunity to return to her profession and, through an ODRP appointment, the education of future dentists.

Kenneth G. Wallis elected CDA secretary

School of Dentistry alumnus Kenneth G. Wallis, SD'86, has been elected secretary of the California Dental Association. Having served as a CDA Board trustee for the past six years, Dr. Wallis now serves as secretary of its executive committee—a position that ascends to the position of CDA President in 2015-2016.

Dr. Wallis is an active member of California Dental Association, the American Dental Association, and the Santa Clara County Dental Society (for which he has served on many committees and held various leadership positions including president). He is also a founding board member of the Santa Clara County Dental Foundation that works to increase access to care for Santa Clara County residents.

Dr. Wallis has been honored with fellowships in the American College of Dentists and the Pierre Fauchard Academy.

Along with his membership on the CDA Foundation's Board of Advisors, which is dedicated to improving the oral health of all Californians, Dr. Wallis participates in the Dentists With a Heart program.

For more than 20 years, Dr. Wallis has been providing comprehensive dental care for his patients in the Silicon Valley, where he lives with his wife Tracy and their four children, Greg, Jamie, Tim, and Jeff.



Dr. Kenneth Wallis

Dr. Fred Berry retires along with his plaid pants

Fred Berry, DDS, professor of restorative dentistry, was his typical genial self as over 200 students, faculty, and staff joined him at a retirement celebration May 21 in the student lounge. As usual, a trim cut of his silver hair dignified his shirt and tie—and his signature pants. He had chosen the pants from his collection of colorful plaids, stripes, checks and paisleys that have never seen a Nieman Marcus pro shop.

Asked what is notable about their dental materials and techniques professor, students began with “his pants.” They were quick to add, “Always in his office to answer questions . . . worship thoughts before class . . . passion for teaching . . . encouraging feedbacks . . . telling us we were improving and what we could work on.” There were also repeated words of appreciation for Dr. Berry’s coordination of the D3 and D4 Mock Boards and the WREB Qualifying Examination for the D4 class during the past 12 years.

During his 25 years at LLUSD, this faculty member was honored as the School’s 2006 Teacher of the Year and selected by the class of 2006 to receive the distinguished Pierre Fauchard Academy Teacher of the Year Award. He has received many other honors including membership in Omicron Kappa Upsilon, the national honor society, and Sigma Xi Research Honor Society. He is a fellow of the American College of Dentists, emeritus fellow of the Academy of Dentistry, fellow of the Pierre Fauchard Academy and a life member of the American Dental Association.

With beginnings in the East—Dr. Berry was born in New York, completed dentistry at the University of Pennsylvania in Philadelphia, taught at Temple University for five years, and practiced in Wilmington, Delaware, for 23 years—it’s a little surprising that he would move to Dana Point and teach at Loma Linda. Easterners talked about California’s smog, earthquakes, and traffic.

Dr. Berry explains the move simply: “It was at a Bible conference that I heard the words, ‘If you have a desire in your heart, bring it before the Lord.’ I responded with the prayer, ‘I want to teach at a Christian school.’” While visiting his son, a

student in California, he explored dental schools in the area. “As soon as I got to Loma Linda,” he recalls, “I said, ‘This is where God wants me to be.’” The Berrys soon settled in Dana Point, California, approximately 70 miles from the School.

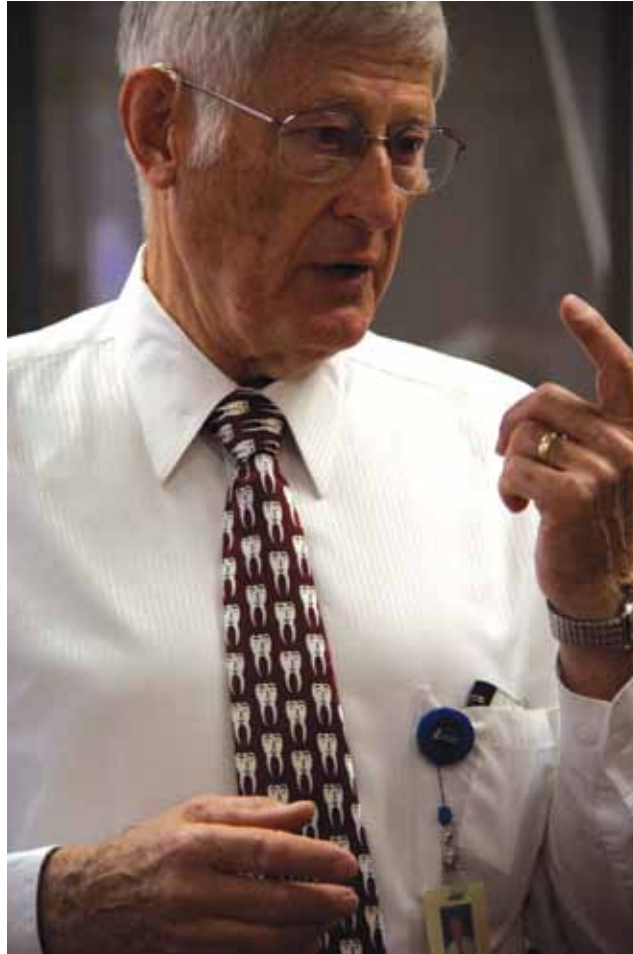
“Loma Linda is a special place,” says Dr. Berry. “When the Lord is so much a part of it, driving back and forth isn’t so important.” He adds, “I love working with ‘my kids.’ In 25 years there has never been a day I have not looked forward to coming to school. God has truly blessed me over and above what I could have ever imagined.” He is quick to give credit to LLUSD colleagues, naming “Bob Kinzer, Harold Schnepfer and Doug Roberts who supported and encouraged me and gave me the opportunities to express myself.”

Mimi, his wife of 51 years, has seen Dr. Berry drive off to school daily for the past 25 years, praying for his safety as he logged more than 700,000 miles between home and Loma Linda. It is here that he developed “Berry Productions,” humorous videos describing dental procedures with a memorable trademark for each sign off: a strawberry looking very much like a lower molar. A student speaks appreciation for Dr. Berry’s “sacrifice of time to make us students priority and share his vast degree of knowledge.”

Come July, Dr. Berry can arrange a new set of priorities.

With families established by two daughters and a son—who arrived as triplets to surprise the Berrys by their number—he will be enjoying eleven grandchildren, soon to be joined by his daughter’s proposed new challenge: two-year-old and six-year-old adoptees. “It’s back to strollers and car seats,” Dr. Berry comments on this “second generation” of grandchildren. He also describes his involvement with Guide Dogs for the Blind, speaking fondly of the puppies the Berrys have raised as guide dogs. He explains another family project: Samaritan’s Purse, preparing boxes for needy children all over the world in the Operation Christmas Child Ministry.

And Dr. Berry has promised to return to the classroom on a more limited schedule, continuing his commitment to help students to become better dentists.



Dr. Berry gets the last word (notice the thematic tie).

Benefactor visits Koppel Special Care Dentistry Center

A School of Dentistry benefactor, 94-year-old Albert C. Koppel, DDS, paid a visit in April this year to the School's Koppel Special Care Dentistry Center to see some of the good his generosity has produced.

Dr. Koppel was born in 1919. As a first-generation American, he was raised on a large-scale farm near Trenton, New Jersey. After graduating from Shenandoah Valley Academy, he attended Atlanta Southern Dental College, finishing in the three-year, abbreviated war schedule, 14th from top of a class that began with 103 and finished with 86.

In late 1945 or early 1946, he opened his office on the corner of 5th and Cedar Streets near the old General Conference of Seventh-day Adventist headquarters and its Review & Herald publishing house on Eastern Avenue in northwest Washington, DC, on the District line with Takoma Park, Maryland, where he and his wife Betty would live and work—with a two-year break for military service in Germany during the Korean Conflict (1951-1952)—for the next ten years.

Betty was a graduate of the College of Medical Evangelists in Loma Linda, class of 1942. She took a



The Drs. Al and Betty Koppel circa 1970

residency in anesthesiology from Dr. Bernard Briggs at Harvard's Massachusetts General Hospital and provided anesthesia at Washington-area hospitals throughout her medical career. Most importantly to her dentist husband, she administered anesthesia to his patients for the removal of impacted wisdom teeth or for other oral surgery. Later, she became skilled in the administration of intravenous medication for conscious sedation of his patients who were especially apprehensive or who had autism, cerebral palsy, or other conditions that prevented them from remaining still for extended periods.

After 40 years as a healthcare providing team, the Koppels retired in 1985 to New Market, Virginia.

Dr. Betty Koppel died earlier this year. As a consequence, it was just Dr. Al Koppel who was hosted early in April by John Leyman, DDS, chair, Department of Dental Anesthesiology and director, Koppel Special Care Dentistry Center and Larry Trapp, DD, MS, director, Advanced Specialty Education Program in Dental Anesthesiology, as well as Maynard Lowry, PhD, director of Gift Planning and Special Gifts.

Maynard Lowry retires

Maynard Lowry, PhD, director, Gift Planning and Special Gifts, retired at the end of July after nine years with the School of Dentistry.

Dr. Lowry joined the School in 2004 and has been "a tremendous asset to the development program, not only to our fundraising dean, but also to Barbara Bostwick, former development director, and to me these past five years," says Rachel Terwilleger, CFRE, CSPG, director of Development.

Before joining LLUSD, Dr. Lowry served Loma Linda University's La Sierra campus library in various capacities, beginning in 1974. In 1990 he was appointed director of libraries for Loma Linda University.

Dr. Lowry said, "I have worked with some of the greatest faculty, students and alumni anywhere. I will miss these daily contacts; however I want to be able to travel more with my wife, Jean, and to spend more time with my grandchildren. I will also seek opportunities to volunteer in the community."



Dr. Maynard Lowry

Legacy of Leadership

2012

We gratefully acknowledge

the support of those who have made a personal commitment to advance the mission of education and service at Loma Linda University School of Dentistry. Philanthropic support is essential as dental professionals of tomorrow are educated today. The School of Dentistry is strong because alumni, friends, faculty, and staff work together.

Voluntary support of more than \$3,054,297 came to LOMA LINDA UNIVERSITY from School of Dentistry alumni and friends during the calendar year ending December 31, 2012.

Please join us in celebrating the Legacy of Leadership by those whose names appear on the following pages.

Donors are listed in the following order:

- (1) graduates from Loma Linda University School of Dentistry with a doctor in dental surgery (DDS), including those who received this degree through the International Dentist Program (IDP),
- (2) current DDS students,
- (3) those who did not earn their DDS from LLU, but have received an Advanced Specialty Education Program degree or certificate,
- (4) graduates from the dental hygiene program or the dental assisting program,
- (5) graduates from other Loma Linda University schools, and
- (6) those who are non-alumni faculty, staff, and friends of the School of Dentistry.

Dean's Circle members for 2013 (*those who have demonstrated generous philanthropic support to the School of Dentistry with a gift(s) of \$1,500 or more*) are indicated in **regent red type**.

Century Club and **Ivory Society** members for 2013 appear at the end of this report for DDS and Dental Hygiene alumni at these levels: (BRONZE—\$100-\$499, SILVER—\$500-\$999, GOLD—\$1,000+).

Names with asterisk in **gray oblique type* indicate the donor is deceased.

Charles J. Goodacre, DDS '71, MSD, *Dean*
Rachel Terwilligar, CFRE, CSPG, *Director of Development*

H. Maynard Lowry, PhD, CSPG, *Director of Gift Planning & Special Gifts*
DonaJayne (DJ) King, MBA, *Development Assistant*

DOCTOR of DENTAL SURGERY (DDS)

Class of 1957

Charles W. Beckett, Jr.

Weldon J. Hagen
Robert J. Homer
George Kuniyoshi
Roger W. Lindner
Glenn U. Richey
Byron R. Spears, Jr.
Ronald Zane

Class of 1958

Louis M. Bishop
Melvin S. England
Jack W. Griswold

**Wilburn O. Ingham –
Wilburn Ingham Family Trust*

John L. Lutz
James L. McCulloch
E. Earl Richards

Class of 1959

Wilber A. Bishop, Jr.
John A. Butler
William H. Heisler
George C. Miller
James A. Thompson
Alan R. Williams

Class of 1960

Robert W. Addison
Jack R. Booker
Donald L. Bowen
Vernon S. Eddlemon
Arthur J. Morgan
Steven G. Morrow
Charles A. Placial, Jr.
Dale S. Pyke
Benjamin H. Robson

Arvin E. Taylor
Thomas L. Thompson
William G. Tym
Kenneth R. Wynn

Class of 1961

Robert L. Darby
William L. Dillard
Carlton R. Lofgren
Donald L. Peters
Nels E. Rasmussen, Jr.
Richard L. Smith
Arthur Spent

Class of 1962

Gerald L. Alderson
Thor C. Bakland
Donald L. Beglau
Herbert Church, Jr.
Edward B. Cowan, Jr.
Lee F. Crane
Veryl C. Drury

Billy J. V. Hover
James W. Jacobson
Alan E. Johlman
Lee F. Crane
Merritt A. Logan
W. William Maddox
George T. Matsuno
J. Howard Sprague
Richard Olen Taggart
H. Dale Warren
Loel R. Wurl

Class of 1963 - HONOR

Leif K. Bakland
Robert S.T. Coupland
E. Jan Davidian
Charles M. Holman
Lionel E. Rentschler
Alvin D. Schnell
Eugene D. Voth
Frank M. Wall
Eugene V. Warner

Class of 1964

Frank E. Bonnet
Gerald R. Douglass
 Anthony G. Theodorou
Duane R. Wacker

Class of 1965

Delmer E. Bond, Jr.
 Noel E. Kirkby
 Robert W. Meckstroth
W. Eugene Rathbun
 Ralph A. Roberts
Marlene M. Schultz
 Jerry M. Wolf

Class of 1966

Norman L. Britton
Ernest N. Chan
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 Douglass B. Roberts
 Olavi Ed Rouhe
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 Hans J. Sawatzky
 Stanford L. Wolfe

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Christina Cao

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Douglas M. Brown
Nicholas Caplanis
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Lyndle M. Lamberton
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Dween S. Muse
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Dana T. Nguyen
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'78

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Dr. Ron Forde, representing the class of 1983, presented Dean Charles Goodacre with a check for \$510,300 at the annual Alumni-Student Convention.



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John W. Leyman, DDS
Loma Linda University
Dental Group
Edna May Loveless, PhD
William A. Loveless, EdD
Oariona Lowe, DDS
H. Maynard Lowry, PhD
Anita Martella
McPeters, McAlearney, Shimoff & Hatt
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(Mrs. Robert P.) Melanie J. Mohr
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National Association of Seventh-day
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Pacific Dental Services
Abel Pangan
Parkell Products, Inc.
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Isabella Piedra-Munoz, DDS
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Wayne K. Tanaka, DDS
Rachel Terwillegar, CFRE
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**(H. C. Van den Hoven, DDS '68)*
Chakri Veranunt
Lauren Ashley Wells
Marcy A. Wells
Virginia E. Wical, BSN '55
**(Kenneth Wical, DDS, MSD)*
Cynthia Wicker
Alisa C. Wilson
Margaret E. Wilson
Stella Wisner, DDS



Alumni Association donations fund the annual Student Dedication Service. Seniors receive a personalized lab coat, first-year students receive a Bible engraved with their name.

Alumni Association

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 Wendell B. Bond, DDS '81
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 Terry F. Brock, DDS '72
 Frederick L. Bunch, DDS '71, MS '76
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 Nicholas Caplanis, DMD, MS '96
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 Melissa Cheng, DDS '87
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 Pamela Cloninger
 Heather A. Crouch, DDS '03
 John L. Cummings, DDS '86
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 Galen M. Fillmore, DDS '72, MS '74, MPH '72
 Raymond H. Funada, DDS '89
 Carolyn G. Ghazal, DDS '90
 Brian J. Goodacre, DDS '13
 Charles Goodacre, DDS '71, MSD
 Walter G. Hadley, DDS '74
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 Beth R. Hamann, DDS '85
 Robert A. Handysides, DDS '93
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 James J. Hein, DDS '73
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 E. Patrick Hoag, DDS '73
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 Donald R. Kellogg, DDS '72
 Wuiteng Koh, DDS '86, MS '91
 Shirou Kunihiro, PhD
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 Arlene M. Lee, MSN '70, BSN '49
 Scott M. Lee, DDS '91

Stephen R. Libby, DDS '82
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 Alexander Lobaina, DDS '05
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 James D. Powell, DDS '84
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 David B. Sandquist, DDS '66
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NOTE: Those in regent red type are members of the Dean's Circle.

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 Chrissorne Rameau, DDS '11
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 Alvin D. Schnell, DDS '63
 Ginger L. Scoggins, DDS '95
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 Ebrahim Shafieha, DDS '95
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 Richard L. Smith, DDS '61
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 J. Howard Sprague, DDS '62
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Fang-Bin Sun, DDS '91
Montry S. Suprono, DDS '07
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 R. Marina Raines, BS '70
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Kristi J. Wilkins, MA '02, BS '80

SILVER

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 Nadine M. Neufeld, BS '69

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 Mak Nai Dohr, BS '92
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 Nora Elloway, BS '92
 Arlene L. Ermshar, BS '66
 Janelle C. Fairhurst, BS '88
 Jonelle L. Farr, BS '81
 Debra L. Gerger, MPH '01, BS '90
 Anne Golden, BS '04
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 Beverly J. Gottfried, BS '69
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 M. Susan Haskin, BS '69
 Penny B. Haughey, BS '66
 Kathryn M. Hauswald, BS '63
 Jill D. Carruthers Hodson, BS '99
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 Verla M. Holub, BS '63
 Maryann L. Huffman, BS '98
 Lori J. Jessop, BS '85
 Judith Justus, BS '67

Candice Keeney, BS '69
 Barbara E. Kirby, BS '63
 Cathy A. Knoechel, BS '81
 Shirley Kono, BS '73
 Colette L. Kenschuh, BS '82
 Colleen R. Kenschuh, BS '82
 Janet Kyle, BS '69
 Shirley A. Lee, MS, BS '82
 Susan C. Lindner, '92
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 Lora S. Matson, BS '86
 Karyn D. Mertz, BS '90
 Carol A. Miller, BS '63
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 Thanh T. Nguyen, BS '84
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 Julie Oaks, BS '91
 Hyun Pai, BS '88
 Sandra A. Pappas, BS '87
 Mary A. Parmiter, BS '99, BSRN '93
 Susanne M. Pepper, BS '02
 Mary C. Quishenberry, BS '62
 Judith A. Richardson, BS '66
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 Audrey L. Simons, BS '69
 Karen A. Simpson, MPH '78, BS '66
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 Lori A. Thordarson, BS '83
 Angela K. Tung, DDS '06, BS '98
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 Joyce L. Vixie, BS '88
 Melissa M. Vogt-Fuller, BS '05
 Cynthia M. Webb, BS '94
 Sarah F. Weber, BS '95
 Delby L. West, BS '78
 Colleen A. Whitt, MS '10, BS '79
 Rebecca C. Willis, BS '74
 Ellen B. Young, BS '85
 Susan Hagen Zmuda, BS '87



During Children's Day at Loma Linda University, kids had the opportunity to learn optimal tooth brushing techniques from dental hygiene students by practicing on a variety of large props and stuffed animal characters.



*M. Webster Prince,
the founding dean
of Loma Linda
University School
of Dentistry*

The M. Webster Prince Society

The M. Webster Prince Society recognizes those who share Dr. Prince's vision and are committed to sustaining the School of Dentistry in its mission of education, service, and advancement of the dental profession. Membership is for those who have made a special commitment to assure the future of the Loma Linda University School of Dentistry through a planned gift.

Membership is voluntary. There are no age limits, nor are there any preferred types or sizes of gift. Membership is reserved for those who have included the School of Dentistry in their will or trust, or who have created another deferred gift plan.

You may have already created a planned gift or some similar arrangement. If you have, please ask for a brochure and application to become a member of the M. Webster Prince Society.

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- Philip & Mary Anne Boyne
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- James Edward Carter
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- Nancy L. Davidson
- Lowell C. & Beverly Dobyns
- Charles J. & Ruthy Goodacre
- Rhea Goodacre
- Gerald E. Hanson
- Wilburn (Bill) & Norma Ingham
- Judson & Arlene Klooster
- Hugh C. & Dollie L. Love
- Albert C. & Elizabeth A. Koppel
- L. Albert & Joan Lewis
- Oliver I. & Dixie Lowry
- W. William & Lynda M. Maddox
- Harold A. & Marjean J. Mathiesen
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- Edwin Rudolph & Eleanor Nelson
- Everett E. Powell
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- James & Sandra Szana
- Julian C. & Elaine Tsai
- James C. & Helena Tsai
- Van & Verna Unger
- Junko Yamamoto

In the preparation of the 2012 Legacy of Leadership Report great care was taken to verify the accuracy of all records; however, errors may have occurred. Please contact the Office of Development at (909) 558-4754 or email sdgiving@llu.edu to report any error or omission. Please accept our sincere apologies for any error made.

Service is our Calling

This sculpture is based on the original work by Alan Collins prominently displayed between the School of Dentistry and the University Church. Collins, an English born artist, is noted for his work on the John F. Kennedy Memorial at Runnymede, England, his work at Great Britain's Guildford Cathedral, and for a recent work on campus representing Jesus as the healer of the woman who touched His robe.

This sculpture hangs in the Dental School lobby—a gift from Dr. & Mrs. Daniel Newbold.



Renee Johnson-Bassett

A trust fund has been established for the sons of **Renee Bassett**, SD'99, whose 13-year-old called 911 after his mother was shot in her Henderson home on March 5, 2013. Police found the boy's father dead in his car parked in front of the house from an apparent self-inflicted gunshot wound.

Born January 10, 1966, in Golden Valley, Minnesota, Dr. Bassett grew up in Las Vegas. She completed a degree in economics at Carleton College, Minnesota, before entering the class of 1999.

Dr. Bassett had practiced dentistry for 14 years in the Las Vegas/Henderson, Nevada area. She was dedicated to her children, and spent a great deal of time advocating for her older son AJ, who was diagnosed with Asperger's in early grade school. Through her efforts, she was able to mainstream AJ from special education into gifted courses at the school where he flourishes. An avid student, she routinely surpassed continuing education requirements to maintain her skills and passion for dentistry.

Patients spoke fondly of Dr. Bassett. One says, "I actually loved going to the dentist because Dr. Bassett always made it a wonderful experience. I felt like I was 'home.' I walked into her office—the energy was warm and comforting. Her smile would light up the room; she would take a breath, ask a couple of questions, and then break into a story."

Another patient called Dr. Bassett "a skillful dentist, great spirit, good friend, and wonderful mother." She is survived by two sons, Alec ("AJ") and Carter; a step daughter, Alison Kinman; and two sisters, Teresa Bassett and Penny (husband Brian) Fife. Dr. Bassett's sister Penny, a family therapist, has incorporated Dr. Bassett's sons, 12 and 13, into her own family, commenting: "I've already let the boys know they're still cousins, but they are also brothers now."

Donations to an Education Trust Fund for Dr. Bassett's sons can be made at any Wells Fargo Bank in the nation (account # 1255159814). The fund will be managed by the children's grandfather who will use it to finance their college education.



Dr. Renee Johnson-Bassett

James Burks

Suffering from injuries caused by a motor accident on December 6, 2012, that had been fatal to his wife, **James "Billy" Burks**, SD'62, died on April 4, 2013, in Hendersonville, Tennessee.

Dr. Burks, who was born on January 22, 1929, in Nashville, Tennessee, showed early musical talent. Performing principally on the accordion and vibraharp professionally and in ministry to others became Dr. Burks' lifelong passion.

At the age of sixteen Dr. Burks joined a local radio station staff, and for three years played 15 shows per week. In 1949 he joined Red Foley's musical group and played at the Grand Ole Opry.

Later he would participate in recording sessions, in clubs, and with other prominent musicians such as Arthur Godfrey.

Following service in the U.S. Army (1952-54), Dr. Burks married his first wife Donna. He graduated with the School of Dentistry's class of 1962. After a brief practice in Madison, Tennessee, and Portland, Tennessee, he again served in the army until the death of his wife, when he was granted a discharge to care for his two small children.

Marrying Helen, a pediatrician, in 1969, he returned to Tennessee with his family, ultimately opening a dental practice in Hendersonville, Tennessee, as well as establishing his own recording studio, Doc's Place, adjacent to his practice. When he sold his practice in 1986, Dr. Burks increased his music ministry, and also established with his wife Evangelical Partners International, which supported Adventist evangelism principally in Russia.

In 2010 Dr. Burks and his wife published a book about her successful bouts with lymphoma: *Lymphoma From Disease to Health: Our Successful Journey With Lymphoma*.

Mourning his loss are Dr. Burks' sons—Jim, DDS (wife Wanda), and Jonathan, CRNA (wife Maresha, DVM)—his daughter Susie (husband Burt Snider), eight grandchildren, and five great-grandchildren.



Dr. James Burks

Eldon Dickinson

Surrounded by his family, **Eldon Charles Dickinson**, SD'64, died peacefully on December 29, 2012, a victim of respiratory failure following hip surgery. His death marked the end of a vigorous career in dentistry that included a host of patients who became friends as well as recipients of produce from his extensive gardening and orchard ventures.



Dr. and Mrs. Eldon Dickinson

Born March 2, 1938, in Loma Linda, California, Dr. Dickinson attended Loma Linda elementary school and academy before pursuing pre-dental education at La Sierra University in Riverside. Upon completing dentistry with the class of '64, he established a practice in Port Huemene. He retired

from full-time practice there 41 years later.

Following retirement, Dr. Dickinson continued seeing patients at the county jail facilities. A patient arriving in shackles and accompanied by two officers alerted him that his patient was considered dangerous, but he noted that the bravado of a criminal world often gives way to quaking at the sight of a needle. Dr. Dickinson considered his prison work to be a ministry where he could chat with his somewhat exotic patients about their imminent and ultimate destiny.

Representing the National Association of Adventist Dentists as its president, Dr. Dickinson visited dental clinics in Hong Kong, Bangkok, Nepal, Seoul, and Pakistan. In other venues, he pursued flying, singing, travel and sports, as well as activities with the Coast Guard Auxiliary, the Navy League, and the Santa Barbara-Ventura County Dental Society.

Dr. Dickinson is survived by his wife of almost 52 years, Darlene; daughter Tamara Sue, LLUSAHP (occupational therapy program), '84, (husband David) Mitchell; son Chip (wife Lisa), and four grandsons, including University students Cory Mitchell, a third-year medical student, and Logan Dickinson, a first-year nursing student.

The "Papa Dickinson Memorial Fund" has been established at Newbury Park Adventist Academy, Newbury Park, California, to support an educational scholarship in Dr. Dickinson's memory.

James Burton Everett

James Burton Everett, SD'59, was born on November 20, 1926, in Braxton Mississippi. Raised with five siblings in a small country house in Florence, Mississippi, Dr. Everett would serve in the U.S. Navy during World War II before pursuing pre-dentistry at Southern Missionary College (now Southern Adventist University) in Tennessee.

Joining the class of 1959, Dr. Everett met and married nursing student Darlene Parrett in 1958. After his graduation, the couple moved to Aztec, New Mexico. Here Dr. Everett established a practice and the couple raised their four children.



Dr. James Everett

During 1976-78 the family lived in Loma

Linda, while Dr. Everett earned a certificate in orthodontics. Returning to Aztec, Dr. Everett established an orthodontic practice in Farmington, New Mexico, where he practiced until retirement in 1998. In 2009 the couple moved to San Jose, California, to be near family.

After a lengthy illness, Dr. Everett died on February 18, 2013, with family at his side. Remembered as a very generous man with a big heart for helping others, he was very involved with helping establish La Vida Mission in New Mexico, starting the dental clinic there to serve the Navajo Indians.

In addition to a perfectionistic attitude toward dentistry, this same trait carried over into his penchant for building many dental offices and the local Aztec Seventh-day Adventist church. He also loved farming, gardening, Jeeping, camping and flying to mission clinics to do dentistry.

Dr. Everett is survived by Darlene, BSN'56, MPH'78, his wife of 54 years; his daughters Jeanne (husband Rick Mitchell, MD'81); Bonnie Everett, SD'87 (husband Don Elloway); and Lori Everett, SD'88, MPH'97 (husband Steve Stephenson); his son Kendall (wife Rolanda, MD'92); and six grandchildren.

Gary Gregory

Gary Gordon Gregory, SD'68, grew up in Tonapah, Nevada. Leaving home at the age of 12, he pursued a series of jobs to support his schooling and later to care for his ill mother. After completing predoctoral studies at the University of California Davis, Dr. Gregory entered LLUSD's class of '68, graduating at the top of his class.



Dr. Gary Gregory

He practiced initially in Terrace, California, later establishing an office in Chico, California, where he practiced for 23 years until retirement in 2008. In his professional career Dr. Gregory continued to show gratitude to those who had helped him reach his goals while gaining a reputation for a

strong work ethic and consistent response to the needs in the community.

A pioneer in dentistry, Dr. Gregory received an American Dental Association award for his publications on dental implantation and high-speed gold casting. He became the first to provide implant dentistry in the city of Chico, California.

In the mid '80s Dr. Gregory married Karina. An avid golfer, he spent many hours with his daughter Bryana to help further her career as a professional golfer. He was also an enthusiastic rancher, raising 500 cattle on his ranch.

His patients, friends, and family members mourn the passing of Dr. Gregory, which happened on March 18, 2013, in Roseville, California. His survivors include his wife, Karina, of Roseville, and his daughter Bryana.

Donald Hodder

After his birth (October 15, 1924) and younger days in Portsmouth, Massachusetts, assisting his father with farming and construction, **Donald Hodder**, SD'57, crossed the country to complete his college education at then Walla Walla College, College Place, Washington. Thereafter he found



Dr. Donald Hodder

employment as a medical researcher at Los Angeles County General Hospital and became a published author of research.

When he learned of the opening of a dental school in Loma Linda, Dr. Hodder applied and became a member of the School's first class. He returned to Massachusetts to open a dental practice in Taunton. After

30 years of practice, he retired and moved to Portsmouth, Virginia, where he pursued his interests in playing musical instruments, sailing, painting and building ship models. Reading, poetry, philosophy, and religious studies were also important and challenging to him.

When death came on January 6, 2013, in Portsmouth, Dr. Hodder's survivors included his beloved wife of 43 years, Virginia; three daughters—Cynthia Carr, of Beverly, Massachusetts; Carole Steele of North Dighton, Massachusetts; and Jan Baker of Whitman, Massachusetts—a son Tommy of Pepperell, Massachusetts; two step-daughters whom he reared as his own after their father's World War II death—Kathy Schoonover of Sandy Spring, Maryland; and Beth Anne Frohnapfel, of Chesapeake, Virginia; 18 grandchildren, and 18 great-grandchildren.

Lawrence McEwen

Family members of **Lawrence “Larry/Mac” Ellis McEwen**, SD’62, MS’80, have named the many ways they were blessed by his loving heart, truthfulness, pride of family, firm will, patience, strong sense of humor and dedication to his Lord. Besides family, his influence was expanded by leadership exerted in his local church and his inspirational teaching of students in the orthodontics program at LLUSD.

Born April 28, 1933, Dr. McEwen had early enthusiasm for his profession, declaring as a pre-dental student when he entered then Walla Walla College in 1951. Two years later, his professional plans delayed by service in World War II. After military service, he completed



Dr. Lawrence McEwen

his pre-dental courses at then La Sierra College.

Following three years of dental education, Dr. McEwen took a year off to earn a master’s degree in dental materials before returning to graduate with the class of ’62. Dr. McEwen spent the next 15 years in a Placerville, California, practice. After earning a master’s in orthodontics, he remained at the School to teach in the Orthodontics Department for several years while conducting a parallel practice in Riverside, California. Students recall not only his encouraging words but the jokes he used to open each class session. In 2001 he took a position at the California Corrections Institution in Tehachapi. Illness brought about his retirement in 2008.

Dr. McEwen died on February 21, 2013, in Loma Linda, California. He is survived by his wife and the love of his life, Sandra, whom he married in 1956; his son Greg, SD’88 (wife Sandi), of Camino, California; three daughters—Angie Betts, LLUSN’81 (husband Rollyn) of Salem, Oregon; Traci Bradshaw (husband Dennis, SD’86), Kennewick, Washington; and Lisa Wettstein (husband Michael, MD’77), Bend, Oregon; and ten grandchildren, including Melissa McEwen, DH’09, and Gregory McEwen, a first-year dental student.

Those wishing to honor Dr. McEwen’s memory are invited to contribute to the School’s “Lawrence E. McEwen Memorial Fund.”

James McKinster

The first in his family to go to college, **James McKinster**, SD’61, had gained energy and support from his father, a wild-catter oilman, and his strong-willed but loving mother. Born September 28, 1934, in Bryant, Oklahoma, he later moved with his family to San Bernardino, where he completed high

school before pursuing a pre-dental education first at San Bernardino Valley College and then at the University of Redlands.

After graduating with the LLUSD class of ’61, Dr. McKinster would practice dentistry for more than 30 years at sites in San Bernardino and Rancho Cucamonga. For recreation, he fly fished from Mex-



Dr. James McKinster

ico to Alaska, and from his outdoor pursuits he became a strong supporter of Yellowstone National Park. He also had notable devotion for five sons and for Janet, his wife of 16 years. She reports that throughout his struggle with Parkinson’s disease Dr. McKinster maintained his wonderful sense of humor.

In addition to his wife Janet, surviving the February 10, 2013, death of Dr. McKinster, are his brother Art, district court judge of San Bernardino and Santa Barbara; his sons, James of Highland, and Michael and Andrew of Redlands; stepsons of Highland, James (wife Paulette) Hedrick and Thomas (wife Stacey) Hedrick; and six grandchildren.

Robert A. Nixon

Less than five months after an ALS diagnosis, **Robert Nixon**, SD'65, died at home in Willits, California, on December 21, 2012. He had been born on May 31, 1940, in Escondido, California. After completing predoctoral studies at Pacific Union College, Angwin, California, he came to Loma Linda and graduated with the class of '65.

Dr. Nixon combined his love of working on his tractor and flying his airplane with the pursuit of his dental career. His first practice in the beautiful setting of Hayfork, California, attracted a patient clientele principally neglectful of dental care unless in need of extractions. After two and a half years, he moved to Willits, California, to



Dr. Robert A. Nixon

practice in a more varied environment. Three years later he moved his practice into a new office building. He would serve the community there until his retirement in April 2006. He had practiced all aspects of general dentistry.

In a 1975 trip to Blantyre, Malawi, Dr. Nixon relieved mission dentists during their vacation breaks. Locally he gave services to his community with dental screenings at schools and also engaged in training several young people to pursue their interest in dentistry.

Dr. Nixon's survivors include his wife Bette (Haenny), LLUPT'62, of Willits, California; his daughters—Kimberley LLUMPT'93, LLUDPT'96 (husband Richard, LLUMPT'94) Vieten, of Tillamook, Oregon, and Stefani Nixon, RPTA (husband Richard Chapman), of Willits, and three grandchildren.

The family has suggested that gifts of remembrance be made to Willits Christian School on Bray Road or to Phoenix Certified Hospice of Willits.

Elliot Shulman

Elliot Ross Shulman, SD'77, was serving as director of pediatric dentistry, West Virginia University School of Dentistry, at the time of his death in Morgantown, West Virginia.

A native of California, Dr. Shulman practiced dentistry in diverse places—initially in Quesnel, British Columbia (private practice), and then as chief of Pediatric Dentistry in the US Air Force Dentistry in the Philippines, Germany, England, and several locations in the United States. During his 25 years with the Air Force he became Dental Commander of RAF Lakenheath and Command Dental Surgeon



Dr. Elliot Shulman

for the Air Force Material Command.

His interest in academic dentistry and research brought Dr. Shulman to West Virginia seven years ago. There he pursued a doctoral degree in curriculum and instruction. His publications on pediatric dentistry, his research on pulpal therapy, fluorides, and epidemiology, and his mentoring of student research projects indicate his professional commitments and enthusiasms. Additionally, Dr. Shulman continued to pursue an interest in travel and in activities at the local Suncrest United Methodist Church.

At the time of his death, February 17, 2013, Dr. Shulman was surrounded at home by his family members. They include his wife, Marilyn Gooderum Shulman; a daughter, Julie Shulman of Boston, Massachusetts; two sons, Jeffrey Shulman (wife Brianne) of San Antonio, Texas, and Grant Shulman of Lincoln, Nebraska; one grandson, Taylor Shulman; and his loving canine friend, Sandy. Burial with military honors followed his memorial service.

Dr. Shulman's family suggests that those who wish to honor his memory donate to the Morgantown Hospice, or Suncrest United Methodist Church in Morgantown, West Virginia.



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