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# Dentalgram

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

April, 2003

Volume 17, Number 4

<http://www.llu.edu/llu/dentistry/news.html>

## In this issue

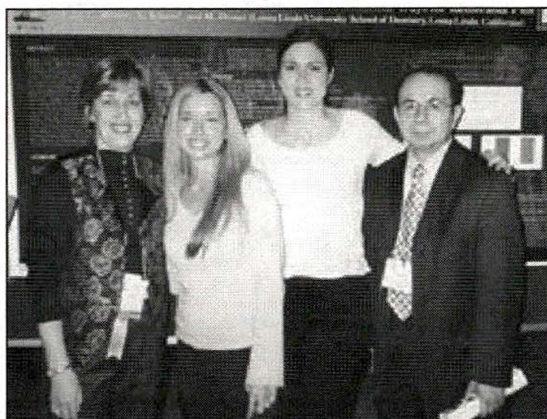
- School of Dentistry well represented at 80th Annual ADEA Session
- Faculty and students attend American Association of Dental Research meetings
- Faculty and students attend Academy of Operative Dentistry annual meeting
- Centerpulse Dental Inc. donates \$5,000 to department of restorative dentistry
- Leigh Ann Evans Featured Employee of the Month for April
- The School family says farewell to Trini Briano

## American Association of Dental Research meetings held

The School of Dentistry is usually well represented at the annual meetings of the American Association of Dental Research. This year was no exception. A total of 11 staff, faculty, and students presented posters and oral research reports: Dr. Jose F. Torres, Dr. James Dunn, Gretchen Schnepfer (SD'03), Dr. Wu Zhang, Dr. Shahrokh Shabahang, Michele Druan, Dr. Carlos Muñoz, Joni Stephens, Dr. Sean S. Lee, Dr. Susan Cartwright, and Alisa Wilson.

The LLUSD poster presentations were distinctive by being laid out and printed on poster material that was

easily mounted on the poster boards. A lot of work went into preparing and printing the posters, and appreciation for the effort goes to the staff at LLUSD educational support services.



*Top right photo: Representing the School of Dentistry at the American Association of Dental Research meetings were: Sean S. Lee, DDS, assistant professor; Alisa Wilson, project manager/coordinator; Wu Zhang, MD, assistant professor; and Joni Stephens, MS, EdS, professor, dental hygiene. Left photo: Ms. Wilson; Michele Druan, research assistant; Lisette Desia, senior administrative secretary; and Carlos Muñoz, DDS, director, Center for Dental Research. Bottom right photo: Ms. Wilson, Dr. Zhang, Ms. Desia, and Ms. Druan.*

## Faculty and staff attend 80th Annual American Dental Education Association Session in San Antonio, March 8 to 12

The School of Dentistry was well represented during the recent (March 8 to 12) annual session of the American Dental Education Association (ADEA) held in San Antonio, Texas.

Several faculty presented programs. They include: Drs. Joseph Caruso and Thomas Rogers along with Dr. Robert Frazer of R.L. Frazer and Associates (he guided the School through its recent strategic planning): Creating a Future of Choice Through Applied Strategic Planning; Dr. Charles Goodacre: How to Develop an Interactive, Navigable CD-ROM Program; Dr. William Hooker: Update on Cultural Competency Initiative.

Others participated as members of various

councils of the ADEA, the ADA, and attended sessions developed for a number of educational purposes: National Board test item construction, accreditation site visit training, and workshops of interest.

The ADEA Annual Session presents an excellent opportunity to network with colleagues from other schools and programs, and provides a wide array of informative sessions on how our colleagues handle educational challenges common to us all.

The next ADEA annual session will be held in Seattle, Washington, March 6 to 10, 2004. The School administration supports faculty member-

ship in ADEA by providing reimbursement of dues paid by full-time faculty.

The participants from Loma Linda included: Dr. Leif K. Bakland, Barbara Bostwick, Dr. Joseph Caruso, Dr. Heidi Christensen, Heidi Cooley, Dr. Ronald Dailey, Nathan Dinsbach (SD'04), Dr. Charles Goodacre, Marilyn Heyde, Dr. William Hooker, Dr. Fred Kasischke, Dr. George Lessard, Kathleen Moore, Truc Nguyen (DH'04), Dr. Paul Richardson, Enoch Ross (SD'05), Dr. Thomas Rogers, Ronald Secor, Joni Stephens, Dr. Lane Thomsen, Kristi Wilkins, and Wade Williams (SD'05).



## Department news

### Implant Dentistry

Drs. Joseph Kan, Kitichai Rungcharassaeng, Jay Kim, Jaime Lozada and Charles Goodacre were awarded the 2002 Judson C. Hickey Scientific Writing Award in the Clinical Report Category for their article, "Factors Affecting the Survival of Implants Placed in Grafted Maxillary Sinuses: A Clinical Report. *Prosthet Dent* 2002;87:485-9" presented by the editorial council of the *Journal of Prosthetic Dentistry*.



Top left: Charles J. Goodacre; top right Joseph Kan; middle left, Jay Kim; middle right, Jaime Lozada; left, Kitichai Rungcharassaeng



Drs. Jaime Lozada, Greg Kammeyer and Periklis Proussaefs were presented with the 2002 Judson C. Hickey Scientific Writing Award in the Dental Technology Category for their article, "Conversion of a Complete Denture to a Provisional Implant-Supported, Screw-Retained Fixed Prosthesis for Immediate Loading of a Completely Edentulous Arch." *J Prosthet Dent* 2002;87:473-6.



Periklis Proussaefs

### Student Life

**Congratulations!** D4's Sean Gubler, Elizabeth Park, and Michael Stafford successfully completed the Advanced Cardiac Life Support Provider Course in February. The next level after Basic Life Support, ACLS includes didactic and hands-on teaching in defibrillation, advanced airway management, dysrhythmia recognition, ECG's, and intravenous medications. The students learned life-saving skills that complement CPR and teamwork necessary for a successful resuscitation.

### Oral and Maxillofacial Surgery

Members of the faculty and residency training program of the department of oral and maxillofacial surgery participated in the 10th International Congress on Reconstructive Preprosthetic Surgery in Palm Springs April 4 to 7, 2003. Philip Boyne was a keynote speaker on the subject of "Application of Basic Science to Reconstructive Surgery."



Alan Herford, DDS, MD, chair, and program director, won first prize for his poster on distraction osteogenesis, "Use of a Plate Guided Distraction

Device for Transport Distraction Osteogenesis of the Mandible." He also presented a paper on distraction osteogenesis.



Brett King, DDS, third-year resident in oral and maxillofacial surgery, presented a paper on anterior tibia bone grafts, "Medial Approach for Tibial

Bone Graft: Anatomic Study and Clinical Technique." The Congress was very well attended, with international colleagues from Europe.

### Welcome

Please give a warm welcome to the following new employees: **Marie Hamilton**, senior administrative secretary, International Dentist Program; **Tanya Perdue**, RDA, department of orthodontics.

## Faculty and students attend Academy of Operative Dentistry annual meeting in Chicago

Faculty and students traveled to Chicago recently to attend the Academy of Operative Dentistry annual meeting. The event was held February 27 and 28, 2003.

According to Bruce Walter, DDS, associate professor, director of clinical group practices, the trip was made possible through the efforts of Paul Richardson, DDS, associate dean, clinic administration and William Hooker, PhD, MFCC, associate dean, student affairs.



Pictured, from left: Bruce Walter, DDS, associate professor, director of clinical group practices; Heather Lauer, D4; Allen Job, D4; Bob Walter, DDS, assistant professor; Matthew Ellison, D4; Liz Park, D4; and Steve Karmy, D4.

## Centerpulse Dental Inc. donates \$5,000 to restorative dentistry



Terry Silberstein, manager, university development, Centerpulse Dental Inc. (right), presents a \$5,000 check to Douglass Roberts, DDS, MS, professor, restorative dentistry. According to Dr. Roberts, this is an unrestricted gift for use in the department of restorative dentistry teaching program. Centerpulse Dental Inc. is a dental implant company and has also donated funds for the refurbishing of Room 1176.



## FEATURED EMPLOYEE OF THE MONTH—Leigh Ann Evans

Leigh Ann Evans was chosen as the first Featured Employee of the Month during the Keeping Connected meeting held Friday, February 28.

Leigh Ann has worked as an administrative assistant in the department of admissions for two years. For many students, interaction with the department is the first contact they have with the dental school.

This year, more than 1,000 people applied to the School of Dentistry through American Association of Dental Schools Application Service (AADSAS).

As disks with applicant information are received from AADSAS, Leigh Ann assists Sylvia Davis, MS, director of admissions, updating status levels, attends admissions committees, and prepares statistical admissions data for various reports. She also provides information that helps keep the department's web pages timely and useful for prospective students.

Before transferring to the admissions department, she worked in the dean's office. In 2000, using the Astound program, she assisted Charles Goodacre, DDS, MSD, dean, and Jaime Lozada, DDS, professor and director, graduate program in implant dentistry, in the development of the Implant Dentistry CD-ROM.

She began working for Loma Linda

Home Health care in 1993 as a staff assistant, preparing statistical reports. Three years later she transferred to human resource management and worked in benefits and employment.

"The dental school really is like a family," she says. "There is a spirit of cooperation among the departments that contributes to a great working environment."

In her spare time, Leigh Ann enjoys growing orchids (she now has more than 150 orchid plants from as far away as Mexico and Guatemala), knitting, and flying.

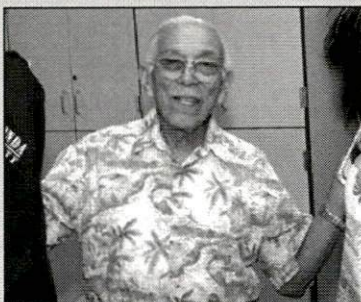


*Leigh Ann Evans, administrative assistant, department of admissions, was named Featured Employee of the Month for March.*

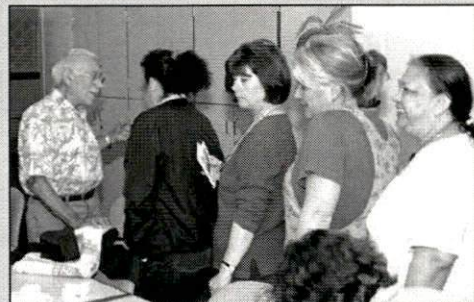
### Dental school family says farewell to Trini Briano

On Wednesday, March 26, members of the dental school family including faculty, staff, and students, gathered to say farewell to Trini Briano, building supervisor, housekeeping service. Mr. Briano served the dental school for 18 years.

Mr. Briano has accrued nearly 50 years of service for the Seventh-day Adventist Church. On May 26, 2002, he was given the School Distinguished Service Award during School of Dentistry commencement ceremonies.



*Trini Briano, housekeeping services, admires gifts he was given during his retirement party.*



*Dental school staff members line up to say goodbye to their friend, Trini Briano (left). Mr. Briano served the dental school for 18 years.*

### April Birthdays

Anahid Benzatyan	PBO
Jennifer Campos	IDP
Paul Chambers	Dent Maint
Michelle Druan	CDR
Soledad Garcia	PBO
Gary Hill	Dent Lab Svcs
Anna Koon	OMS
Leticia Lenoir	Perio
Stephanie Nevins	Ortho
Kathy Paragon	Peds
Ebony Reece	Endo
Stella Suba	Grad Endo
Teresa Thomas	Fac Dent Ofc
Michelle Tindall	Faculty Endo
Duane Wacker	ODRP
Miriam Yanez	Clinic
Peggy Yowell	Pros
Frank Zimmerman	Dent Lab Svcs



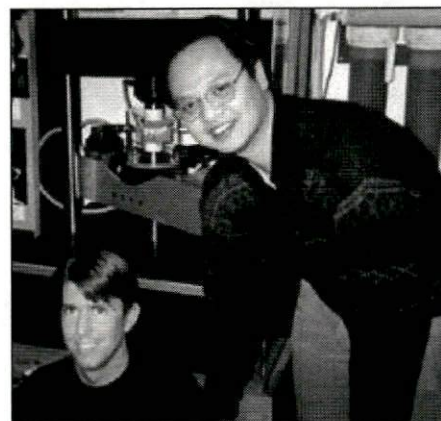
### Dental students represent LLU at American Student Dental Association meetings

Four dental students traveled to Minneapolis, Minnesota for the American Student Dental Association (ASDA) meetings in February. As many as 200 students from 50 dental schools participated.

The representatives from LLU were: Dave Wilcox, D3; Bernard Char, D1; Matthew McInnes, D3; and Aaron Molen, D2.

Matthew McInnes gave a presentation for this region, and spoke about the LLU School of Dentistry.

The meetings were held for four days at the University of Minneapolis. The students learned about the government's involvement in dental issues (including Denti-Cal), licensure issues, networked, and toured various specialty areas in the University of Minneapolis dental school.



*Dave Wilcox, D3, and Bernard Char, D1, inspect a research project at the University of Minneapolis designed to discover how various materials wear down. They were in Minnesota to attend the American Student Dental Association meetings.*



## STUDENT TABLE CLINIC RESEARCH PROJECTS

Countless hours were spent as third-year dental students and dental hygiene seniors worked on their research projects for this year's table clinics. Names of the researchers and the titles of their research projects are listed on this page.

The entries marked with an asterisk (\*) won awards during the table clinic competition that was held during the Alumni Student Convention, February 6, 2003.

### Helpful Hints • Bruce Walter, DDS, & Lloyd Baum, DMD, Restorative Dentistry

#### Substitute dental supplies separating medium

A standard substance to prevent wax from sticking to the die is "Slaycris" or some other comparable brand.

Of course, this may not be listed in your dental catalog or supply store.

If you need a separating medium and you cannot locate a quick and easy source of supply, go to Pep Boys (or any auto supply store) and purchase a quart of Anti-Freeze (Ethylene Glycol). Transfer it to a small bottle, label the bottle, and place it in your laboratory.

The anti-freeze can be applied to the die with a brush. And it also works great!



**Editor:** Nancy L. Yuen  
nyuen@sd.llu.edu

**Photographer:** Richard Cross

#### Contributors:

«Leif K. Bakland, June Barrientos, Cynthia Briceno, Shelley Console, Heidi Cooley, Nancy Davidson, Lisette Desia, Robin Fierro, Keressa Jones, Dana Lane, Jaime Lozada, Kathleen Moore, Doyle Nick, Douglass Roberts, Jennifer Osborne, Marjorie Sweet, Daniel Tan, Wayne Tanaka, Bruce Walter, Alisa Wilson, Wu Zhang

**Deadline for items for May, 2003,  
issue:** Monday, April 21.

- "Comparison of Three Gracey Curettes and Operator Fatigue" Sharika Boland, Claudia Rodriguez, Shoshanna Taylor
- "Effectiveness of Manual Toothbrushes vs. Electronic Toothbrushes on Plaque Control in Grade School Children" Linda Vallen, Jennifer Chalker, Andrea Carvalho\*
- "Caries prevalence of a unique population of Punenos" Yanina Toledo, Noreen Yoshida, Trent Gubler
- "Comparison of Endoscopic and Tactile Detection of Calculus" Kelly Noto, Kristin Allen, Sharisa Mellor\*
- "Pulse Oximetry: An Alternative Approach in the Diagnosis of Pulp Vitality" Carlo Arredondo, Stacie Fenderson
- "Psychological and Emotional Effects of Orthodontic Treatment of Adults" Kelly Clarke, Joe Kim, Matt McInnes
- "Commercially Available Streptococcus Mutans Strip Test Confirms Long-term Chlorhexidine Substantivity" Jennifer Moss, Vicki Sindell, Miriam Skala\*
- "Comparison of a Tooth-whitening Chewing Gum versus a Non-whitening Gum" Gary Pundt, Jeffrey Root, Steve Barnes
- "The Effects of Hard and Soft Tissue Laser System on Relieving Patient Fear and Anxiety" Edwin Chung, Walter Dimalanta, Seongho Lee
- "The BAS-Ray Display" Betty Jimenez, Sandra Garcia, Alysén Harklerode
- "Comparative Effects of An Essential Oil Mouthrinse and Dental Floss on Interproximal Plaque and Gingivitis" Nathan Dinsbach, David Wilcox, Misty Hendricks\*
- "The Effectiveness of Three Maxillary Splints on Myofascial Pain" Melissa Ramsey, Malia Kearbey, Sam Alzayat\*
- "Are Medically Compromised Patients Properly Screened?" Heather Rosaasen, Rebecca Nutter, Rebecca Porch
- "Effectiveness of Flossing vs. Wooden Triangular Toothpicks" Mimi Lee, Minna Lee, Marian Kim
- "To Acrylic Or Not To Acrylic" Joyce Oh, Alyssa "Kristi" Morgan, Shawna Kirschermann
- "Is the PAT All It's Cracked Up to Be? A Correlation Study" Tommie Decano, Melina DerDanielian, Tim Lethin
- "A Comparison of Waterline Purification Protocols" Jeffrey Stonebraker, Bradley Briggs, David Rempel
- "Contamination Levels of Operator Chair Adjustment Levers" Melanie Leiske, Ruby Pearson, Cristina Turlea
- "Accuracy of Peroxide Content in Over-the-Counter Tooth Whitening Products" Hyun-Jung Catherine Cho, Saerom Francis Kim, Insook Baik Smith
- "The Evaluation of Four Over-the-Counter Healthcare Products" Louree Afenir, Imelda Dixon, Michael Tobola\*
- "Effects of Delayed Activation of Light-cured Resin Composites on Dentin Bonding Agents" Lucelia Lima, Yarimell Perez, Gabriel Enriquez\*
- "In vitro Study of New Commercial Antimicrobials Against Chlorhexidine Resistance Bacteria" Ahn Nguyen, Thuong Dang
- "Effects of Increasing Concentrations of CHX On Two Persistent Dental Waterline Bacteria" Sung Cho, Daehong Kim, John Zhang\*
- "Fluctuation of In Tap Water Fluoride Levels" Myra Covarrubias, Trevor Holloway, Kevin Hahn
- "Comparing Radiographically, Shooting From Both Buccal/Lingual and Mesial/Distal Directions, the Root Canal Shapes of Selected Anterior Teeth After Endodontic Treatment Using the YSGG/Waterlase Laser, the AET/Ultadent System, and the Tulsa Dental/Dentsply Rotary System" Marvin Koh, Robert Lee, Jason Ching
- "What's in a Name (Tag)?" Larry Freestone, Kristin Newbold, Dianna Peura
- "A Comparison of Eight Composite Polishing Systems on Six Brands of Composite" Ryan Kearbey, Jason Ferguson, Scott Grivas
- "Chlorhexifloss: Preparation and Antimicrobial Activity" Esther Sohn, Adrian Lugo, Ramon Villanueva\*
- "Determining the Clinician's Ability to Evaluate the Total Occlusal Convergence of Single Crown Preparations" Mike Clark, Chad Ordelheide, Jon Miler\*
- "Effect of Waterline Disinfectants on Immediate and Late Dentin Shear Bond Strength" Young-Joo Kim, Raymond Lee, David Peterson
- "Sterilization of Low Speed Handpieces using Chlorhexidine" Julie Gray, Julie Weiss, Christine Gill\*
- "Bleaching and Mercury Release From Amalgam" Dean Brewer, Andy Toms, Amanda Jordan
- "Effects of Alcohol on Composite Resins" Yolanda Hernandez, Aurina Poh, Jeff Robinson
- "An Eye-Opening Discovery: Bacterial Contamination in Eye Wash Stations" Michelle Banks, Shellie Kroeker
- "Antibacterial Properties of native American Medicinal Plants Against Streptococcus Mutans" Hugh Lee, Jeff Davidson, Ed Guo
- "Transitional Dentures" Satish Reddy
- "Efficacy of Whitening Toothpaste on Removal of Extrinsic Stain" Lupe Duncan, Kia Davis, Dyanna Denney
- "Testing the Repairability of Composite Resin Provisionals" Joel Pedersen, Kelly Hong, Kimberly Ruiz
- "High-speed Handpieces vs. Laser Microstructure on Enamel" Robin Kwon, Linda Baek, James Chaffin
- "Circumferential Supracrestal Fiberotomy" Farshin Farokhian, Mariya Murdzheva
- "The Effect of Die Spacer on Indirect Restorations" Heidi Sun, Choolin Khoo, Arthur Huang
- "Association of Cranial Suture Shape And Facial Type" Steve Fountain, Suong Le, Gina Willoughby
- "Tooth Monsters" James Wee, James Kim, Paul Williams\*
- "The Adventures of Homer and Henry: The Dental Visit" Derek Chu, Maile Kim, Sean Lee\*