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Loma Linda University School of Dentistry

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Dentalgram

A monthly publication of the dean's office
for students, faculty, and staff of
Loma Linda University School of Dentistry

October, 2007
Volume 21, Number 10
<http://www.llu.edu/llu/dentistry/news.html>

Welcome!



School of Dentistry welcomes 137 dental and dental hygiene students

On September 17, 2007, 137 dental and dental hygiene students began orientation in the School of Dentistry. Following are profiles of the incoming classes.

Dental class of 2011

The 95 members of the dentistry class of 2011 were selected from 2,059 applicants. The 28 females and 67 males in the class have an average age of 25.4 years.

Included in the class are 43 whites (non-Hispanic), 36 Asians, six African-Americans, six Hispanics, and five who did not report ethnic identity. Two nurses and a medical technologist are among the class members.

Entrants came from these campuses:

La Sierra University 15
 Pacific Union College 10
 Southern Adventist University 8
 Andrews University 7
 Walla Walla College 7
 UC Riverside 5
 Loma Linda University 4
 Brigham Young University 3
 Canadian University College 3
 UC Irvine 3
 UC San Diego 3
 Cal State Poly Pomona 2
 Oakwood College 2
 Point Loma College 2
 Union College 2
 University of British Columbia 2
 Southwestern Adventist University 2
 Azusa Pacific 1
 Bethel College 1
 Cal State Chico 1
 Cal State San Bernardino 1
 Cal State San Marcos 1
 Dominican College of San Rafael 1
 Foothill College 1
 Lake Michigan College 1
 Rutgers State University of NJ 1
 Southern Illinois Carbondale 1
 UCLA 1
 University of Central Florida 1
 University of Nevada Reno 1
 Western Georgia College 1
 Western Oregon State College 1

Citizenship status of the dental students encompasses eight countries of origin:

United States 71	Canada 9
Korea 9	Romania 2
Bulgaria 1	Finland 1
Jamaica 1	Philippines 1

Members of the dental class of 2011 have these religious affiliations:

Seventh-day Adventist, 73; Christian, 6; Latter-day Saints, 4; Baptist, 2; Unspecified, 3; Coptic Christian Orthodox, 2; Catholic, 1; Islam, 1; Presbyterian, 1; Other, 1; None, 1

Dental hygiene class of 2009

The 42 dental hygiene students entering the program this school year were selected from 130 applicants. The 40 females and two males in the class have an average age of 24.1 years. Of the 37 who indicated their ethnic identity, 21 are white (non-Hispanic), 13 are Asians, two are Hispanic, and one is African-American.

Entrants came with undergraduate credentials from these campuses:

La Sierra University 6
 Pacific Union College 4
 Mt. Jacinto College 4
 Walla Walla College 3
 Crafton Hills College 2
 Riverside City College 2

Southern Adventist University 2
 Victor Valley College 2
 Andrews University 1
 Butte College 1
 Cal State San Bernardino 1
 Coastline Community College 1
 Chaffey College 1
 Cypress College 1
 Golden West College 1
 Michigan State University 1
 Orange Coast College 1
 Point Loma College 1
 San Diego City CC 1
 Southwest Adventist University 1
 University of Washington 1
 Other 4

Citizenship status of the dental hygiene class of 2009 includes five or more countries:

United States 34
 Canada 2
 Romania 2
 Russia 1
 Not specified 3

Dental hygiene class members reported these religious affiliations:

Seventh-day Adventist, 22; Christian, 6; Catholic, 5; American Apostolic, 1; Baptist, 1; Latter-day Saints, 1; Non-denominational, 1; Other, 5

Geistlich Pharma representatives, from Switzerland, U.S., visit Loma Linda to discuss current and future research



On September 11, representatives from Geistlich Pharma met with Dr. Philip Boyne to discuss current research and funding for future research. Pictured are (from left) Alan Barnard, Jeanie Armbroster, Paul Note, and Philip Boyne.

Never let the odds keep you from doing what you know in your heart you were meant to do

— H. Jackson Brown Jr.

Dentist from India completes three-month implant dentistry study program

“At Loma Linda, you may think that what you’re doing doesn’t have immediate or visible results,” says Dr. Ashish Sharma, a dentist visiting from India. “But you’re doing the Lord’s work, and what you do has an impact.”

Dr. Sharma relates a story about *LLU SCOPE*, which his mother, a secretary in an Adventist hospital in India, brought home from work to read. It was in the 1980s, and he and his sister were young children.

“We’d take turns,” he recalls, “playing ‘page tag,’ quickly opening *SCOPE* and putting our hand on a page. It was a kids game and whatever was on that page was ‘ours.’ We would study the pictures—the landscaping was so green and we marveled at the pictures of the neat, beautiful buildings. We would look at each of the people who worked in the offices and wonder about them. It was then that I decided I would visit the Loma Linda campus some day.”

And he did. Dr. Sharma just completed a three-month course in implant dentistry in the School of Dentistry. “At the dental school I attended in India,” he says, “only one professor performed implant surgeries. And the students didn’t have the opportunity to study implant dentistry. While in the School of Dentistry, I’ve attended lectures, observed procedures, and read hundreds of pages in the literature.”

He is convinced of God’s direct presence and power in his life. “I knew,” he says, “that it would be almost impossible to be granted a visa to travel to the U.S. After I’d stood in line for seven hours, I was questioned—‘what can you say that will con-

vince us that you will return to India?’ ‘I will go wherever God wants me to go.’” The official repeated the question, and he gave the same response. “Finally,” remembers Dr. Sharma, “she asked to keep my passport and when I returned to pick up my paperwork, I had been granted a five-year visa with unlimited entrance to the United States. I was amazed—as this is unheard of.”

During his studies in the School of Dentistry Dr. Sharma heard the name, “Leif K. Bakland.” He thought, “That’s the name of one of the authors of one of the three textbooks we shared in dental school,” and then quickly dismissed the thought. What were the chances that it could be the same Dr. Bakland? Toward the end of his stay, Dr. Sharma happened to walk by an office—and noticed the name, “Leif K. Bakland, chair, endodontics.” He immediately asked to meet Dr. Bakland—and it was the same person. (Dr. Bakland is now working on a new edition of the book, *Endodontics*.)

When he returns to India Dr. Sharma will continue to work in the dental clinic at Ruby Nelson Memorial Hospital (RNMH) in Jalandhar, in north India. He reopened the dental clinic there two years ago.

“After arriving for work straight out of dental school,” he recalls, “I found everything in disarray. The clinic was closed and the only equipment was a broken mirror, a bent explorer, and a lantern (a flashlight). I was discouraged and I asked God, ‘Is this really where you want me to be? If it is, then send one patient to the clinic each day while we’re painting and getting the clinic



Dr. Ashish Sharma (center), a dentist from India, recently completed a three-month program in implant dentistry at LLU. With him are Drs. Subhash (left) and Vidhya (right).

ready to see patients.”

And during the month that the clinic was being readied, one person each day came to the door asking, “Are you the dentist?”

Today the clinic, with one chair, is a busy place. And every year eye and dental teams from RNMH travel to the interior of north India, 40 kilometers away from the state capitol (Lucknow), to a place called Borabanks.

There, for one week they provide free vision and oral health care to patients in one of the poorest areas in India for one week. “We work from 6:00 a.m. to midnight or later and provide screenings, oral hygiene care, extractions, and dental health evaluations.

“God has opened an opportunity to work and witness for Him in a Hindu dominated society, with RNMH being the only Christian team invited to participate along with other non-Christian teams,” he says.

Editor’s note—This story will be continued in the November edition.



Drs. Sharma (right) and Subhash were part of a dental team from Ruby Nelson Memorial Hospital that provided care to some of India's poorest citizens.



Each year, hundreds of patients in Barabanki wait to see ophthalmologists from Ruby Nelson Memorial Hospital during their yearly visit to provide free care. Many will receive cataract surgery, enabling them to see again.



LOMA LINDA UNIVERSITY SCHOOL OF DENTISTRY
CLASS OF 2011



Dane Andersen



Scott Arceneaux



Ray Arsenaault



Jonathan Basit



Clark Bassham



Adam Burr



Stephanie Calvillo



Lily Cha



Chris Chang



Hanbit Chi



John Cho



Rachel Cho



Larina Chu



Bryce Ghun



Christina Chun



Andrew Corbett



Justin Diederichs



Alec Fillmore



Rebecca Flaiz



Jon Fox



Michael Gardner



Michael Gilman



David Green



Daniel Guindi



Chris Ha



Patrick Hachee



Sam Han



Michael Hiersche



Ryan Holmes



Eric Hull



Jonathan Jackson



Kenneth Jang



Eric Joo



Albert Kang



Sheida Khazai-Tabari



Andy Kim



Doug Kim



Estella Kim



Jason Kim



Michael Kim



Ashley Kitto



Michael Knutson



Jeffrey Lam



Alexis LaRose



Bryan Lee



Eung Lee



Jenny Lee



Jon Lee



Joseph Lee



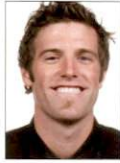
Shaun Lee



Nathan Leiske



Justin Libby



Landon Libby



Jessieah McGraw



Hyo Mun



Steve Nelson



Albert Oh



Joanne Oh



Joohec Oh



Soojin Oh



Filip Orban



Klara Palhegyi



Woojung Park



Isaac Penalba



Chris Poe



Christy Pogue



Derek Potts



Brooks Pruhs



Emilyynda Quiñones



Yamel Ramirez



Devin Rentz



Nicholas Resla



Stevie Reynolds



Michael Robbins



Carrie Roosenberg



Michael Sacro



Roberto Salazar



Sheryleen Sampayan



Justin Schmidt



Sophia Sellas



Kevin Shearer



Matthew Strelman



Annie Sumi Suh



Jeri Swanson



Kristen Sylvers



Thomas Szutz



Mohammed Tabei



Lee Tetz



Woody Utrapiromsuk



Ralitz Varlakova



Keri Wakefield



Matthew Wasemiller



Donavon Yapshing



Sang Yoo



Kiro Zakhary



LOMA LINDA UNIVERSITY SCHOOL OF DENTISTRY

DENTAL HYGIENE CLASS OF 2009



Roy Ando



Melissa Beesley



Cortney Bellinger



Jessica Black



Kerri Booker



Kelli Boyd



Loredana Burciu



Rebecca Burke



January Chay



Shannon Chennault



Dana DeGuzman



Ashley Fujikawa



Landi Hansen



Tiffany Harris



Jessica Hatch



Jayme Jesse



Rokšana Kouroshnia



Sherry Lister



Lori Lujan



Katelyn Malone



Chelsey Martin



Courtney McEowen



Lauren McEowen



Melissa McEwen



Merinne Mesku



Lynn Nguyen



Jaclyn Ortiz



Donna Park



Jamie Patton



Kathryn Penafiora



Tracy Robertson



Leslie Ross



Amy Russell



Angela Seo



Olga Shakalova



Juliana Spiridon



Montra Suprono



Jasmine Swenson



Daniel Tapia



Justina Tran



Shaelene Trees



Alison Uribe



Brie Victorsen

Department news

Welcome

We welcome **Jena Shaddox**, a student worker in radiology and the daughter of Kena Shaddox, who works in the department of orthodontics.

Bio-dental; postbaccalaureate programs

Earlier this year Dr. Daniel Tan accepted an appointment to become director of the School's post-baccalaureate and bio-dental programs. These programs were created to enhance the knowledge and skills of previously unsuccessful dental school applicants in order that they may become better candidates for dental school. Each program is unique.

- The bio-dental program is a certificate Program, previously called the Biomedical Sciences (Dental Track) program, and was

formerly under graduate studies. Applicants must meet certain requirements and apply online at www.llu.edu/apply starting January 2. The last day to apply (deadline date) is June 15.

The bio-dental program is not funded; however, students may apply for financial assistance from the Office of Financial Aid at LLU.

- Students can request an application for the post-baccalaureate program from CarolAnn Arevalo (phone 909-558-7025; e-mail: carevalo@llu.edu). Applications for this program, however, are accepted only from December 15 through May 1. Like the bio-dental program, applicants must also meet certain requirements.

The post-baccalaureate program is funded by a Pipeline Grant which covers tuition, books, dorm cost (or a stipend for off-campus housing), and other related costs. —CA

Eighteen students earn Academic Excellence Silver Awards

The office of academic affairs has released names of students who have earned Academic Excellence Silver Awards for the class of 2009 with the results of the National Board, Part I exam. Academic excellence is calculated by a student scoring one standard deviation above the national mean.

*Carl Appleton
Kimberly Bensonhaver
Julie Catalano
Jonathan Channer
Vanessa Chun
Vincent Drouin
Benjamin Emery
Shaun Flynn
Dewin Gerrard
Nolan Korando
Parisa Penjman-Zadeh
Tung Pham
Sonny Porter
Ivan Rees
Leslie Seaman
Dennis Simental
Margaret Soh
Jasper Yai*



Faculty members receive \$243,000 NIDR research grant

Robert Holt Jr., DDS, associate professor, periodontics, has been awarded a \$243,000, three-year grant from National Institutes of Health, National Institute for Dental and Craniofacial Research for the study, "Testing of computer aided dental implant placement." Co-investigators include Joseph Caruso, DDS, associate professor, and director, advanced education program in orthodontics and dentofacial orthopedics, and Philip Boyne, DMD, emeritus professor, oral and maxillofacial surgery.

Dr. Les Arnett earns pre-dental college degree

On May 20, Dr. Les Arnett marched during commencement ceremonies and received his college (yes, college) degree.

"I entered Occidental College in Los Angeles as a freshman in 1952," he remembers, "and completed all but 17 units for a pre-med/dental degree. I was then accepted into dental school at USC in 1955."

After earning his DDS degree in 1955, he spent two years in the Navy and then practiced dentistry with his father for 17 years.

He taught part-time in the periodontics department at LLU from 1964–1977, and

while teaching, earned a MS degree in periodontics (1968).

He studied part-time at Fuller Theological Seminary in Pasadena at School of Theology from 1978–'81.

"In 1985," he says, "I again taught periodontics here three days a week. I then began teaching full-time in April, 2004." He then sold his perio practice of 45 years.

"I had tried in 1968 to get OXY to award me a diploma based upon units earned there and elsewhere," he recalls, "but was told that I would need to complete two biology classes and comprehensive finals in biology. I had neither the time

nor the inclination since I was teaching one day a week and practicing full-time in Pasadena.

"In 2005, my class at OXY was inducted into the Alumni 50 Year Club and at that time I told Theodore R. Mitchell, president of the College, my story expecting nothing to happen.

"May 20, 2007, I marched and received my BA degree in, would you believe, Pre-dental. At least I'm no longer a college dropout. The only question is am I a member of the class of 1956 or 2007? Wouldn't my professional academic regalia have blown them away at OXY?"

On the cover

CLOCKWISE, FROM TOP LEFT: Approximately 40 people in attended a welcome dinner at the home of Shirley Lee, assistant professor, dental hygiene. The dental hygiene students, faculty and family enjoyed a meal catered by Maria's Mexican Restaurant. They enjoyed music and singing, and listened to a vesper talk given by Pastor Eric Brown from Riverside Community Church, who challenged everyone to truly experience God while at LLU. He then dedicated the dental hygiene class of 2009 in prayer. • First-year dental students (from left): Steve Nelson, Joseph Lee, and Donavon Yapshing relax by the pool at Drayson Center. • Dr. Clyde Roggenkamp (right) reviews clinic procedures with Jonathan Fox, dental class of 2011. • During orientation Dr. William Hooker, (right), listens intently with the dental class of 2011 and dental hygiene class of 2009. • From left, dental hygiene students Jessica Black, Kelli Boyd, and Ashley Fujikawa attend an orientation meeting. • Leo Galvan (right), dental maintenance, reviews clinic procedures with Scott Arceneaux (left) and Michael Gilman. • Center photo: Sophia Sellas practices with her new lab equipment.

NASDAD holds 65th Annual Convention in San Francisco

A soft bay breeze greeted guests as they arrived in Northern California. Inside the hotel lobby, a huge atrium filled with tropical plants and a meandering stream welcomed us to take a stroll and enjoy the gardens. The brightly colored koi appeared to dance as people walked over their bridge, under a canopy of trees. Once again, National Association of Seventh-day Adventist Dentists (NASDAD) found the perfect spot for fun, fellowship, and continuing education with the Annual Convention held on September 26–30, 2007.

Dr. and Mrs. Rod Wiley provided inspirational presentations about how to minister to others in unique ways. We were reminded

about a variety of things that keep us from ministering. They provided practical hints to put ministry into practice in one's everyday life. Their story showed how God is at work, even during the difficult times, which inspired and encouraged the listeners. Remember, God doesn't call us to do something, without also giving us the tools to get the job done.

If you did not make the 64th Annual NASDAD Convention in San Francisco, you missed out on a great time and we hope you will join us next year, on October 16–19, 2008, for 65th Annual Convention at the Park Vista Hotel in Gatlinburg, Tennessee. —MA



Dr. Mark Lund (right) passes the gavel to Dr. David Hernandez, the new NASDAD president during the Saturday night banquet and recognition ceremony.

Cost-benefit analysis of a mission trip

Editor's note: This article, written by Dr. Doyle Nick, is continued from the September, 2007, issue.

Following are six reasons we spend more on dental mission trips than the value of the treatment rendered during the time we are there.

The first answer is that the benefit to the student dentists is priceless. The opportunity to provide care to someone who would not otherwise benefit from modern dentistry is a joy that must be experienced to be understood. The appreciation that is heaped upon us when we've solved a severe toothache, or improve a teenager's self esteem by improving the esthetics of his or her anterior teeth, or relieve a mother's worry about her child's dental health, is wonderful. It is also convincing evidence of the responsibility that each Christian dentist bears for those members of the human race who are far less fortunate than are we. The evidence has a wonderful effect on the dentists throughout their careers.

The second answer is found in the benefit of mission trips to the profession. The unmet dental needs around the world are staggering in their severity and universality. Millions of people suffer from every day dental pain, infection, debilitation and systemic illness caused by chronic dental infection. If LLUSD can establish (and we are well on our way to doing so) a "Culture of Service" in which the expectation is that each dental alumnus generously and regularly contributes to the less fortunate of the world, then our legacy to the profession will indeed be priceless.

The third answer has to do with the effect

of mission trips on the individual. When our students are privileged to visit a part of the world where an entire village's combined assets may be worth less than the average dentist's net worth, there may be a temporary feeling of superiority.

This is very temporary, however, and is demolished as the student gets to know the people who live in poverty, and sometimes squalor. They quickly learn that the dignity, adaptability, skill, resourcefulness, generosity and intelligence of these unlucky folks are often greater than our own.

The attitude of superiority is replaced by feelings of respect, admiration, friendship and kinship. This understanding of people, whose world is dramatically different from our own experience, is essential to the humility needed for the truly successful dental practice. In addition, when an American, or any privileged, person kindly, humbly, and freely addresses basic human needs, the dental world gets a different, and more accurate, perspective of kinship of the world's citizens. These understandings are of course in addition to the significant physical benefit of improved dental health that results from a mission trip.

Another answer involves the perception of the student of him/herself in relation to community and effectiveness. As students leave their own culture, the familiarities of home, and often their comfort level, they begin to automatically form into a team. As they deal with difficult logistics, local politics, and the practical problems that always arise, they discover that each person has distinctive gifts and strengths that only by working together can the team be successful.

The group consensus becomes important, and individuals naturally develop respect for one another and confidence in themselves.

The fifth answer has to do with the benefit of mission trips which accrues to the technical education of the student dentist. Treating patients outside of the red tape, paperwork, and systems necessary to the dental school environment allows concentration on the elemental dental situation. This focus fosters, often for the first time, an increase in confidence, critical thinking, and satisfaction that powerfully improves the ability of the student to benefit from clinical dental education.

The sixth answer is found in John 3:16. "For God so loved the world that He gave his only begotten son..." The truth is that Christian service has always been expensive, it has always been sacrificial. God himself has set the original example of Christian service, and we are impelled to emulate that example.



In January, Dr. Doyle Nick joined Dr. Quint Nicola working with international affairs, LLUSD and as associate director for dental affairs, health ministries department,

General Conference of Seventh-day Adventists.

Be the change you wish to see in the world.

—Gandhi

Careers in Dentistry Workshop helps students choose a career path

Each year Careers in Dentistry (CID) Workshop has expanded and this year was no exception. "The record attendance at the workshop, July 15-18, was due to the overwhelming generosity of time and participation by our faculty and staff," says Marlise Perry, assistant director, admissions and recruiting. "Drs. Michael Boyko and Brian Novy guided the 70 participants through their days filled with special presentations, hands-on exercises and shadowing in the clinic." CID has been held for more than 30 years, and Marlise has planned the event since 2005.

The experience may be best described by Jason Fowler, who participated this year.

My name is Jason Fowler and I am a dental school applicant for the entering class of 2008. During the summers of 2005 and 2007, I was a participant in the Careers in Dentistry Workshops. My attendance at these workshops not only enlightened me about the different specialties and careers available in dentistry, but they also reaffirmed my desire and decision to attend dental school.

For most undergraduate students, the process of applying to dental school and learning what dental school entails can be a daunting task. The Workshop is a wonderful

way to see firsthand what a dental student and a dental professional goes through on a day-to-day basis. In addition, the faculty and staff participating in the Workshop are helpful in offering advice about what it takes to get into dental school.

Members of the admissions staff such as Fred Kasischke, DMin, associate dean, admissions and Marlise Perry, assistant director of admissions and recruiting, gave helpful direction and advice through the application process. Faculty members such as Dr. Brian Novy provided firsthand knowledge about the dental program and the experiences that a student would have during their four-year education.

As an attendee I was able to gain hands-on experience with a chalk carving exercise and the tooth wax-up lab. These exercises simulated the type of manual dexterity that a dental student needs for the clinical labs. In addition, I had the opportunity to help assist a dental student on clinic and catch a glimpse of what patient care is all about.



Prior to the certificate presentation, Careers in Dentistry participants gathered with admissions staff and faculty (Drs. Brian Novy and Michael Boyko, center). This year 70 students participated in the Workshop.

My experiences during these Workshops were of awe and inspiration. My first encounter with this Workshop during the summer of 2005 gave me insight into this great profession and opened my eyes to the varying dental specialties. I decided to attend a second Workshop this summer because my first experience was positive and motivating. Faculty members such as Dr. Boyko demonstrate that service is the calling for all those involved with the School.

Careers in Dentistry workshop not only offers insight into what it takes to get into and become a dental professional, it also highlights the Christian values that the School of Dentistry offers to its students and surrounding communities.

Each year our faculty and staff strive to make this Workshop the best it can be. I feel that this program is becoming a motivational must if you are considering a career in dentistry or dental hygiene. —MP; JF



Dr. Anthony Theodorou supervises workshop participants practicing their chalk carving skills.

Dr. Michael Boyko (center) teaches Careers in Dentistry participants some of the things that can be identified on a radiograph.



Each of the 70 Careers in Dentistry participants was given the opportunity to shadow current dental and dental hygiene students.

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